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REMOTE STORAGE

WIETOR BROS.

51 Wabash Ave., Chicago

WHOLESALE GROWERS OF

CUT FLOWERS

We grow First Grade Stock in such great quantities that we can fill shipping orders at ANY time. But we are especially strong for

THANKSGIVING

Large crops on of BEAUTY, RICHMOND, BRIDES, MAIDS and MUMS, all the latest and best varieties grown to perfection. Fine Carnations. Place orders early, for demand will be heavy.

THANKSGIVING PRICE LIST

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00 to $6.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	1.50
12-inch stems	$1.00 to 1.25
Short stems	.75

LONG STEMS	Per 100
Kaiserin, fancy	$6.00 to $8.00
" good	4.00 to 5.00
Bride, fancy	6.00 to 8.00
" good	4.00 to 5.00
Bridesmaid, fancy	6.00 to 8 00
" good	4.00 to 5.00

LONG STEMS	Per 100
Liberty, fancy	$8.00 to $10.00
" good	4.00 to 6.00
Richmond, fancy	8.00 to 10.00
" good	4.00 to 6.00
Chatenay, fancy	6.00 to 8.00
" good	4.00 to 5.00
Uncle John, fancy	6.00 to 8.00
" good	4.00 to 5.00
CARNATIONS, fancy	6.00
" good	4.00 to 5.00
	Per doz.
CHRYSANTHEMUMS, fancy	$2.50 to $3.00
" good	1.00 to 2.00

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

BUY OF THE GROWERS

and you'll be back at Christmas—or before.

U NEED US! WE NEED U!

IT PAYS TO THINK

It PAYS the PROGRESSIVE FLORIST to BUY where the BEST and NEWEST FLORISTS' SUPPLIES and RIBBONS can be had. "THAT'S US." We have made our business a SUCCESS. Let us help YOU. We carry the LARGEST and BEST line of EXCLUSIVE FLORISTS' SUPPLIES and FLORISTS' RIBBONS in the COUNTRY.

M. RICE & CO., 1220 RACE STREET PHILADELPHIA, PA.

The Leading Florists' Supply House. Ribbon Specialists. Importers and Manufacturers.

Mention The Review when you write.

AZALEA INDICA

The finest in the country for the price, in all the leading varieties, in any quantity. Prices on above, as well as on all **Bulbous Stock** cheerfully given by

F. W. O. SCHMITZ
Prince Bay, N. Y.

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Something Different in Holly Ribbons.

New and effective patterns. Designs and colors of new combinations.

WRITE NOW for samples. Before you are aware of it, your Christmas business will be on. Be prepared with **RIBBONS OF PINE TREE MANUFACTURE.** Different from other kinds. Better, yet cheaper, for you buy direct from the mill and

SAVE ALL BETWEEN PROFITS.

The Pine Tree Silk Mills Company
Philadelphia

Office and Salesrooms, 806-808-810 Arch St., 52-54 N. Eighth St.

Everything in Ribbons that a Florist may use. Glorious color combinations which match and blend with all roses and flowers. Why not write for samples? A postal brings them. No cost to you.

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FERNS for Xmas Dishes

Secure your stock before frost sets in. Extra fine stock **Adiantum** in sorts, **Aspidium, Cyrtomium, Davallias, Pteris** in sorts.

	100	1000
From flats, strong plants	$1.25	$10.00
From 2¼-inch pots	3.00	25.00
Asparagus Plumosus Nanus Seedlings	1.25	10.00
2¼-inch pots	3.00	25.00
Asparagus Sprengeri seedlings	.75	6.00
Asparagus Robustus (Choicest variety)	2.00	15.00

Address **H. H. BERGER & CO.**
47 Barclay St., New York

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FLORISTS' SUPPLIES

Of all kinds at our new place of business

125 North 10th St., above Arch, Philadelphia, Pa.

Keep your "I" on the Enterprising Supply House.

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OUR SPECIALTIES:

Wax Flowers, Wax Flower Designs

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Wicker Pot Covers, Plant Stands.

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Write for supplement to catalogue F, it will interest you

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Florists' Refrigerators

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Florists' Review

When Writing Advertisers



PREPARATION FOR GRAFTING.

Those who contemplate using grafted stock for next season's planting should now make arrangements for the requisite supply of stocks, as it will soon be time to begin preparing these for work. The imported dormant stocks will soon be arriving and these should be potted immediately, so as to give them ample time to form good roots without having to subject them to heat before being operated on, as they are very impatient of heat when first potted.

A 2½-inch pot is usually large enough for potting Manetti, but where the roots are too large for this size a little judicious root pruning does no harm. After potting firmly after the usual manner of potting any other rose, they should be watered thoroughly and placed in a house with a temperature not to exceed 35 degrees or 40 degrees, and where they will not be exposed to the full rays of the sun.

The best success I ever had with Manetti stocks was when I placed them for a few weeks in an old, disused mushroom house. This house seemed to possess about the requisite amount of moisture to keep the stocks in good condition till root action had commenced.

They require little watering between the time they are potted and the time they are required for use. Syringe them overhead occasionally to keep the bark in good condition. By this method they will form nice, fibrous roots, ready to go to work on the first application of heat, while the eyes will remain unbroken.

To the care bestowed on them during this period can be ascribed a good part of the success or failure of the grafting operation, as it is obvious that a stock having just the requisite flow of sap to sustain the scion must be more suited to its purpose than stocks with either too much or too little.

Grafting operations usually do not begin until after the holidays, so I will reserve my remarks on this method of propagation till that season. RIBES.

CLIMBING ROSE TAUSENDSCHON.

This beautiful climbing rose is the result of several crosses between the well-known Crimson Rambler with tea and polyantha roses. It surpasses all existing sorts of its section concerning growth, foliage and beauty of blooms. The stems are nearly (sometimes entirely) thornless, of much stronger growth than Crimson Rambler, with shining green foliage. The flowers appear from the beginning of June till the end of July, in large, loose clusters. Each individual flower is in shape like a balsam flower, measuring more than one inch in diameter. When beginning to bloom they show a lovely soft pink color; later on the somewhat curled petals assume a carmine rose color, when in full bloom giving the appearance of two different varieties. For floral work Tausendschon is very useful. Further important is its hardiness and its being almost impervious to mildew. It was raised by J. C. Schmidt, Erfurt, Germany.

PLACE FOR THERMOMETER.

Will you kindly inform me whether it is proper to hang a thermometer in the sun or shade to go by in a rose-house? Also what temperature is needed to grow Bride and Bridesmaid roses. I. R.

The main object to be attained in hanging a thermometer in a house is that it shall act as an indicator of the true temperature of the body of air contained therein, and consequently it should be so placed where it will best effect the purpose. Placing an instrument in a shady corner would only show the temperature of that particular place and not the temperature of the house which is desired.

By hanging an instrument where it would be exposed to the direct rays of the sun would also make it no true indicator, as the tube and metal would be heated far above the house temperature. The instrument should be hung in an open-faced box with its back towards the sun.

The temperature best suited for Brides and Bridesmaids is 56 degrees to 58 degrees at night, allowing it to run up to 75 degrees or 80 degrees in the day, according to intensity of sunshine. During cloudy weather the day temperature should range from 60 degrees to 65 degrees under ordinary conditions.

RIBES.

SPIDER AND MILDEW.

I am enclosing some rose foliage and would like you to tell me what is wrong with my plants. They seem quite green and in good health, but as soon as I touch a plant the foliage seems to drop off, leaving the branches bare; and the growths seem to die at the points. I used the best of sod, piling it up early in the spring, a layer of sod and then a layer of cow manure, leaving it until it was well rotted. Please tell me what to do. M. E. A.

This method of forwarding for examination flowers and leaves by mail is unsatisfactory, as they usually arrive in such a dried-up condition that they are useless for the purpose, and this case is no exception to the rule.

102622

The most probable cause of this trouble is a sudden check, either to root action or a heavy chill to the foliage, in all probability the latter, from the evidence to be obtained from the accompanying letter.

By a careful examination of the leaves I cannot find any trace of disease, but there are indisputable evidences of both red spider and mildew. In order to restore these plants to health great care must be taken in watering until good root action is again established, running them rather on the dry side for a week or two, but keep the syringe going on every bright forenoon.

Keep a steady night temperature of 56 degrees or 58 degrees, with a day temperature of from 60 degrees during cloudy weather up to 80 degrees during bright sun, giving ventilation whenever possible. Do not attempt to feed until the plants have recovered and be careful not to fumigate heavily. RIBES.

TROUBLE WITH KILLARNEY.

Enclosed I send you some leaves of Killarney rose. I would like to know if this is a disease or natural with this rose at this time of year. They are losing all the leaves except the young growth, which is rather weak. I had an attack of black-spot on all the roses on a bench planted with Beauty, Killarney, General MacArthur, Bride and Golden Gate. They all grew strong and healthy, especially Killarney, until this disease attacked them. The genuine black-spot, as I know it, with a big, dark spot on the leaves, soon disappeared after I treated them according to your prescription, but the Killarney keep losing their leaves, some when green, but most turn yellow. The root seems healthy and thick netted in the ground. Can a big elm tree growing next to the house, which seems to be full of black-spot, be the cause of this disease? The leaves were continually blowing onto the roses through the ventilators. A week before the roses went back on me I gave them a half-inch mulching, half clay soil and cow manure sifted, a little slaked lime and wood ashes, about half gallon of each to 300 square feet. The roses are almost too willing to make flower buds on the many weak sprouts. Would it be best to pinch those off? My idea has been to let them have it their own way till some change for the better appears. J. N.

When these leaves reached me they were so dried up that it was impossible to diagnose the case from any evidence they could supply.

Killarney has a habit of shedding the older foliage during the late fall, and especially is this the case when root action is checked by any cause. The most common cause of this is allowing the temperature to get low during the night, when the condensation settles on the leaves. This variety seems even more susceptible to trouble from this source than any other variety I know. Mulching during dark weather, or when the plants are not strong enough to have filled the bench with roots, might also arrest root action and bring about the same results.

I do not think the elm leaves would have any injurious effects on the foliage, but it is best to at all times keep the surface of the soil clean.

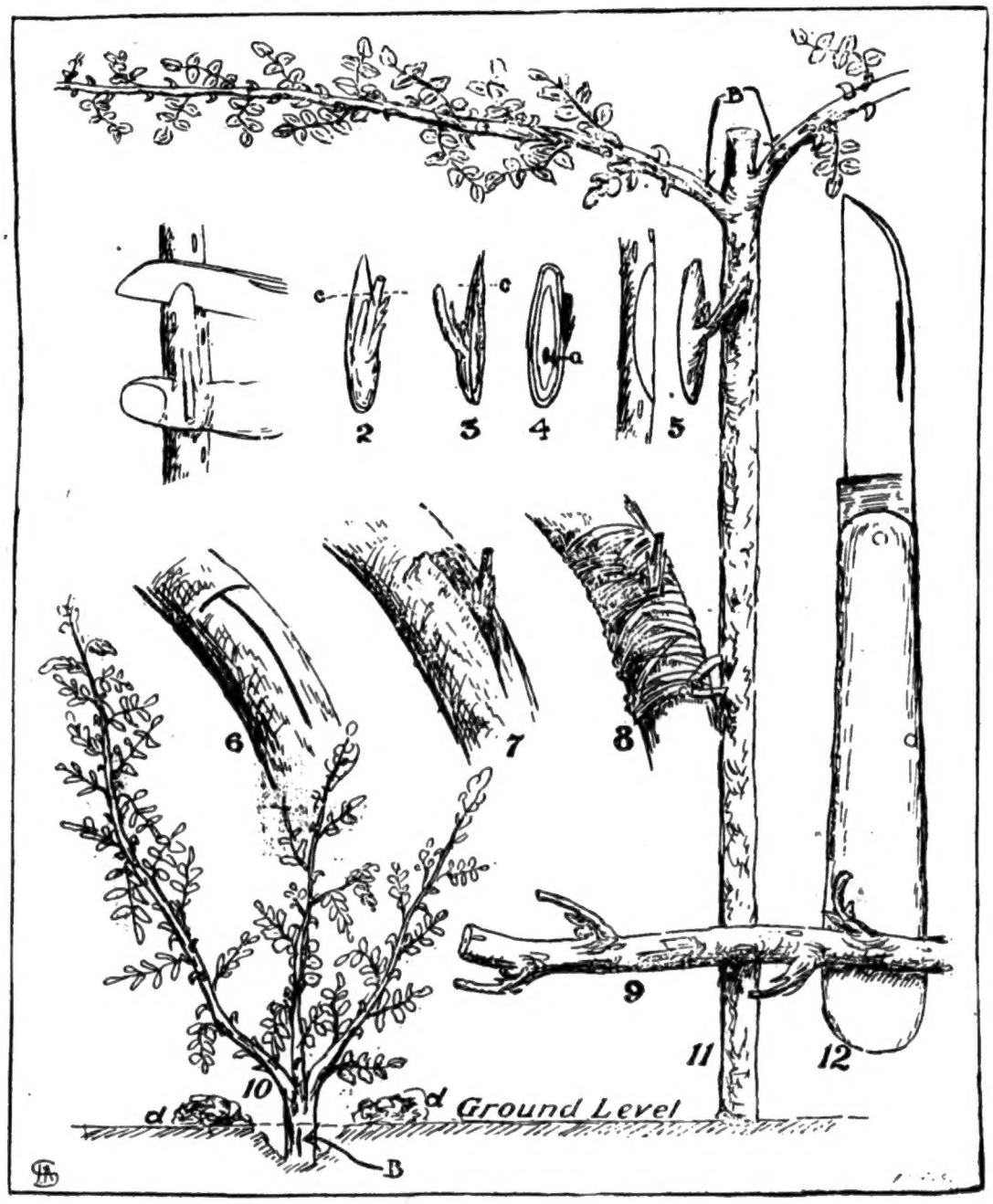
Wood ashes is a very concentrated form of food and should be applied spar-

ingly, especially to young plants, and could not have been necessary when applying a rich mulch of half an inch in thickness. Feed rather more sparingly until after the short days are over. Light and frequent feeding is much safer than big doses at long intervals.

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HOW TO BUD ROSES.

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The best time with us in the east for taking buds is from August 15 onwards in order to get the largest flowers. Later buds produce smaller flowers.

Single-stemmed plants grown for exhibition and flowered in 6-inch pots should be rooted at the end of May or early in June, grown right along in pots and never allowed to suffer for want of water or nourishment. I believe 6-inch pots nearly always are used for flowering this type of plant. F. S. will find explicit directions on how to grow pot plants in Herrington's chrysanthemum book. C. H. T.

THRIPS.

I enclose some chrysanthemum foliage with insects on the back. Please tell me what it is and how to get rid of it.

M. E. A.

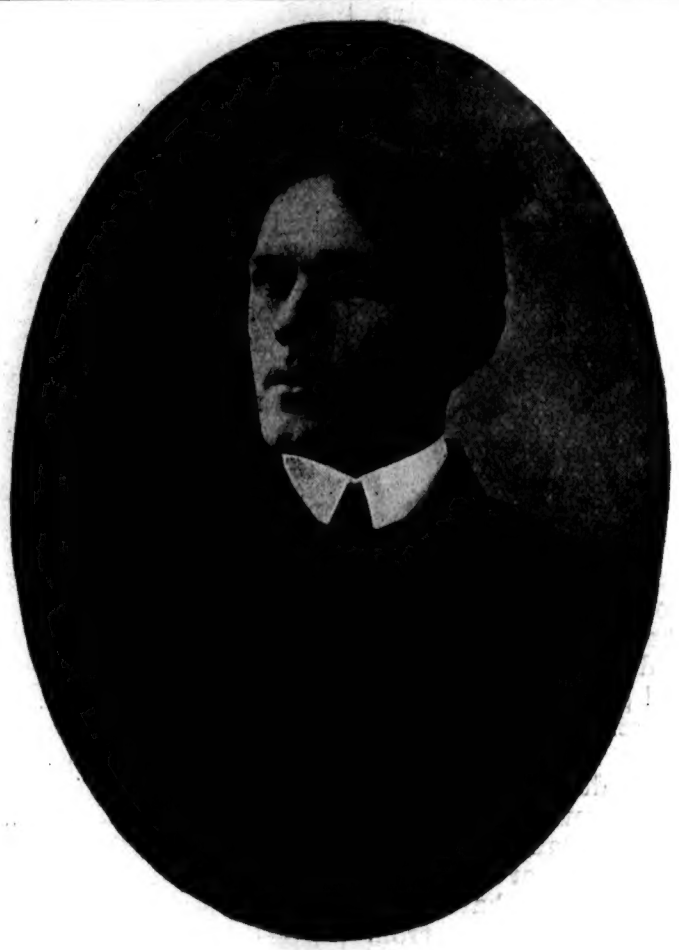
The insects belong to the numerous family of thrips and with the flowers developed there is nothing much that can be done to clean them out at this time. Another year I would suggest that M. E. A. syringe his foliage underneath frequently and this will prevent the thrips from getting such a foothold.

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Grandest of all the blooms was Destroyat, a large pale pink, which lights up beautifully at night. Mr. Randolph declared it is the best pink chrysanthemum he ever saw. Others were: Mme. L. Roussel, incurved golden bronze, large and full, one of the finest of its color;



G. W. Renard.

Mme. J. Rivol, a bronzy pink, large, full and solid, a good commercial flower; M. Pechow, a golden yellow, full open flower, good for private growers; Mrs. Geo. Beach, incurved golden yellow, full and fine, reminding of Bonnaffon; M. Georges Truffant, clear yellow, incurved, full, fine commercial or otherwise, paler in color, but style of Bonnaffon; Marie Viullmermet, clear, pure white, somewhat flat, suggestive of Silver Wedding, but larger; Dubuisson Foubert, warm yellow, large, full, paler than, but suggestive of, Golden Wedding, fine for private growers: Mlle. Suzanne Gauthiers, white, reflexed narrow petals, but globular shaped head, later than the others; Beatrice May, pure white, large and full, fine stem and good foliage; Amateur Consiel, a fine, bold, velvety crimson, full headed flower with excellent stem.

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The best late chrysanthemum, so far as my experience goes, is Chadwick. The color of this variety is a flesh white. It has also a pink and a yellow sport named W. S. Allen and Yellow Chadwick respectively. The earliest large flower, and the one that seems to give the most general satisfaction, is Monrovia, a yellow. These varieties will, I have no doubt, be easily procured from any of the advertisers of stock plants in this paper.

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A HOUSE OF IVORY.

G. W. Renard, at Avondale, Pa., is one of those growers who has not found anything among the later varieties of chrysanthemums to displace Ivory as a money maker. The accompanying illustration shows a house 28x100 feet, containing 6,000 plants of Ivory, grown two flowers to the plant, the house containing 12,000 blooms all in fine shape. Mr. Renard finds Ivory about the readiest seller there is for the store man with the average class of trade. It is easy to handle and always sure of a market.

Mr. Renard is a young man endowed by nature with the heavy chin denoting courage and determination. He has been exceptionally successful in his business and is steadily pushing his way to the front. He knows a good thing when he sees it and has that other, and none too common, trait of being wise enough to let well enough alone.

ANOTHER CASE OF THRIPS.

Under separate cover I send some insects of which I find lots on my chrysanthemums. Will you please tell me if these are the cause of the buds being misshapen, opening the petals only on one side? I used to have fine mums and have given them better care this year than ever, I think. I planted on solid beds this year. Is the trouble due to that, perhaps? N. N.

The thrips enclosed are the cause of the buds coming misshapen, and in some localities they do an immense amount of damage. Planting on solid beds makes no difference so far as the thrips are concerned. All beds look alike to him so long as the buds are on the plants. Spraying the plants with a solution of nicotine makes things unpleasant for this insect, but nothing is really so effective as catching them and killing them. I know this seems like a hopeless job, but perseverance will accomplish wonders.

C. H. T.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

Chicago, November 10.—Miss Clay Frick, white sport of Duckham, exhibited by C. H. Totty, Madison, N. J., scored ninety-one points commercial scale.

Chicago, November 10.—Mlle. E. Chabanne, pink, exhibited by E. G. Hill Co., Richmond, Ind., scored eighty-nine points commercial scale.

Chicago, November 10.—Incandescent, bronze and gold, exhibited by E. G. Hill Co., scored eighty-six points commercial scale.

Chicago, November 10.—Mlle. Semon Jossier, cream white, incurved, exhibited by E. G. Hill Co., scored eighty-nine points commercial scale.

Chicago, November 10.—Dubisson Foubert, light yellow, reflexed, exhibited by E. G. Hill Co., scored eighty-seven points exhibition scale.

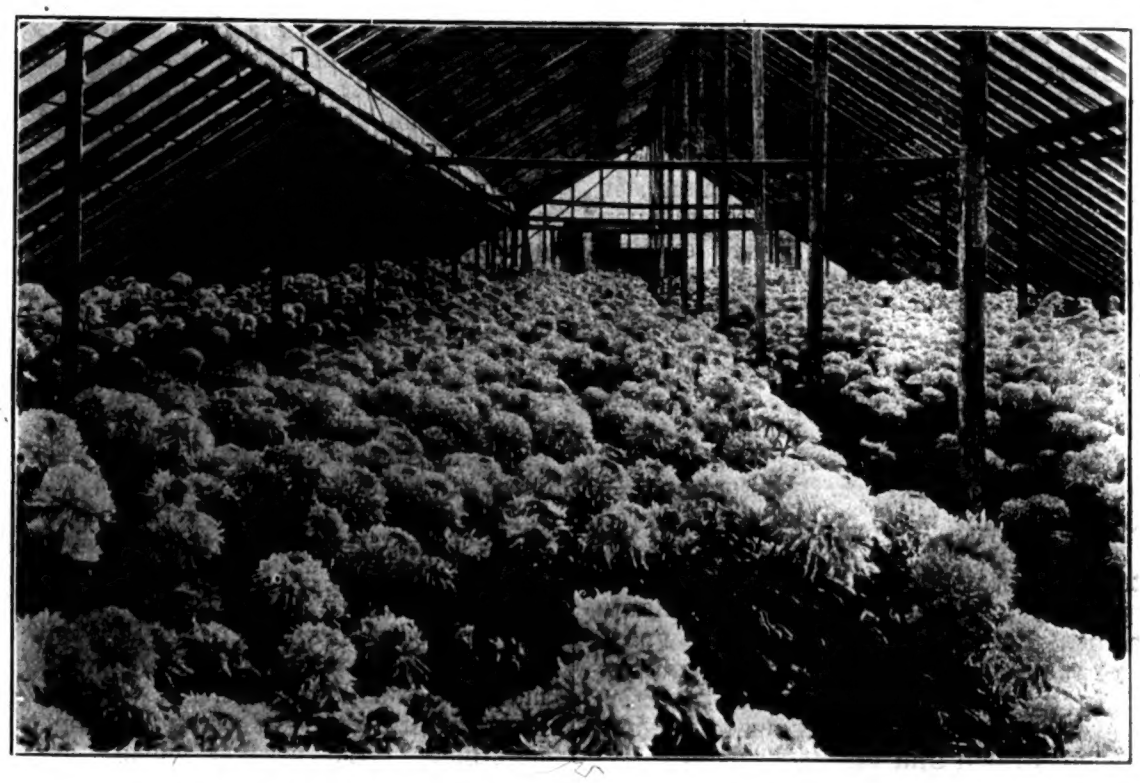
Chicago, November 10.—Alice Roosevelt, cream white, exhibited by E. G. Hill Co., scored eighty-nine points commercial scale.

Chicago, November 10.—Destroyat, silvery pink, reflexed, exhibited by E. G. Hill Co., scored eighty-nine points exhibition scale.

New York, November 10.—General Pecquart, lilac, silver reverse, Japanese incurved, exhibited by Howard Nicols, Yonkers, N. Y., scored eighty-five points commercial and eighty-five points exhibition scale.

Philadelphia, November 12.—Sadie May Stremler, sport of Queen, light yellow, exhibited by J. S. Stremler, Princeton, Ky., scored eighty-four points commercial scale.

Philadelphia, November 17.—Golden Dome, sport of Yellow Eaton, yellow, Japanese incurved, exhibited by John



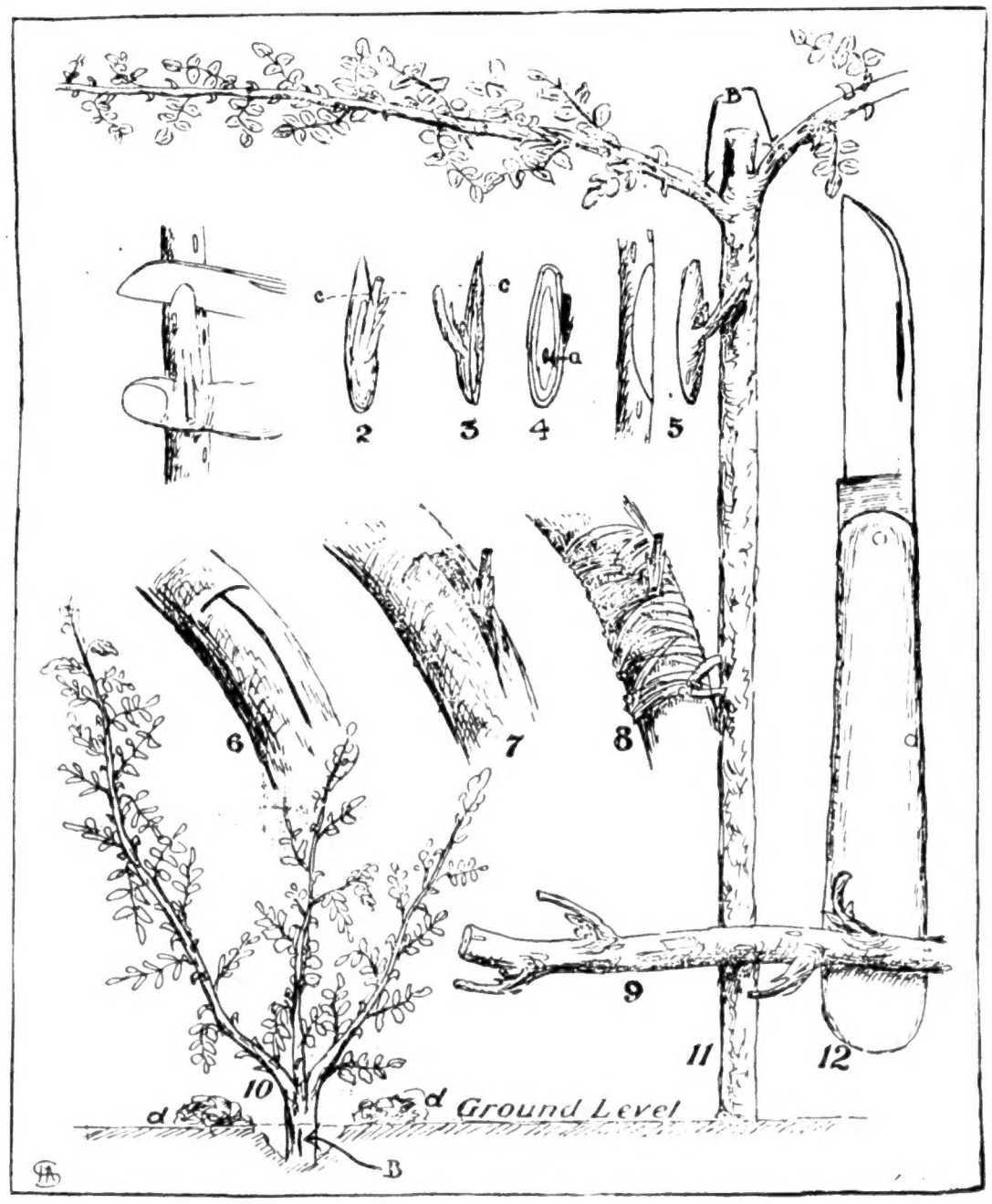
House of Ivory Chrysanthemum Grown by G. W. Renard.

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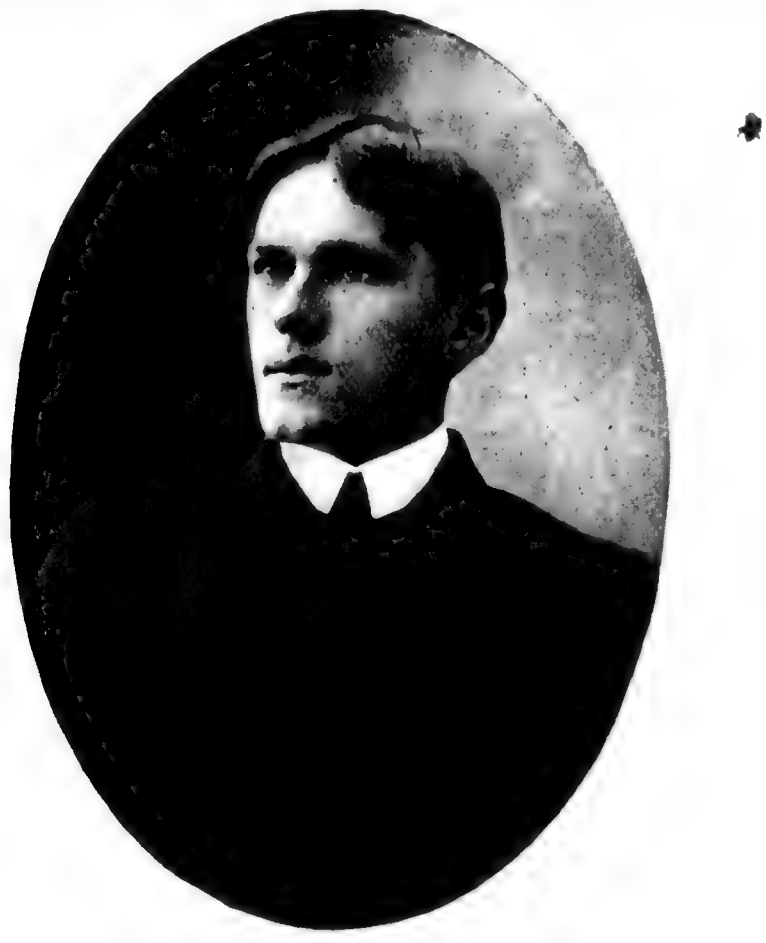
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A HOUSE OF IVORY.

G. W. Renard, at Avondale, Pa., is one of those growers who has not found anything among the later varieties of chrysanthemums to displace Ivory as a money maker. The accompanying illustration shows a house 28x100 feet, containing 6,000 plants of Ivory, grown two flowers to the plant, the house containing 12,000 blooms all in fine shape. Mr. Renard finds Ivory about the readiest seller there is for the store man with the average class of trade. It is easy to handle and always sure of a market.

Mr. Renard is a young man endowed by nature with the heavy chin denoting courage and determination. He has been exceptionally successful in his business and is steadily pushing his way to the front. He knows a good thing when he sees it and has that other, and none too common, trait of being wise enough to let well enough alone.

ANOTHER CASE OF THRIPS.

Under separate cover I send some insects of which I find lots on my chrysanthemums. Will you please tell me if these are the cause of the buds being misshapen, opening the petals only on one side? I used to have fine mums and have given them better care this year than ever, I think. I planted on solid beds this year. Is the trouble due to that, perhaps? N. N.

The thrips enclosed are the cause of the buds coming misshapen, and in some localities they do an immense amount of damage. Planting on solid beds makes no difference so far as the thrips are concerned. All beds look alike to him so long as the buds are on the plants. Spraying the plants with a solution of nicotine makes things unpleasant for this insect, but nothing is really so effective as catching them and killing them. I know this seems like a hopeless job, but perseverance will accomplish wonders.

C. H. T.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

Chicago, November 10.—Miss Clay Frick, white sport of Duckham, exhibited by C. H. Totty, Madison, N. J., scored ninety-one points commercial scale.

Chicago, November 10.—Mlle. E. Chabanne, pink, exhibited by E. G. Hill Co., Richmond, Ind., scored eighty-nine points commercial scale.

Chicago, November 10.—Incandescent, bronze and gold, exhibited by E. G. Hill Co., scored eighty-six points commercial scale.

Chicago, November 10.—Mlle. Semon Jossier, cream white, incurved, exhibited by E. G. Hill Co., scored eighty-nine points commercial scale.

Chicago, November 10.—Dubisson Foubert, light yellow, reflexed, exhibited by E. G. Hill Co., scored eighty-seven points exhibition scale.

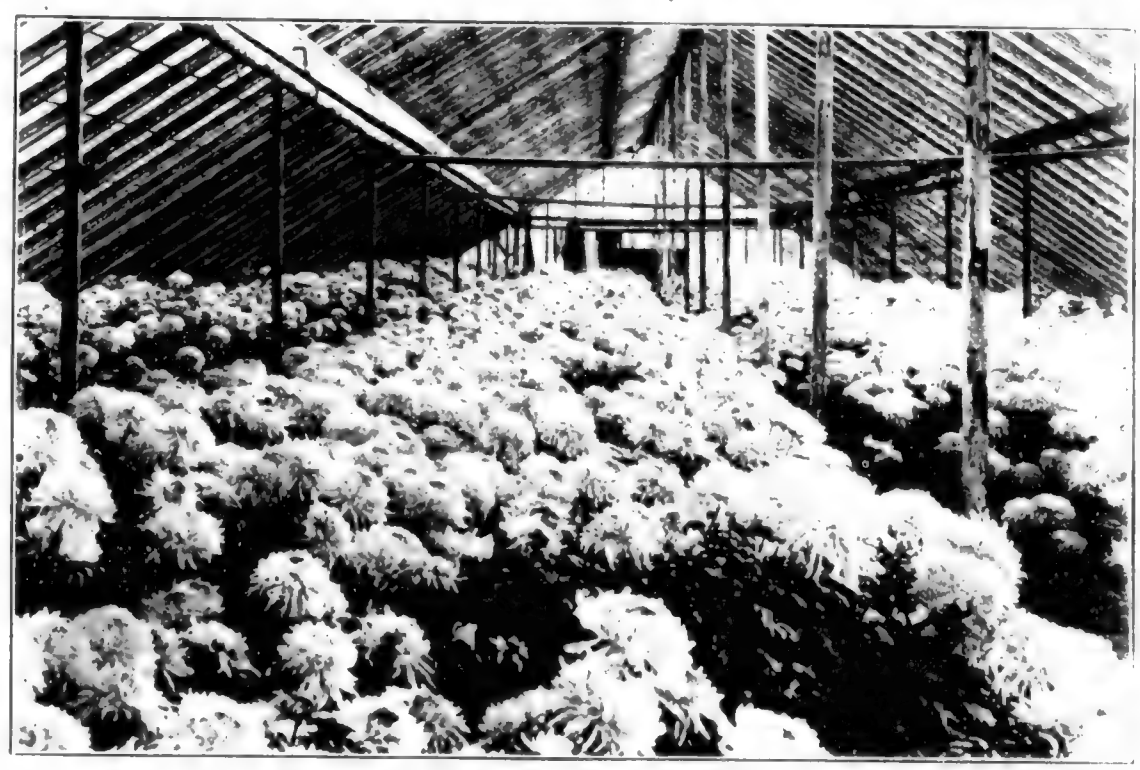
Chicago, November 10.—Alice Roosevelt, cream white, exhibited by E. G. Hill Co., scored eighty-nine points commercial scale.

Chicago, November 10.—Destroyat, silvery pink, reflexed, exhibited by E. G. Hill Co., scored eighty-nine points exhibition scale.

New York, November 10.—General Pecquart, lilac, silver reverse, Japanese incurved, exhibited by Howard Nicols, Yonkers, N. Y., scored eighty-five points commercial and eighty-five points exhibition scale.

Philadelphia, November 12.—Sadie May Stremler, sport of Queen, light yellow, exhibited by J. S. Stremler, Princeton, Ky., scored eighty-four points commercial scale.

Philadelphia, November 17.—Golden Dome, sport of Yellow Eaton, yellow, Japanese incurved, exhibited by John



House of Ivory Chrysanthemum Grown by G. W. Renard.

A. Macrae, Providence, R. I., scored eighty-nine points commercial and eighty-six points exhibition scale.

New York, November 17.—Golden Dome, sport of Yellow Eaton, a decided improvement on parent, both in color and form, exhibited by John A. Macrae, Providence, R. I., scored eighty-nine points commercial scale.

Cincinnati, November 17.—No. 34-3-05, daybreak pink, Japanese incurved, exhibited by Nathan Smith & Son, Adrian, Mich., scored eighty-three points commercial scale. David Fraser, Sec'y.



CARNATION NOTES.—WEST.

Propagating.

To the experienced grower the propagating season does not mean any more than any other part of the growing season in so far as close attention and alertness are concerned. True, he has to be ready all the time to look after the wants of the cuttings, by spraying, shading, etc., but he has to be on hand just as steadily if he wants to grow high grade stock. It is to the beginner the propagating season means great worry and work. The experienced grower is always able to size up the situation at a glance and act accordingly, but not so with the beginner. He cannot act with the same precision, and because such irreparable damage can be done in such a short time his inexperience gives him no end of worry.

In no other department can success or failure hang in the balance as it does during this time unless it be during transplanting in the fall. An hour of hot sunshine, or a drying draught, or water standing on the foliage over night may ruin a batch of cuttings beyond repair, and any one of them is likely to happen to the inexperienced who has not the foresight to guard against them.

The propagating season is rapidly approaching, and judging from numerous inquiries there are many beginners who are reading the Review for their daily guidance, so I will in the next few numbers confine my notes to this subject and try to cover it as fully as possible.

As I said in a recent issue, it is yet a little early to begin propagating your general stock of carnations. As most beginners are likely to propagate only for their own use, I would say wait another month before putting any cuttings in the sand. You can then get an abundance of cuttings and can put enough in sand in one batch to give you all you will need. Many of the rooted cutting specialists begin by the middle of November, but we do not consider these extremely early cuttings as desirable, generally speaking, as those taken out of the sand during February and March. Not that they will not make splendid plants, but they are likely to become a burden to the grower before spring.

One rule that must be strictly adhered to is to keep the young plants growing after they are once potted up, and repotting must be done whenever the plants need it. Few growers feel able to spare more room than a 3-inch pot requires, and in case of strong-growing varieties these early cuttings are likely to become crowded, drawn and stunted unless shifted into a larger size. But a cutting taken late in December of any variety I know can be grown in a 3-inch pot until May without becoming stunted.

You need not be idle in the meantime, however. You should get things in shape so that when you begin putting in cuttings you can stay at it and get them into the sand without delay. Get your sand on the place and protect it from severe freezing, so that it can be handled at any time. Either river or pit sand will do, just so it is clean. I have used sand of every degree of coarseness, from small pebbles to lake sand almost like dust and have found that good success can be had with all of them if handled accordingly. Coarse sand must be watered more frequently than the finer grades, while in the finer grades the danger of fungus is greater. The easiest to handle is a clean, sharp sand of medium grade. It will pack readily and, while it will hold moisture fairly well, it will not easily become soggy. Keep all loam and trash of any kind excluded from it.

Perhaps you have a propagating house, built for that purpose. If so you will not need to make any preparations along that line, but if you have not you need not be worried. Any bench that can be easily shaded, and which is so situated that you can keep strong draughts from striking it, will answer the purpose. For instance, if you have an even-span house and a narrow bench against the north wall it will make a first-class propagating bench.

Get some muslin wide enough to reach from the rafters below the edge of the bench and tack it to each rafter. When the sun is shining you merely let down this curtain to keep it off the cuttings, and at the same time they will have the full daylight. In the evening you tie it up and leave it up on cloudy days. This curtain also will be a great help in keeping off draughts.

Good, sound boards will do for sides and bottom and should be whitewashed each time the sand is changed, to prevent fungus, etc. The boards should not be too tight, but tight enough to hold damp sand from sifting through. Special propagating benches are built with brick bottoms, and those who use them speak very highly of them. Instead of using boards for the bottom use 2x4 and place far enough apart so that a brick laid flat and crossways of the bench will reach from the middle of one 2x4 to the middle of the next. Then cover the whole bottom with bricks, laying them flat and edge against edge. For the legs and crosspieces you can use whatever material you deem best, but of course it pays to use iron or cedar as much as possible. One always wishes he had when it becomes necessary to renew the benches. Always bear in mind that cleanliness is essential in propagating.

A. F. J. Baur.

SYRINGED ON WET DAY.

We syringed our carnations freely and it turned out to be a nasty day. We fired up heavily, but allowed the entrance of some fresh air all night, keeping the temperature at about 56 degrees. Would it have been better to run the temperature up to 65 or 70 degrees to dry out the air? A. R. & S.

You did the proper thing in handling your carnation house, and no harm should result from the experience they went through. You might have dropped a pinch of sulphur here and there on one of the pipes to help dry up the atmosphere and check any disease, such as leaf-spot, from starting. To have shut up the house tight and run the temperature way up would have been a mistake. Unless you ran it up to near 80 degrees it would not have dried up the moisture any quicker, and that would have been entirely too hot for the plants and much more favorable to leaf-spot, which revels in a humid atmosphere. Sixty-five to 70 degrees is all right as a day temperature for Queen Louise and Mrs. Lawson, with two inches or more of air on. This would be entirely too warm at night; 55 degrees at night is warm enough to stop any trouble that may result from low temperature, such as bursting the calyx, etc. Maintaining an even temperature will really do more along that line than a high temperature will. Avoid extremes and fluctuations in temperature. A. F. J. B.

BACTERIOSIS.

My carnations are healthy, with the exception of some leaves which are covered with light-colored streaks and blotches. Some plants are full, especially on the younger and softer shoots. It started with the Lawson family, but is now seen on the Enchantress. Have not observed it on the other varieties. The plants were housed August 15 and have grown nicely and have borne nice blooms. The soil is not rich, but we are now putting on a mulch of rotten cow and horse manure mixed. The soil is a light, sandy loam, was piled up last fall with about one-sixth manure. The plants are well-rooted through the entire soil, which is on wooden benches and about four and one-half inches deep.

E. A. M.

What is the cause of the white spots shown on the carnation foliage enclosed? I housed my plants in good shape September 1. The compost is a medium dark clay soil, with both cow and horse manure added. They have been well ventilated and well cared for and have grown nicely. T. E. M.

The trouble in each case is what was formerly termed bacteriosis, but which has later been changed to stigmonose. Prof. Woods in a paper read before the American Carnation Society some years ago declared that this trouble is caused invariably by the punctures of insects, such as greenfly, thrips, etc., and that if you will keep your plants entirely free from these pests you will have no trouble along that line. That such spots are produced by these pests I do not doubt for an instant, but that they are

the only cause of them I am not ready to admit. I have always entertained the idea that oftentimes this breaking down of the cells may be caused by improper nourishment of the plants. A lack of scientific botanical knowledge prevents me from carrying on any elaborate experiments to determine the correctness of this theory, but nevertheless it has clung to me and I am not ready at this time to give it up.

One of the greatest obstacles in such investigation is that we can never be absolutely certain that there are not some of the pests present in the house, even though we may not be able to see them. Greenfly you can usually see by examining the plants closely, but thrips are so small and active that they may be present in considerable numbers without our knowledge. We never think to look for them unless they attack the blooms, and the idea is quite prevalent that this is the only damage they do, which of course is a mistake. While they seem to get closer to your pocketbook when they attack the blooms, yet experienced growers know how they will weaken a plant that is badly infested.

We have had varieties which would show this disease every winter, beginning in November and getting worse until midwinter, and after that get better, and finally by spring no trace of it could be found. In the same house would be such varieties as Mrs. Lawson and Jubilee, which were especial favorites of thrips, and these would show no signs of that pest in the blooms. Of greenfly we were positive there were none. The darker the season, the worse the disease would be. This led me to believe that in the absence of sufficient sunlight the process of building up and maintaining the plant tissue may be impaired and cause the balance between that and the root action to be disturbed, preventing the proper nourishment of the plant.

We have long ago noticed that if plants which show these spots are watered too liberally or fed very much it will aggravate the trouble. So all the advice I can give is not to push your plants too hard, but run them just a trifle on the dry side. Give them an abundance of air, as much as possible. Keep the atmosphere sweet by using sulphur and lime as recommended in these notes for leaf-spot, etc. In fact, you should encourage a moderate, well-matured, robust growth and keep them free from insects. A. F. J. B.

FEEDING.

I benched my carnations September 10 in some poor soil to which was added one-fifth cow manure. When should I begin to feed them with ground-bone and how much should I use on a bench 100 feet long and four and one-half feet wide? Should I apply any hardwood ashes and how much to a bench of the same size? A. R. W.

Whether you should give your plants any additional food, besides what the soil contained at planting time, will depend entirely on the condition of the plants. If they are nicely established and healthy and the roots have run through the soil pretty well, then a light dressing of bone and a light mulch of half rotted cow manure will do them good. First scratch the soil lightly all over the bench. Then sprinkle the bone on, about twenty-five to thirty pounds to a bench of the size you mention. Then cover about one-half inch thick with old cow manure which has been broken up well. After that water thoroughly once and after that water as before, except it will not require as frequent watering on account of the mulch. Wood ashes is used mostly to stiffen the stems, and we apply it about three times as heavy as we do bone, measuring the bulk instead of the weight. Better wait until about January 1 if you apply the bone and manure now. A. F. J. B.



Carnation Winsor.

AMERICAN CARNATION SOCIETY.

The Chicago Carnation Co., Joliet, Ill., registers Carnation Red Riding Hood, in color a bright scarlet, in form well built, nicely fringed and well filled, with a calyx that does not burst; stem long and strong, perfectly straight; in substance the keeping qualities are of the best; in productiveness it is early, free and always in crop; in habit it has strong, clean growth, with wide, heavy grass, establishing itself readily and making rapid advance.

J. D. Thompson Carnation Co., Joliet, Ill., registers Carnation Lucile, a large white bloom overlaid with pink, with a long, stiff stem.

H. Weber & Sons Co., Oakland, Md., registers Carnation Toreador, white overlaid with pink, after the style of Prosperity, but showing more and deeper color, particularly the inner portion of the flower, bounded on the outer side of the petals with a distinct white zone; flowers fully as large as Prosperity at its best; a strong, vigorous grower, with no surplus grass, and will stand close planting; August 1 planting will give first-class blooms by October 1.

ALBERT M. HERR, Sec'y.

NOTES FROM ENGLAND.

In England many acres of chrysanthemums are grown in the field, and when cold weather is expected a light framework of posts and crossbars is erected and over this is laid lightly constructed sashes, which are kept firmly in their places with a few bolts. These are fixed high enough from the ground for workmen to walk underneath. In this way a whole two-acre lot or more can be cheaply and rapidly covered and protected from frost and rain, the latter probably being the worst enemy of outdoor chrysanthemums. This protection is quite enough to bring the bloom on to best condition. In some cases a run of piping for heating is hung on the uprights around each span, a portable boiler being used. When this plan is adopted the bloom can be kept in perfect condition even as late as Christmas.

I notice a writer in an American trade paper is wondering why wholesalers in the States do not send roses, carnations, etc., to the English markets, and thinks a very profitable trade could be built up in that way. No doubt they could be packed so as to arrive in perfect condition; but what about the English growers? We have enough and to spare of all kinds of cut flowers in Covent

Garden and other markets. If any intending American exporter doubts my statement let him make a visit to Covent Garden, say at six o'clock on any market morning, and he will come to the conclusion that he need not send any cut blooms from America. During the last season the supply has been probably one-third above the demand and exceptionally low prices have obtained in consequence. Roses, in particular, have on some market mornings been almost given away and loads have been thrown away at the end of the day. Even the American varieties of carnations are getting so cheap and plentiful that there is now no more than a living profit in them. It is a well-known fact that in the foreign flower-market the end of the day sees big quantities of cut blooms pitched into the waste-cart.

An unprecedented slump is being experienced in the English-grown grape trade. Never before has the quantity been so large, the quality so good and the price so low. Magnificent Black Hamburgh and Alicante can be had as low as 14 cents per pound, grown at Worthing, and even Muscats are down as low as a shilling (24 cents). Ordinary black grapes can now be grown at a profit for 1 shilling per pound, but at 14 cents they of course lose money. There was a time when nothing under about 3 shillings per pound left a profit, but the larger growers met the bad markets by cheapening production.

B. J.

THE RETAIL FLORIST.....

PRESENTATION PIECES.

It is quite the regular thing in certain flower stores to have calls for designs for presentation as testimonials of esteem or evidences of good will. The alderman-elect is presented with a "piece" by the members of the ward club, each of whom is living in hopes of sharing in the candidate's success; the wholesale cigar house sends flowers to the opening of the new corner saloon. It is a line of work which affords a good margin of profit and is capable of development, but is often productive of unusual requirements, for frequently the order goes elsewhere if the buyer's ideas, however grotesque, are opposed. Not long since a Chicago ward elected a saloonkeeper to the city council, and nothing would do for his friends but a huge round plaque representing the end of a beer keg, with a great faucet projecting from it. The florist made it, all right, the keg of Roosevelt carnations, the brass faucet of daffodils and the ward number lettered on in violets.

The accompanying illustration shows how well B. Abrahamson, a retailer on West Taylor street, Chicago, arose to the occasion when the Lion Store was opened in his neighborhood and he was called upon to make a piece symbolical of the name. He made it on a flat frame, to stand on a pedestal and be viewed only from one side. The body was made of pink carnations, with Bridesmaid roses for the parts of the lion which in nature are lighter colored. The mane was pink and white dahlias and the design was easily the hit of a quite lavish floral display.

DECORATORS' AIDS.

At the recent Chicago show the retailers were attracted by the tasteful staging of the Eaton Flower Store's fine display of violets, for the receptacle was distinctly new. It is an invention of M. V. Garnsey, of La Grange, Ill., who about a year ago put the now well-known Japana flower holder on the market. The Japana is a cylindrical piece of brilliant lead glass, fire polished. It is perforated with holes in which the stems of flowers are placed. The holder may be placed in any sort of receptacle and water poured over it, where it not only adds to the loose and tasteful arrangement of the flowers, permitting each to show its individuality, but it serves to keep them fresh, for the base of the holder is notched so that a circulation of water is provided. The holder is practically invisible when covered with water, but is of sufficient weight so that quite heavy, long-stemmed flowers may be used in it. It is particularly adapted to use with open bowls for bulbous stock. So well has this article pleased the public that Mr. Garnsey a few days ago shipped as a single order fifty barrels to a supply dealer in Germany.

The Anglais table decoration, as used by the Eatons at the Chicago show, is made of two units each containing a Japana holder, one unit crescent in form and one rectangular. Each piece is five and a half inches long and two and a half inches deep, and being made up of sections, many combinations of form can be arranged and adapted to any style of decoration. Each section containing a Japana holder, it affords a practical and simple method of arranging flowers in an artistic manner, and being only two and a half inches high, it permits of low treatment, the flowers not interfering with the view across the table.

A BRIDAL BOUQUET.

It is not often that we see a photograph of a man carrying a bridal bouquet; usually it is a woman. But in this case the maker of the bunch was so well pleased with his work that he repaired to the picture place and the photographer got them both on his negative. The gentleman is F. W. Kummer, manager of the Carolina Floral Co., Charleston, S. C., and the bunch is made of cattleyas, dendrobiums, lilies of the valley and Farleyense ferns, tied with chiffon. The bunch had a much lighter appearance than is indicated in the photograph, where the shadows produce a somewhat heavy effect.

Mr. Kummer was for five years the designer and maker-up for the J. M. Connelly Co., in Charleston, and is not only up-to-date in store work, but also in plant growing and in landscape work. He has been nineteen years in the business, having learned his trade in Switzerland, his native land. Charleston recently had a gala week and Mr. Kummer was awarded the prize for the best decorated store front, all the merchants on the principal streets having competed.

THE ART OF SALESMANSHIP.

Results the Test of Ability.

In opening this discussion it may serve the purpose better to first define an ideal salesman. The modern acceptance of the term is that of the salesman who sells the most, or makes the most money, as compared with others of his class, for the establishment in which he is employed. The sense in which this paper will deal with this topic is that the ideal salesman is the most successful salesman so far as financial returns are concerned.

Must Know Human Nature.

Considering the fact that the salesman comes in contact with all kinds of people, it is of prime importance that he be a good judge of human nature. He must know how to act, and act quickly, when a sale is at stake. He should be able to gain a fair knowledge of the disposi-



Presentation Piece by B. Abrahamson, Chicago.

tion of the customer from his first inquiries and general bearing. Some people enjoy conversation and an occasional joke; others are offended at too much talk. He must read his people so as to frame his remarks accordingly. Many sales are lost because the customer is displeased by an ill-timed word spoken by a clerk who fails of understanding his customer.

The successful salesman is the man who possesses an insight into the ways of his customers and sympathizes with them.

Know Your Goods.

A second requisite is a thorough knowledge of the goods offered for sale. Nothing is more discouraging to the success of any business than ignorance on the part of clerks. A knowledge of the goods and their uses often is the means of making a sale. For instance, a lady wishes to purchase potted plants for outdoor bedding purposes but is at sea for the want of ideas as to what she shall buy and how she shall use the plants after purchase. It is here that a clerk either can lose or make a sale. If he appears indifferent, either through ignorance or negligence, the customer may buy a slim bill, probably not enough to cover the ground and give satisfaction, or possibly she may become discouraged and buy nothing at all. On the other hand, if an intelligent or wide-awake, well-posted clerk politely offers a few suggestions he often can not only sell the goods but he frequently can increase the bill by selling more through cautious intimation and yet give the customer the best of satisfaction.

The old axiom that there is no salesmanship required when a customer says to a clerk, "Give me the goods or I will tell the boss," still holds good. Such a customer does not require a skilful salesman, but the salesman who sells things which people did not call for or want until their interest was awakened by the clerk is the salesman who passes in the fat salesbook at night.

The modern flower store from time to time receives new goods which require introduction to the trade. The ideal salesman does not forget to remind his customers of them or to explain their advantages. Many clerks are timid concerning the introduction of new goods, an attribute which should be foreign to the successful salesman.

Be Sure of Your Facts.

Ignorance in any branch of human endeavor is never at a premium. Nothing is more disgusting than to hear a clerk catch himself in his own trap, in assuming knowledge he does not possess. If a salesman does not know whereof he speaks, silence is to be commended. Caution is one of the cardinal virtues in salesmanship.

While a fair knowledge of Latin terminology is desirable it is not absolutely necessary in a salesman in a retail florist's establishment, but a thorough knowledge of structural and functional botany is of great importance. In these days of widespread intelligence, people often inquire as to the whys of plant life and expect an intelligent reply from one engaged in the business. In the large cities and in towns where culture prevails, many people study botany for their own amusement and naturally when they purchase at the flower stores they are often inclined to ask for explanations relating to the various phases of flowers and plants. If these inquiries are met with indifference and lack of information by the salesman, it does not create a good impression on the customer. While it cannot be expected of a salesman that he be an expert botanist and that he be able to throw light on the great problems of variation and cross-fertilization, he ought at least to have a conversational knowledge of plants and their peculiarities.



A Southern Bridal Bouquet and Its Maker.

Skill in Handling Stock.

Another important essential in the ideal salesman is proficiency in the arrangement of goods. For instance, a customer enters a retail store, wishing some cut flowers: The clerk gets them and throws them on a pile like so much hay, regardless of artistic arrangement, and without thought as to the proper light, so as to make them appear to the best advantage.

Let us reverse the case and put the clerk with tact and ingenuity in the place of the indifferent one. He is careful at all times when in the presence of a customer to handle the flowers as if they were of value. It leaves a bad impression if goods are handled carelessly, the customer often forming the opinion that you do not consider your goods of much worth. He loosely holds the roses, carnations or whatever he happens to be displaying, and grasps them at the lower part of the stems, so as to make them appear as graceful as possible. He tries to obtain the best light and through intelligent and well-directed endeavor he seeks to humor the customer's fancy.

Which of the two clerks is the better fitted to wait on the trade?

An ideal salesman takes the same amount of interest in the proprietor's business as if his own money were invested. He does not through lack of attention on his part allow any sale to escape him. He is always open to suggestion and is enterprising and always planning more effective methods of selling goods.

Tact is Invaluable.

One of the greatest resources which a salesman can possess is tact, the ability to discover a customer's wishes without asking too many questions. A great many people dislike an attack of questions and often take offense if too many are asked them. The average woman would rather look about the store and examine the goods before she purchases; and if she is not granted this privilege she may become irritated and in some cases may be inclined to leave the store.

In every business there is a class of customers who are easily offended and, as it were, are ready to fight at the drop of a hat. Some salesmen may say: "I can live without them; let them bother other dealers." Now, Mr. Salesman, if you are energetic and enterprising you cannot afford to lose one customer, no matter how little he buys. It often happens that customers who buy the least are quite influential. The ideal salesman never allows a customer to depart from the store dissatisfied if politeness, reason and common sense can accomplish this end.

Misrepresentation Fatal.

The misrepresentation of goods is a vital factor in the downfall of any business. The salesman who misrepresents goods for the sake of getting large sales for today fast loses prestige with his customers. The successful salesman looks

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The Anglais table decoration, as used by the Eatons at the Chicago show, is made of two units each containing a Japana holder, one unit crescent in form and one rectangular. Each piece is five and a half inches long and two and a half inches deep, and being made up of sections, many combinations of form can be arranged and adapted to any style of decoration. Each section containing a Japana holder, it affords a practical and simple method of arranging flowers in an artistic manner, and being only two and a half inches high, it permits of low treatment, the flowers not interfering with the view across the table.

A BRIDAL BOUQUET.

It is not often that we see a photograph of a man carrying a bridal bouquet; usually it is a woman. But in this case the maker of the bunch was so well pleased with his work that he repaired to the picture place and the photographer got them both on his negative. The gentleman is F. W. Kummer, manager of the Carolina Floral Co., Charleston, S. C., and the bunch is made of cattleyas, dendrobiums, lilies of the valley and Farleyense ferns, tied with chiffon. The bunch had a much lighter appearance than is indicated in the photograph, where the shadows produce a somewhat heavy effect.

Mr. Kummer was for five years the designer and maker-up for the J. M. Connelly Co., in Charleston, and is not only up-to-date in store work, but also in plant growing and in landscape work. He has been nineteen years in the business, having learned his trade in Switzerland, his native land. Charleston recently had a gala week and Mr. Kummer was awarded the prize for the best decorated store front, all the merchants on the principal streets having competed.

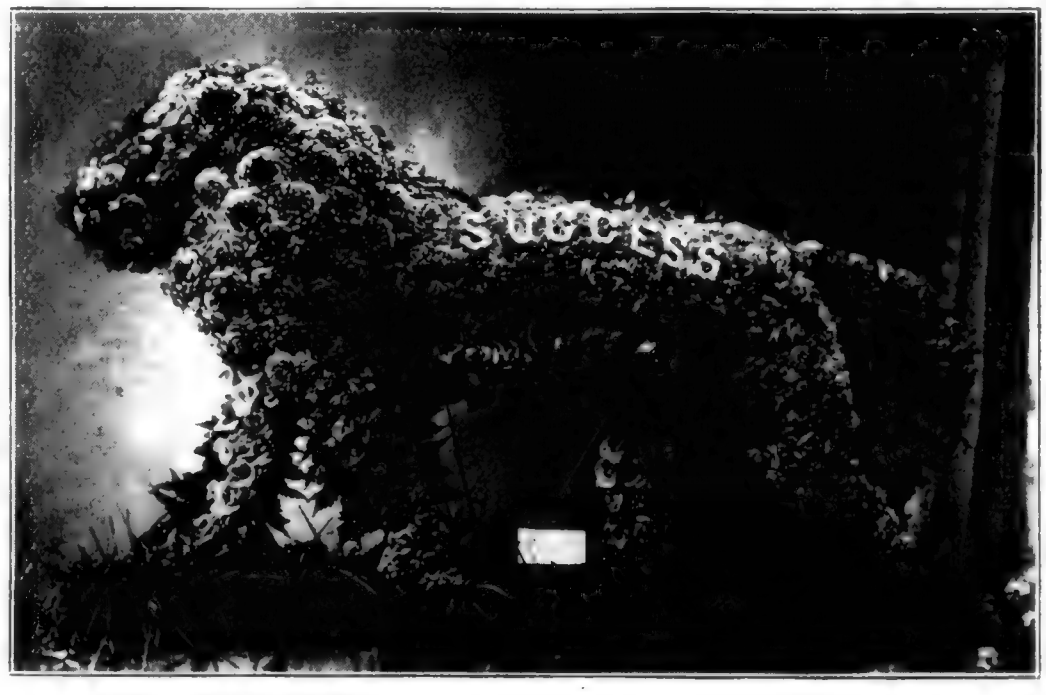
THE ART OF SALESMANSHIP.

Results the Test of Ability.

In opening this discussion it may serve the purpose better to first define an ideal salesman. The modern acceptance of the term is that of the salesman who sells the most, or makes the most money, as compared with others of his class, for the establishment in which he is employed. The sense in which this paper will deal with this topic is that the ideal salesman is the most successful salesman so far as financial returns are concerned.

Must Know Human Nature.

Considering the fact that the salesman comes in contact with all kinds of people, it is of prime importance that he be a good judge of human nature. He must know how to act, and act quickly, when a sale is at stake. He should be able to gain a fair knowledge of the disposi-



Presentation Piece by B. Abrahamson, Chicago.

tion of the customer from his first inquiries and general bearing. Some people enjoy conversation and an occasional joke; others are offended at too much talk. He must read his people so as to frame his remarks accordingly. Many sales are lost because the customer is displeased by an ill-timed word spoken by a clerk who fails of understanding his customer.

The successful salesman is the man who possesses an insight into the ways of his customers and sympathizes with them.

Know Your Goods.

A second requisite is a thorough knowledge of the goods offered for sale. Nothing is more discouraging to the success of any business than ignorance on the part of clerks. A knowledge of the goods and their uses often is the means of making a sale. For instance, a lady wishes to purchase potted plants for outdoor bedding purposes but is at sea for the want of ideas as to what she shall buy and how she shall use the plants after purchase. It is here that a clerk either can lose or make a sale. If he appears indifferent, either through ignorance or negligence, the customer may buy a slim bill, probably not enough to cover the ground and give satisfaction, or possibly she may become discouraged and buy nothing at all. On the other hand, if an intelligent or wide-awake, well-posted clerk politely offers a few suggestions he often can not only sell the goods but he frequently can increase the bill by selling more through cautious intimation and yet give the customer the best of satisfaction.

The old axiom that there is no salesmanship required when a customer says to a clerk, "Give me the goods or I will tell the boss," still holds good. Such a customer does not require a skilful salesman, but the salesman who sells things which people did not call for or want until their interest was awakened by the clerk is the salesman who passes in the fat salesbook at night.

The modern flower store from time to time receives new goods which require introduction to the trade. The ideal salesman does not forget to remind his customers of them or to explain their advantages. Many clerks are timid concerning the introduction of new goods, an attribute which should be foreign to the successful salesman.

Be Sure of Your Facts.

Ignorance in any branch of human endeavor is never at a premium. Nothing is more disgusting than to hear a clerk catch himself in his own trap, in assuming knowledge he does not possess. If a salesman does not know whereof he speaks, silence is to be commended. Caution is one of the cardinal virtues in salesmanship.

While a fair knowledge of Latin terminology is desirable it is not absolutely necessary in a salesman in a retail florist's establishment, but a thorough knowledge of structural and functional botany is of great importance. In these days of widespread intelligence, people often inquire as to the whys of plant life and expect an intelligent reply from one engaged in the business. In the large cities and in towns where culture prevails, many people study botany for their own amusement and naturally when they purchase at the flower stores they are often inclined to ask for explanations relating to the various phases of flowers and plants. If these inquiries are met with indifference and lack of information by the salesman, it does not create a good impression on the customer. While it cannot be expected of a salesman that he be an expert botanist and that he be able to throw light on the great problems of variation and cross-fertilization, he ought at least to have a conversational knowledge of plants and their peculiarities.



A Southern Bridal Bouquet and Its Maker.

Skill in Handling Stock.

Another important essential in the ideal salesman is proficiency in the arrangement of goods. For instance, a customer enters a retail store, wishing some cut flowers: The clerk gets them and throws them on a pile like so much hay, regardless of artistic arrangement, and without thought as to the proper light, so as to make them appear to the best advantage.

Let us reverse the case and put the clerk with tact and ingenuity in the place of the indifferent one. He is careful at all times when in the presence of a customer to handle the flowers as if they were of value. It leaves a bad impression if goods are handled carelessly, the customer often forming the opinion that you do not consider your goods of much worth. He loosely holds the roses, carnations or whatever he happens to be displaying, and grasps them at the lower part of the stems, so as to make them appear as graceful as possible. He tries to obtain the best light and through intelligent and well-directed endeavor he seeks to humor the customer's fancy.

Which of the two clerks is the better fitted to wait on the trade?

An ideal salesman takes the same amount of interest in the proprietor's business as if his own money were invested. He does not through lack of attention on his part allow any sale to escape him. He is always open to suggestion and is enterprising and always planning more effective methods of selling goods.

Tact is Invaluable.

One of the greatest resources which a salesman can possess is tact, the ability to discover a customer's wishes without asking too many questions. A great many people dislike an attack of questions and often take offense if too many are asked them. The average woman would rather look about the store and examine the goods before she purchases; and if she is not granted this privilege she may become irritated and in some cases may be inclined to leave the store.

In every business there is a class of customers who are easily offended and, as it were, are ready to fight at the drop of a hat. Some salesmen may say: "I can live without them; let them bother other dealers." Now, Mr. Salesman, if you are energetic and enterprising you cannot afford to lose one customer, no matter how little he buys. It often happens that customers who buy the least are quite influential. The ideal salesman never allows a customer to depart from the store dissatisfied if politeness, reason and common sense can accomplish this end.

Misrepresentation Fatal.

The misrepresentation of goods is a vital factor in the downfall of any business. The salesman who misrepresents goods for the sake of getting large sales for today fast loses prestige with his customers. The successful salesman looks

beyond today. He is willing to sacrifice a dollar or two if necessary for the future trade of a customer. It is not the dollar lost or made today, but the satisfaction given to customers which assures business perpetuity.

An accommodating salesman is a business-bringer; he is a standing recommendation for the firm employing him. Customers appreciate favors and are desirous of trading with salesmen possessing the trait of accommodation. It accomplishes even more when the salesman unasked, appreciating the position of the customer, offers the assistance which seems desirable. Business life is the same as life in general in the respect that those people are prized most highly who can enter with sympathy the interest of those about them, sympathy being interpreted to mean not flattery but rather a judicious understanding of the circumstances.

Politeness in any walk of life is pleasing. It seems obvious, and out of place to mention it in connection with this theme, but politeness often is sacrificed for business despatch. No one will dispute that despatch is desirable in business, but it must not be allowed to overreach its bounds and encroach on courtesy. This is an element in modern business methods which is underestimated and often proves expensive. A salesman may possess splendid selling instincts but if he lacks this simple essential he lacks one of the most important qualifications which go to make a successful salesman.

Common sense, which forms the basis of most successful ventures, is the greatest resource which a salesman can possess. To be able to understand the situation, determine the wants of the customer and then proceed to satisfy them in a manner pleasing to both customer and proprietor is the long and short of successful salesmanship, a salesmanship too rarely met with.

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Among the chrysanthemum exhibits, John A. Macrae's new sport of Yellow Eaton, appropriately named Golden Dome, stood preëminent. Massive in size, brilliant in color and with but slight chance for improvement in form, it easily deserved the meritorious comments received and the gold medal awarded. The E. G. Hill Co., Richmond, Ind., will disseminate this novelty during the coming season. Mr. Macrae also secured the lion's share of prizes in classes for twenty-five blooms of T. Eaton; display of not less than ten varieties in fifty bottles; also for six vases, ten blooms, long stems. Frank A. Sayles, Pawtucket, was also a prominent winner in the chrysanthemum display, securing numerous leading honors for six specimens of the various colors of standard varieties. Seth A. Borden, Fall River, Mass., won the coveted prize for twenty-five blooms of Col. D. Appleton. William Hill won several prizes with an exhibit comprising gems of the first water.

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In addition to the mums there were good lots of roses and carnations. Among the most attractive features of the exhibition were the floral pieces. One design for a center-piece for the table was a mound of yellow chrysanthemums with autumn foliage. Another piece was a basket of pale yellow mums and asparagus, while a wreath of the same combination was exquisite.

The judges were William F. Gude, Peter Bisset and Otto Bauer, of Washington. The awards follow:

Twenty-five crimson mums, silver cup, Edward Herrmann, first.

Twenty-five mums, five blooms distinct varieties, for prizes offered by Franklin Davis Nursery Co., G. A. Lotze, first.

Twelve blooms, distinct varieties for prizes offered by Franklin Davis Nursery Co., G. A. Lotze, first; C. R. Dieffenderffer, C. M. Wagner, gardener, second.

Three vases of twelve blooms each, for prizes offered by H. Waterer, Philadelphia, G. A. Lotze, first; C. Gregorious, second.

Twelve Appleton for prizes offered by H. F. Michell Co., Philadelphia, Mrs. James A. Garey, M. J. Hannigan, gardener, first.



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Twelve Dr. Enguehard for prizes offered by H. F. Michell Co., G. A. Lotze, first.
Four vases six blooms each, George Morrison, first; G. A. Lotze, second.
Twenty white incurved, Edwin Bishop, first.
Twenty yellow incurved, George Morrison, first; Edwin Bishop, second.
Twelve white, George Morrison, first; Edwin Bishop, second; F. C. Bauer, third.
Twelve yellow, George Morrison, first; I. H. Moss, second; Edwin Bishop, third.
Twelve blooms pink, George Morrison, first; F. C. Bauer, second; I. H. Moss, third.
Twelve crimson, Mrs. James A. Garey, first.
Twelve bronze, C. R. Dieffenderffer, first; George Morrison, second.
Six white, George Morrison, first; John Cook, second.
Six pink, G. A. Lotze, first; George Morrison, second.
Six any other color, George Morrison, first; Mrs. Garey, second.
Twenty-five in twenty-five varieties, G. A. Lotze, first.
White seedling, G. A. Lotze, first.
Yellow seedling, G. A. Lotze, first.
Collection of pompons, R. Vincent, Jr., & Sons, first.
Twenty-four Richmond roses for prize offered by S. Feast & Sons, Stevenson Bros., first.
Twelve American Beauty for prizes offered by George Hafer, Andrew Anderson, first; George Morrison, second.
Three vases twelve blooms each, distinct varieties for prizes offered by Mrs. Jacobs, John Cook, first; Stevenson Bros., second.
Twenty-five pink roses, Stevenson Bros., first.
Twenty-five white roses, Andrew Anderson, first.
Twenty-five Golden Gate, William Madson, first.
Fifty white carnations, P. B. Welsh, first.
Fifty red carnations, George Morrison, first.
Fifty pink carnations, F. R. Pierson Co., Tarrytown, N. Y., first on Winsor; Stevenson Bros., second.
Twelve pink seedling, F. R. Pierson Co., first, on Winsor.
Bride's bouquet, F. G. Burger, first.
Distinct design, F. G. Burger, first.
Basket, F. G. Burger, first.
Wreath of carnations, F. G. Burger, first.
Best specimen plant, George Morrison, first; Mrs. T. Harrison Garrett, C. Uffler, gardener, second.
Flowering plant, George Morrison, first.
Twelve crotons for prizes offered by George S. Kalb, George Morrison, first; C. R. Dieffenderffer, second.
Begonia for prizes offered by George S. Kalb, George Morrison, first.
Fern, Henry Fischer, first.
Orchid in bloom, George Morrison, first.
Group, Mrs. Garrett, first.
Group of ferns, Mrs. Garrett, first.
Specimen chrysanthemum plant, yellow, C. R. Dieffenderffer, first.
Specimen standard, C. R. Dieffenderffer, first.
Six plants, E. Herrmann, first; F. C. Bauer, second.
Twelve single-stemmed, C. R. Dieffenderffer, first; E. Herrmann, second.
Six single-stemmed, E. Herrmann, first; C. R. Dieffenderffer, second.
Twelve single varieties, C. R. Dieffenderffer, first.
Standard, C. R. Dieffenderffer, first.

The committee in charge of the exhibition was George Morrison, F. C. Bauer, G. A. Lotze, James Glass and J. J. Perry.

Banquet.

The members of the Florists' and Gardeners' Club met at the Academy Hotel November 13, where they had a number of guests. The banquet was held in the large dining hall, which was tastefully decorated with chrysanthemums. N. F. Flitton was toastmaster, and those who responded to toasts were William F. Gude, Otto Bauer and Peter Bisset, all of Washington; R. Vincent, Jr., of White Marsh; F. R. Pierson, Tarrytown, N. Y.; James McNabb, Catonsville, and F. G. Burger, Baltimore.

J. L. T.

HOUSTON, TEX.

One of the chief events of carnival week was the annual flower show for the Faith Home Association. J. D. Pruessner, of Galveston, was judge. The principal prize winners on chrysanthemum cut blooms were J. W. Vestal & Son, Little Rock, Ark. Charles Ehler and F. J. Saur were the largest local premium winners. Wm. Kutschbach had a fine display of bush plants out for competition.



A Little Over 5,000 Yards of Laurel Wreathing.
(The E. F. Winterson Co. Supplied Two-Wagon Loads, 10,000 yards, for the Chicago Show.)

COLUMBUS.

The annual chrysanthemum show of the Columbus Florists' Club was held November 13, afternoon and evening, in the club's new rooms in the Brent building. It looked early in the season as if the date set would be a little late, but as all mums here are unusually late this year, it turned out that we could not have selected a time that would have found our growers in better form. As the occasion was our house warming in the new quarters, the committee in charge of the evening's entertainment had provided a musical program. The exhibits of chrysanthemums were of a high order, and interest was manifested by the large attendance of members and their friends.

In the class for exhibition blooms, the Fifth Avenue Floral Co. was first with Timothy Eaton, W. H. Chadwick, Golden Wedding and Yellow Eaton; E. Metzmeier, with Alice Byron, Golden Chadwick and W. H. Chadwick, was second, and John H. Williams, with Major Bonnaffon, Modesto and Philadelphia, took third. The above awards were for six blooms.

In the class for three exhibition blooms, C. P. Torrey was first, with May Seddon, Souv. de Montbrun and Merza. The Fifth Avenue Floral Co. was second with Timothy Eaton, W. H. Chadwick and Yellow Eaton. For six commercial blooms, cut from three plants, John H. Williams took first with all Major Bonnaffons; E. Metzmeier second with Golden Chadwick and W. H. Chadwick; and third was won by the Fifth Avenue Floral Co., with W. H. Chadwick. For two commercial blooms cut from one plant, the Franklin Park Floral Co. was first with two blooms of W. H. Chadwick. The second prize in this class went to the Fifth Avenue Floral Co., for the same variety. For nine commercial blooms cut from three plants, E. Metzmeier was first with Golden Chadwick and W. H. Chadwick. John H. Williams with all Major Bonnaffons was second. The last regular class was for three commercial blooms cut from one plant. Again W. H. Chadwick took first, this time for Sherman Stephens; and the second was to the Fifth Avenue Floral Co., for the same variety.

The special features of the show that brought out the keenest competition were the prizes offered by Graff Bros. and M. B. Faxon. Graff Bros.' prize was for the best twelve blooms, to be judged by the commercial scale. The interest of the evening centered in this award, which the committee finally made to the Franklin Park Floral Co., for an assorted dozen of Golden Chadwick and W. H. Chadwick. The M. B. Faxon prize was for the best five commercial blooms, and was won by the Fifth Avenue Floral Co., with W. H. Chadwick. The Livingston Seed Co. staged a fine collection, including blooms of Dr. Enguehard, Golden Wedding, Lord Hopetoun, Major Bonnaffon, Alice Byron, Merza, Golden Chadwick, W. H. Chadwick, the Eatons and many others. C. A. Roth and Sherman Stephens also entered fine collections of cut blooms. As these last three exhibits were entered for exhibition only, the committee awarded Messrs. Livingston, Roth and Stephens each honorable mention. The committee on awards was M. B. Faxon, Samuel Graff and T. A. Sexton.

ZERO.

LAUREL WREATHING.

One of the earliest benefits resulting from the Chicago flower show has been the stimulation of the demand for laurel wreathing. Laurel was little known in the middle west until its usefulness was demonstrated by the excellent decoration for the Chicago flower show, where 15,000 yards were used. The decorators were Charles A. Samuelson and W. J. Smyth, and now laurel is in demand for all sorts of large jobs.

For the Chicago show 10,000 yards of the wreathing were supplied by the E. F. Winterson Co. The accompanying illustration gives some idea of the bulk of this great quantity of wreathing. The two-horse wagon shown carried only about one-half of the 10,000 yards the Winterson Company supplied.

I FEEL lost without your paper, as it has saved me many times its cost.—CHARLES F. ROHR, Naperville, Ill.

TWO RIVERS, WIS.—Louis Hartung says his recent loss by fire was $3,000. The buildings were insured, but the loss on stock was total. He will rebuild at once.

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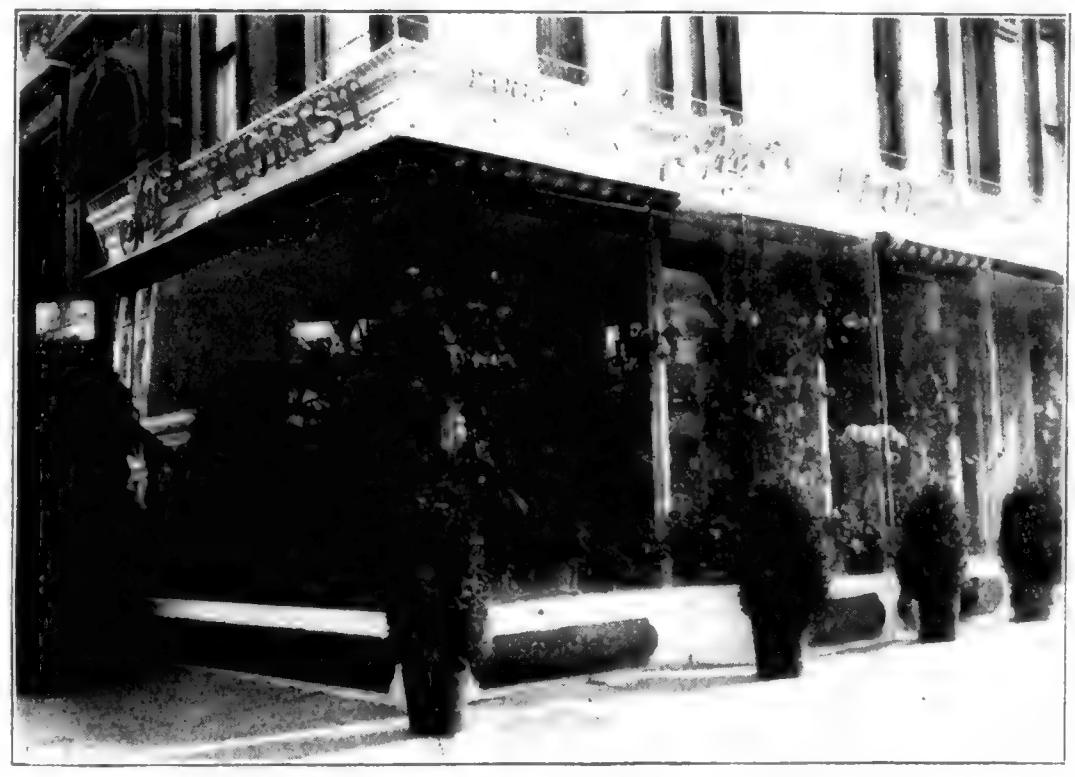
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Twenty-five pink roses, Stevenson Bros., first.
Twenty-five white roses, Andrew Anderson, first.
Twenty-five Golden Gate, William Madson, first.
Fifty white carnations, P. B. Welsh, first.
Fifty red carnations, George Morrison, first.
Fifty pink carnations, F. R. Pierson Co., Tarrytown, N. Y., first on Winsor; Stevenson Bros., second.
Twelve pink seedling, F. R. Pierson Co., first, on Winsor.
Bride's bouquet, F. G. Burger, first.
Distinct design, F. G. Burger, first.
Basket, F. G. Burger, first.
Wreath of carnations, F. G. Burger, first.
Best specimen plant, George Morrison, first; Mrs. T. Harrison Garrett, C. Uffler, gardener, second.
Flowering plant, George Morrison, first.
Twelve crotons for prizes offered by George S. Kalb, George Morrison, first; C. R. Dieffenderffer, second.
Begonia for prizes offered by George S. Kalb, George Morrison, first.
Fern, Henry Fischer, first.
Orchid in bloom, George Morrison, first.
Group, Mrs. Garrett, first.
Group of ferns, Mrs. Garrett, first.
Specimen chrysanthemum plant, yellow, C. R Dieffenderffer, first.
Specimen standard, C. R. Dieffenderffer, first.
Six plants, E. Herrmann, first; F. C. Bauer, second.
Twelve single-stemmed, C. R. Dieffenderffer, first; E. Herrmann, second.
Six single-stemmed, E. Herrmann, first; C. R. Dieffenderffer, second.
Twelve single varieties, C. R. Dieffenderffer, first.
Standard, C. R. Dieffenderffer, first.

The committee in charge of the exhibition was George Morrison, F. C. Bauer, G. A. Lotze, James Glass and J. J. Perry.

Banquet.

The members of the Florists' and Gardeners' Club met at the Academy Hotel November 13, where they had a number of guests. The banquet was held in the large dining hall, which was tastefully decorated with chrysanthemums. N. F. Flitton was toastmaster, and those who responded to toasts were William F. Gude, Otto Bauer and Peter Bisset, all of Washington; R. Vincent, Jr., of White Marsh; F. R. Pierson, Tarrytown, N. Y.; James McNabb, Catonsville, and F. G. Burger, Baltimore.

J. L. T.

HOUSTON, TEX.

One of the chief events of carnival week was the annual flower show for the Faith Home Association. J. D. Pruessner, of Galveston, was judge. The principal prize winners on chrysanthemum cut blooms were J. W. Vestal & Son, Little Rock, Ark. Charles Ehler and F. J. Saur were the largest local premium winners. Wm. Kutschbach had a fine display of bush plants out for competition.



A Little Over 5,000 Yards of Laurel Wreathing.
(The E. F. Winterson Co. Supplied Two-Wagon Loads, 10,000 yards, for the Chicago Show.

COLUMBUS.

The annual chrysanthemum show of the Columbus Florists' Club was held November 13, afternoon and evening, in the club's new rooms in the Brent building. It looked early in the season as if the date set would be a little late, but as all mums here are unusually late this year, it turned out that we could not have selected a time that would have found our growers in better form. As the occasion was our house warming in the new quarters, the committee in charge of the evening's entertainment had provided a musical program. The exhibits of chrysanthemums were of a high order, and interest was manifested by the large attendance of members and their friends.

In the class for exhibition blooms, the Fifth Avenue Floral Co. was first with Timothy Eaton, W. H. Chadwick, Golden Wedding and Yellow Eaton; E. Metzmeier, with Alice Byron, Golden Chadwick and W. H. Chadwick, was second, and John H. Williams, with Major Bonnaffon, Modesto and Philadelphia, took third. The above awards were for six blooms.

In the class for three exhibition blooms, C. P. Torrey was first, with May Seddon, Souv. de Montbrun and Merza. The Fifth Avenue Floral Co. was second with Timothy Eaton, W. H. Chadwick and Yellow Eaton. For six commercial blooms, cut from three plants, John H. Williams took first with all Major Bonnaffons; E. Metzmeier second with Golden Chadwick and W. H. Chadwick; and third was won by the Fifth Avenue Floral Co., with W. H. Chadwick. For two commercial blooms cut from one plant, the Franklin Park Floral Co. was first with two blooms of W. H. Chadwick. The second prize in this class went to the Fifth Avenue Floral Co., for the same variety. For nine commercial blooms cut from three plants, E. Metzmeier was first with Golden Chadwick and W. H. Chadwick. John H. Williams with all Major Bonnaffons was second. The last regular class was for three commercial blooms cut from one plant. Again W. H. Chadwick took first, this time for Sherman Stephens; and the second was to the Fifth Avenue Floral Co., for the same variety.

The special features of the show that brought out the keenest competition were the prizes offered by Graff Bros. and M. B. Faxon. Graff Bros.' prize was for the best twelve blooms, to be judged by the commercial scale. The interest of the evening centered in this award, which the committee finally made to the Franklin Park Floral Co., for an assorted dozen of Golden Chadwick and W. H. Chadwick. The M. B. Faxon prize was for the best five commercial blooms, and was won by the Fifth Avenue Floral Co., with W. H. Chadwick. The Livingston Seed Co. staged a fine collection, including blooms of Dr. Enguehard, Golden Wedding, Lord Hopetoun, Major Bonnaffon, Alice Byron, Merza, Golden Chadwick, W. H. Chadwick, the Eatons and many others. C. A. Roth and Sherman Stephens also entered fine collections of cut blooms. As these last three exhibits were entered for exhibition only, the committee awarded Messrs. Livingston, Roth and Stephens each honorable mention. The committee on awards was M. B. Faxon, Samuel Graff and T. A. Sexton.

ZERO.

LAUREL WREATHING.

One of the earliest benefits resulting from the Chicago flower show has been the stimulation of the demand for laurel wreathing. Laurel was little known in the middle west until its usefulness was demonstrated by the excellent decoration for the Chicago flower show, where 15,000 yards were used. The decorators were Charles A. Samuelson and W. J. Smyth, and now laurel is in demand for all sorts of large jobs.

For the Chicago show 10,000 yards of the wreathing were supplied by the E. F. Winterson Co. The accompanying illustration gives some idea of the bulk of this great quantity of wreathing. The two-horse wagon shown carried only about one-half of the 10,000 yards the Winterson Company supplied.

I FEEL lost without your paper, as it has saved me many times its cost.—CHARLES F. ROHR, Naperville, Ill.

TWO RIVERS, WIS.—Louis Hartung says his recent loss by fire was $3,000. The buildings were insured, but the loss on stock was total. He will rebuild at once.

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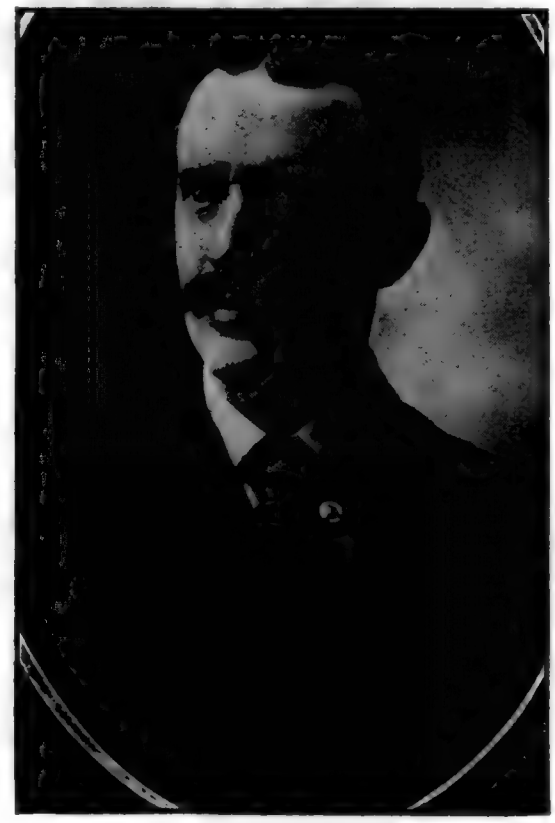
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BOSTON.

The Market.

A much improved tone has been apparent in the market during the last few days, due in some degree to a better demand and also to the customary holding back for Thanksgiving. Chrysanthemums have cleared well. Some small blooms have sold as low as $2 per hundred, mediums at $5 to $8, while select blooms brought $3 to $4 per dozen. Roses have also sold better at about the same rates as a week ago except that better grades show a hardening tendency. Carnations have cleared out well at from $1.50 to $4 per hundred. Scarlet shades of good quality made the top price.

Violets took a boom on November 17 for the big football games, realizing $1 per hundred. From 50 cents to 75 cents per hundred has been the steady average on other days. Singles are now of superb quality. Sweet peas remain at $1 per hundred, snapdragon $4, valley $3 to $5, lilies and callas $12.50. Bouvardia comes from several growers and sells in various sized bunches at 25 cents, 50 cents and 75 cents per bunch. Adiantum, smilax and asparagus remain about the same. Some nice azaleas, cyclamens, Lorrain begonias, ardisias and solanums are arriving in addition to pots of chrysanthemums.

Horticultural Society Election.

The annual election of the Massachusetts Horticultural Society on November 17 drew out the largest gathering seen for a number of years at a similar meeting. Special interest attached to the election for president, W. W. Rawson running as an independent candidate against Gen. S. M. Weld, the regular nominee. An appropriation of $5,500 for prizes during 1907 was carried. Considerable discussion took place in regard to the nominating committee ignoring Mr. Rawson's claim to the presidency, in which President A. F. Estabrook, W. H. Spooner, W. W. Rawson, Jas. H. Bowditch and others took part.

Voting was by Australian ballot, the following being the result: For president, Gen. Weld 136 votes, W. W. Rawson 66. Other officers elected were vice-president for two years, C. S. Sargent; trustees for three years, W. N. Craig, A. F. Estabrook, A. O. Hill and John K. M. L. Farquhar; nominating committee, A. F. Estabrook, W. H. Heustis, William Nicholson, Loring Underwood and Edward B. Wilder.

Club Meeting.

All records for attendance were once more broken at the meeting of the Gardeners' and Florists' Club November 20. It was evident that considerable canvassing had been in progress on behalf of some of the candidates and a keen interest was taken in the struggle for the presidency between T. H. Westwood and J. W. Duncan. The nominating committee, Messrs. Orpet, Cameron and Heurlin, according to a previous vote of the club, brought in two sets of names for each office. Balloting by the Australian system occupied considerable time, the final result being announced as follows: President, T. H. Westwood, sixty-seven votes to J. W. Duncan sixty; vice-president, F. E. Palmer, Brookline; secretary, W. N. Craig, North Easton; treasurer, Edward Hatch; executive committee, Messrs. Cameron, Wheeler, Grey and Nicholson. The tellers were Messrs. Orpet, Sim, Rea, Finlayson and Cameron.

The membership list was once again increased to the extent of seventeen names and more are promised for the December meeting. It was reported that a good start in securing applications for the landscape gardening classes had been made, starting with fifty, and quite a number more expressed their desire to join them. Treasurer Hatch offered $100 to assist the work.

Exhibits were quite numerous and included S. J. Goddard's new variegated seedling carnation, Helen Goddard x Enchantress, which showed up well. Other seedling carnations were from M. A. Patten & Co. and the Stevens Co. Each received a vote of thanks, as did Duncan Finlayson for a fine collection of mums, also a report of merit for Calanthe vettata lutea. W. N. Craig showed twenty-five varieties of single geraniums of the large round-flowered type, also pompon and single chrysanthemums, and received a report of merit for the geraniums. Sim had his new single violet and Fletcher showed Ficus altissima. James Salter brought fine Enchantress carnations and W. H. Heustis showed Ilex glabra. C. H. Totty sent a collection of pompon and single mums.

A lecture by W. H. Wyman was announced for the December meeting.

Queries from the question box and refreshments took up some time and it was quite a late hour before the biggest and best club meeting yet held adjourned, all being brimful of enthusiasm.

Various Notes.

D. Henry Sullivan, for twelve years assistant superintendent under the late William Doogue, succeeds the latter as superintendent of the Boston Public Grounds.

H. N. Eaton, of South Sudbury, is bringing in some fine flowers of his namesake in chrysanthemums.

Charles Algen, an employee of J. Newman & Son, was thrown out of a hack and quite badly hurt November 16.

Bulb planting has just been completed in the Boston Public Gardens. Some 400,000 tulips and 50,000 hyacinths, in addition to narcissi, etc., were used.

On November 18 and 19 shade temperatures reached 68 degrees. So far we have escaped the snow blanket which has stretched north, south and east of us.

H. M. Robinson & Co. report a steadily increasing trade in cut flowers. November 17 was a strenuous day with them.

S. J. Goddard was a successful exhibitor of carnations at the recent Providence, R. I., shows.

Peirce Bros. are, as usual, marketing big quantities of Bonnaffon, Ivory, Balfour and other mums of fine quality.

W. N. CRAIG.

The Editor is pleased when a Reader presents his ideas on any subject treated

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

APPLETON, WIS.

Upon a recent trip to Appleton, M. Crawford, of Cuyahoga Falls, O., said he always likes to visit here because he has an old friend and classmate of his school years here in Miss May Carter, preceptress at Ormsby hall. In the conversation it developed Miss Carter was born and reared in Cuyahoga Falls, and that the May gladiolus, one of the most widely grown varieties, was named after Miss Carter. It seems when Mr. Crawford was first experimenting in what has become his life work he was working one day when Miss Carter and other classmates called on him, and before they left he named a bulb after each of them. The bulb named after Miss Carter happened to possess the properties requisite for its going all over the world, and though few know where it derived its name, Gladiolus May, Mr. Crawford divulged the secret.

DANVILLE, ILL.

Danville is one of the most important cities in Illinois outside of Chicago. Our shipping facilities consist of both steam and electric lines. No one with money needs to have any fear in locating here, as Chicago can be reached with our flowers in three hours over any one of three different lines. It is also one of the healthiest cities in the country.

We had a flower show at the Soldiers' Home November 11. It was free to the public and was well attended all day. It was a real treat to flower lovers.

All the florists report trade good in cut flowers, the demand being greater than the supply.

Mr. Wadsworth has bought a place in a fine location.

A. W. M.

CANON CITY, COLO.—E. R. Bess has opened a flower store at 322 Main street.

STREATOR, ILL.—The Hill Floral Co. makes a fine showing of mums, carnations, roses and sweet peas. The firm has six greenhouses and three acres of land.

ANN ARBOR, MICH.—J. G. Bischoff has finished one of his new greenhouses. When all of the improvements contemplated are finished he will have one of the finest ranges in the country.

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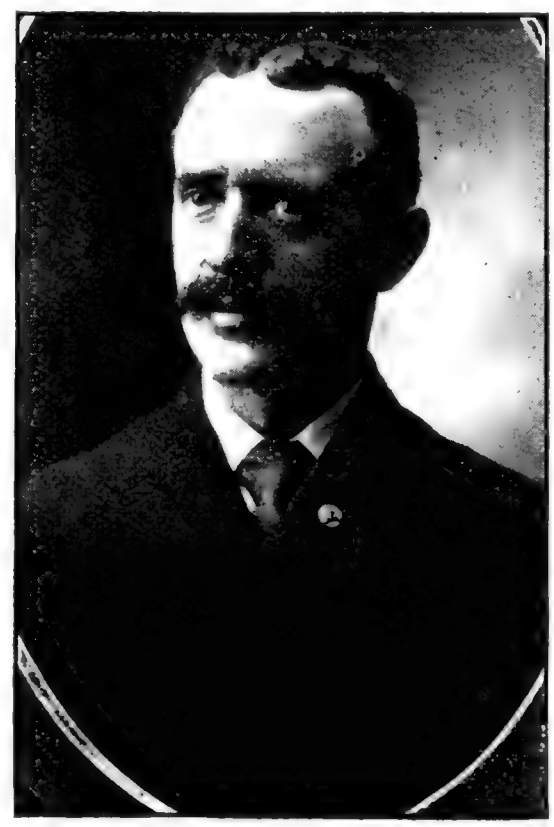
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BOSTON.

The Market.

A much improved tone has been apparent in the market during the last few days, due in some degree to a better demand and also to the customary holding back for Thanksgiving. Chrysanthemums have cleared well. Some small blooms have sold as low as $2 per hundred, mediums at $5 to $8, while select blooms brought $3 to $4 per dozen. Roses have also sold better at about the same rates as a week ago except that better grades show a hardening tendency. Carnations have cleared out well at from $1.50 to $4 per hundred. Scarlet shades of good quality made the top price.

Violets took a boom on November 17 for the big football games, realizing $1 per hundred. From 50 cents to 75 cents per hundred has been the steady average on other days. Singles are now of superb quality. Sweet peas remain at $1 per hundred, snapdragon $4, valley $3 to $5, lilies and callas $12.50. Bouvardia comes from several growers and sells in various sized bunches at 25 cents, 50 cents and 75 cents per bunch. Adiantum, smilax and asparagus remain about the same. Some nice azaleas, cyclamens, Lorrain begonias, ardisias and solanums are arriving in addition to pots of chrysanthemums.

Horticultural Society Election.

The annual election of the Massachusetts Horticultural Society on November 17 drew out the largest gathering seen for a number of years at a similar meeting. Special interest attached to the election for president, W. W. Rawson running as an independent candidate against Gen. S. M. Weld, the regular nominee. An appropriation of $5,500 for prizes during 1907 was carried. Considerable discussion took place in regard to the nominating committee ignoring Mr. Rawson's claim to the presidency, in which President A. F. Estabrook, W. H. Spooner, W. W. Rawson, Jas. H. Bowditch and others took part.

Voting was by Australian ballot, the following being the result: For president, Gen. Weld 136 votes, W. W. Rawson 66. Other officers elected were vice-president for two years, C. S. Sargent; trustees for three years, W. N. Craig, A. F. Estabrook, A. O. Hill and John K. M. L. Farquhar; nominating committee, A. F. Estabrook, W. H. Heustis, William Nicholson, Loring Underwood and Edward B. Wilder.

Club Meeting.

All records for attendance were once more broken at the meeting of the Gardeners' and Florists' Club November 20. It was evident that considerable canvassing had been in progress on behalf of some of the candidates and a keen interest was taken in the struggle for the presidency between T. H. Westwood and J. W. Duncan. The nominating committee, Messrs. Orpet, Cameron and Heurlin, according to a previous vote of the club, brought in two sets of names for each office. Balloting by the Australian system occupied considerable time, the final result being announced as follows: President, T. H. Westwood, sixty-seven votes to J. W. Duncan sixty; vice-president, F. E. Palmer, Brookline; secretary, W. N. Craig, North Easton; treasurer, Edward Hatch; executive committee, Messrs. Cameron, Wheeler, Grey and Nicholson. The tellers were Messrs. Orpet, Sim, Rea, Finlayson and Cameron.

The membership list was once again increased to the extent of seventeen names and more are promised for the December meeting. It was reported that a good start in securing applications for the landscape gardening classes had been made, starting with fifty, and quite a number more expressed their desire to join them. Treasurer Hatch offered $100 to assist the work.

Exhibits were quite numerous and included S. J. Goddard's new variegated seedling carnation, Helen Goddard x Enchantress, which showed up well. Other seedling carnations were from M. A. Patten & Co. and the Stevens Co. Each received a vote of thanks, as did Duncan Finlayson for a fine collection of mums, also a report of merit for Calanthe vettata lutea. W. N. Craig showed twenty-five varieties of single geraniums of the large round-flowered type, also pompon and single chrysanthemums, and received a report of merit for the geraniums. Sim had his new single violet and Fletcher showed Ficus altissima. James Salter brought fine Enchantress carnations and W. H. Heustis showed Ilex glabra. C. H. Totty sent a collection of pompon and single mums.

A lecture by W. H. Wyman was announced for the December meeting.

Queries from the question box and refreshments took up some time and it was quite a late hour before the biggest and best club meeting yet held adjourned, all being brimful of enthusiasm.

Various Notes.

D. Henry Sullivan, for twelve years assistant superintendent under the late William Doogue, succeeds the latter as superintendent of the Boston Public Grounds.

H. N. Eaton, of South Sudbury, is bringing in some fine flowers of his namesake in chrysanthemums.

Charles Algen, an employee of J. Newman & Son, was thrown out of a hack and quite badly hurt November 16.

Bulb planting has just been completed in the Boston Public Gardens. Some 400,000 tulips and 50,000 hyacinths, in addition to narcissi, etc., were used.

On November 18 and 19 shade temperatures reached 68 degrees. So far we have escaped the snow blanket which has stretched north, south and east of us.

H. M. Robinson & Co. report a steadily increasing trade in cut flowers. November 17 was a strenuous day with them.

S. J. Goddard was a successful exhibitor of carnations at the recent Providence, R. I., shows.

Peirce Bros. are, as usual, marketing big quantities of Bonnaffon, Ivory, Balfour and other mums of fine quality.

W. N. CRAIG.

The Editor is pleased when a Reader presents his ideas on any subject treated

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

APPLETON, WIS.

Upon a recent trip to Appleton, M. Crawford, of Cuyahoga Falls, O., said he always likes to visit here because he has an old friend and classmate of his school years here in Miss May Carter, preceptress at Ormsby hall. In the conversation it developed Miss Carter was born and reared in Cuyahoga Falls, and that the May gladiolus, one of the most widely grown varieties, was named after Miss Carter. It seems when Mr. Crawford was first experimenting in what has become his life work he was working one day when Miss Carter and other classmates called on him, and before they left he named a bulb after each of them. The bulb named after Miss Carter happened to possess the properties requisite for its going all over the world, and though few know where it derived its name, Gladiolus May, Mr. Crawford divulged the secret.

DANVILLE, ILL.

Danville is one of the most important cities in Illinois outside of Chicago. Our shipping facilities consist of both steam and electric lines. No one with money needs to have any fear in locating here, as Chicago can be reached with our flowers in three hours over any one of three different lines. It is also one of the healthiest cities in the country.

We had a flower show at the Soldiers' Home November 11. It was free to the public and was well attended all day. It was a real treat to flower lovers.

All the florists report trade good in cut flowers, the demand being greater than the supply.

Mr. Wadsworth has bought a place in a fine location.

A. W. M.

CANON CITY, COLO.—E. R. Bess has opened a flower store at 322 Main street.

STREATOR, ILL.—The Hill Floral Co. makes a fine showing of mums, carnations, roses and sweet peas. The firm has six greenhouses and three acres of land.

ANN ARBOR, MICH.—J. G. Bischoff has finished one of his new greenhouses. When all of the improvements contemplated are finished he will have one of the finest ranges in the country.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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CHATTANOOGA, TENN.—The trade here is suffering from an over-production of chrysanthemums. The greenhouses are filled with mums and, despite the fact that they are selling fast, there is a big surplus.

SPECIAL CHRISTMAS ISSUE.

The Special Christmas Number of the REVIEW will be issued as usual, being mailed to the trade on the morning of December 13. The special issues of the REVIEW are of such great interest to the whole trade that the advertising in them is increasing not only steadily but rapidly. Advertisers will give us much assistance in turning out a well printed Christmas Number by sending advertising copy early.

GOOD PACKING.

A man does not require a college education to be able to pack plants so that they will ship safely; rather does he require a little of that genius which has been defined as the ability to do small things well. Almost anyone may learn how plants should be packed, and also how they should not be packed, by noting the packing of the various shipments which he receives. There is no detail of the plantsman's business which is of greater importance than the packing. No matter how good stock may be when it is sent out, if it is not well packed it is more or less valueless when it reaches its destination some hundreds of miles away. Any man who hopes to build up a wholesale business in plants, or who even expects to maintain an outlet for his surplus stock, cannot afford the big little detail of packing his stock well.

SOCIETY OF AMERICAN FLORISTS

Express Company Answers.

The United States Express Co. has made answer to the complaint of the Society of American Florists, which was filed against it a short time ago, with the Interstate Commerce Commission at Washington.

It will be remembered that the complaint was based on the raising of rates by the express company on flowers carried from points in Pennsylvania and New Jersey to New York City. In its answer, by its attorneys, Boardman, Platt & Dunning, of 35 Wall street, New York City, the company practically denies knowledge of the existence of the Society of American Florists and its work. It admits that "certain individuals and companies made shipments of flowers from the points mentioned in the complaint" to New York City. It denies that the present rates on flowers are unjust or unreasonable, and further denies that prior to May 1, 1906, empty boxes were returned free of charge from New York City, but that prior to May 1, 1906, the rates on empty boxes returned from New York City to the points mentioned were: "Under fifteen pounds, 5 cents each; over fifteen pounds, 10 cents each; refrigerator boxes, 25 cents each." It denies that since May 1, 1906, it has unreasonably exacted the same charges per 100 pounds for the return of empties as it exacts for flowers.

The answer states that at Somerville and Chatham, N. J; Philadelphia, Allentown and Dorranceton, Pa., the company maintains, "at great expense," wagon service which is available to all shippers of flowers, "without charge other than the said express rates." It says that the shippers of flowers at these places bring their shipments to the stations at an unreasonably short time before the departure of trains, causing serious inconvenience to express agents. It closes with the request that the complaint of the S. A. F. be dismissed.

Department of Plant Registration.

The H. Weber & Sons Co., Oakland, Md., submits for registration the following:

Carnation Toreador, white, overlaid with deep pink, after the style of Prosperity, but showing more and deeper color, particularly the inner portion of the flower, bounded on the outer edge of petals by a distinct white zone. Flowers fully as large as Prosperity at its best. A strong grower, stems long and extra strong.

Chrysanthemum Weber's Chadwick, a yellow sport of Golden Chadwick, much deeper in color than its parent and several shades deeper than Major Bonnaffon. WM. J. STEWART, Sec'y.

CHICAGO.

The Great Central Market.

The market was exceedingly dull all last week, local demand being light and shipping trade nothing to brag about in the later days of the period. This week opened with three days of dark, stormy weather, such as is not favorable to transient trade, and those houses which do not cater specially to the shipping demand noted little improvement. Lighter receipts have in a measure improved the tone of the market, but there is not the activity which is to be expected in the latter half of November.

Chrysanthemums became a serious glut last week and first-class stock sold at prices which looked insignificant as compared with the values realized earlier in the season. The best grade has sold fairly well, although at reduced prices. It has been the small, weak-stemmed stuff which has piled up. The receipts have been far ahead of the market requirements and clean-up sales have been made at little or nothing after the stock got stale. It looks as though the end of the chrysanthemum season is not far off. Doubtless there will be small supplies up to Christmas, but a few days after Thanksgiving will see the mums pretty well out of the way.

Even Beauties have been rather more than equal to the demand in the last week. First-class Brides and Maids have failed to hold up to quotations, there being larger receipts than the daily requirements, and short and weak-stemmed roses have sold very low. There are large crops of both Liberty and Richmond. The quality of all roses averages excellent.

The carnation crops have been retarded by unfavorable weather, but there are enough to go the rounds. First-class stock is to be had in all the wholesale houses and prices have been fairly well maintained. It looks as though growers are holding back for Thanksgiving, and if this is the case they will have occasion to regret their action, for the big shipping orders for carnations which have usually been a feature of the market are lacking this year; recent prices have scared off the big buyers.

Supplies of Harrisii and callas have been light and orders difficult to fill. True to the prediction of H. N. Bruns, quoted in the REVIEW five or six weeks ago, valley has become quite scarce and prices on the best stock have advanced to $5 per hundred, which is about the limit. Buyers usually turn to something

We Want Your Orders for

THANKSGIVING

PLENTY OF STOCK BEST QUALITY.....

We conduct our business on the principle that it is better to give a man more than he expects than to have him disappointed by unlimited claims.

Yet even our competitors concede that there is no house in the West that handles such uniformly good stock. We have an evenly balanced supply—good stock in all departments—not only now but all the time—and do a constantly increasing business—giving **satisfaction** to both shipper and buyer.

FOR THANKSGIVING

we shall have an exceptionally fine lot of **Chrysanthemums** in the best late varieties, all colors, all prices; **Beauties** of excellent quality in all lengths; **Tea Roses** as fine as they can be had; **Carnations,** splendid flowers, strong stems—Enchantress especially good; Best **Violets** from New York; Fancy **Valley; Bouvardia; Sweet Peas. Our Asparagus Strings** took first prize at the Chicago show.

Thanksgiving Price List.

AMERICAN BEAUTY,		
36 to 40-inch stem	per doz.,	$5.00 to $6.00
24 to 30-inch stem	per doz.,	4.00
20-inch stem	"	3.00
15-inch stem	"	2.00
12-inch stem	"	1.50
Short stem	"	1.00
Bridesmaids	per 100,	$4.00 to 8.00
Brides	"	4.00 to 8.00
Kaiserin	"	5.00 to 10.00
Chatenay	"	4.00 to 8.00
Golden Gate	"	4.00 to 8.00
Richmond or Liberty	"	5.00 to 10.00
Carnations	"	3.00 to 4.00
" large & fancy	"	4.00 to 6.00
Chrysanthemums, fancy	per doz.,	3.00 to 4.00
" medium.	"	1.50 to 2.00
" small	per 100,	8.00 to 10.00
Violets, single	"	1.00 to 1 50
" fancy N. Y. double	"	1.50 to 2.00
Valley	"	3.00 to 5.00
Easter Lilies	per doz.,	2.00
Callas	"	2.00
Paper Whites	per 100	4.00
Bouvardia	"	2.00 to 4.00
Sweet Peas	"	1.00 to 1.50
Asparagus	per string,	.35 to .50
Asparagus Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.00; per 100,	.15
Galax, bronze	" 1.25; "	.15
Adiantum Cuneatum	"	1.00
Adiantum Croweanum	"	1.50
Leucothoe Sprays	"	.75
Smilax	per doz., $1.50 "	12.00
Fancy Ferns	per 1000, 1.50 "	.20
Boxwood	per bunch	.35

Subject to change without notice.

PLACE ORDERS NOW FOR POINSETTIAS FOR CHRISTMAS

Special fancy, $4 per doz.; Smaller grades, $2 to $3 per doz.

Shipped in original boxes of 50 as packed at the greenhouses.

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-36 Randolph St. CHICAGO, ILL.

Long Distance Phones, 1978 and 1977 Central. Automatic 7846.

C. W. McKELLAR

HEADQUARTERS FOR

Long Distance Phone, Central 3598

51 Wabash Avenue, CHICAGO



ORCHIDS

and all Fancy Flowers and Decorative Stock

SEASONABLE SUPPLIES OF ALL KINDS

for Thanksgiving

THANKSGIVING PRICE LIST

ORCHIDS, a specialty	Per doz.
Cattleyas	$6.00 to $7.50
Dendrobium Formosum	4.00 to 5.00
Assorted Orchids, per box	5.00 to 25.00
Beauties, Extra Fancy	5.00 to 6.00
" 24 to 36-in. stems	3.00 to 4.00
" 15 to 24-in. stems	2.00 to 2.50
" 8 to 12-in. stems	1.00 to 1.50
	Per 100
Brides, Maids	$5.00 to $8.00
Chatenay, Kaiserin	5.00 to 8.00
Liberty, Richmond	5.00 to 10.00
Perles, Sunrise, Gates	$5.00 to $8.00
Roses, my selection	4.00
Carnations, large fancy	5.00 to 6.00
" medium, good stock	3.00 to 4.00
Valley	3.00 to 4.00
" special	5.00
Chrysanthemums, fancy	25.00
" good grade	15.00 to 20.00
Small Mums	8.00 to 12.00
Violets	1.50 to 2.00
Mignonette	4.00 to 6.00
Harrisii and Callas	$15.00 to $20.00
Greens, Smilax strings, per doz.	1.50
Asparagus strings, each	.40 to .50
" Plumosus Sprengeri, bunch	.25 to .50
Adiantum	1.00
Ferns, common, per 1000	1.50
Galax, Green "	1.00
" Bronze "	1.50
Leucothoe Sprays	.75
Wild Smilax, per case	$3, $4, $5, $6

Mention The Review when you write.

else when more than $4 is asked. However, shipments of eastern valley already are being received and the scarcity is likely to be of short duration. New pips already are in for early forcing.

There are a few sweet peas, bouvardias and other specialties in the market. Paper Whites are plentiful. Green goods are abundant.

Chicago's Great Train Service.

A compilation by the Travelers', Shippers' and Mail Guide shows that 1,537 trains—passenger, mail and freight—daily arrive in and depart from Chicago. It is stated no other city in the world can equal this record. The total number of through passenger and mail trains arriving and departing is 455, of suburban trains 807, and of freight trains 272.

The Deering Funeral.

On Monday the E. Wienhoeber Co. had what was possibly the largest funeral of the season, that of the only daughter of the Deering who founded the great harvester works. The casket cover was made of orchids, valley and adiantum and represented $400. McKellar supplied for the day orchids to the value of nearly $200. Practically all the valley in town was used. Three of Wienhoeber's wagons were required to take the flowers to Graceland.

Incidentally, it is worth noting that Chicago retailers are charging for their teams, usually $5 each, when called for for service at funerals.

Violets.

The receipts of New York violets fell off noticeably last week. There are varying opinions as to the cause. One wholesaler says it was the horse show in New York. Another avers that there is no crop on at Rhinebeck. A buyer suggests that the growers have had an intimation that Thanksgiving is coming. At any rate, prices advanced on an otherwise weak market, and practically all the houses are asking more money on orders offered for Thanksgiving. There may be plenty of violets, but the wholesalers do not wish to be caught. If this market does not return as good prices as are realized in New York, that is the end of the violet supply, at least for a time.

Boxwood.

There are varying reports as to the sale of boxwood sprays, but it begins to look as though the boxwood business is likely to be overdone. A couple of energetic gentlemen from the east took large orders from practically all the wholesalers and then supplied the leading retailers, so that everyone has boxwood. Some of the small florists who have not used it until this season have been introduced and are consuming considerable quantities in funeral work, but the market looks to have boxwood to last until the cows come home.

Carnation Winsor.

J. R. Fotheringham, of the F. R. Pierson Co., Tarrytown, N. Y., has spent the time since the flower show in visiting the growers around Chicago. Nearly all the growers attended the show, but Mr. Fotheringham says it surprised him that so few of them saw the new varieties of carnations. His vase of Winsor was the marvel of all observant ones, for, shipped from New York Monday, the flowers were in fine shape Saturday, as fresh as any in the show. Shipments received last week also came through finely. The color pleases and most of the growers on whom he called gave Mr. Fotheringham orders for stock. Poehlmann Bros. Co. took 5,000; Anton Then, 2,500; Jensen & Dehema, a good bunch, and many others. Mr. Fotheringham says the house recently received an order from England for 5,000 cuttings of Winsor.

A Good Glue.

The small detail of pasting the labels on boxes of cut flowers is one that has many times assumed importance through the label soaking off or becoming illegible because of rain blurring the address. E. C. Amling, who always watches the little things that count, has discovered a glue that he thinks should be used by every shipper. It is called Magnet glue, and was sold to him by R. Y. Bradshaw & Co., 15 West Madison street, Chicago. The glue is transparent, so that it may be spread right over the address label, hardens quickly and is waterproof, so that the label is safe as long as the wrapping stays on the box.

Various Notes.

Donald Scott will open a retail store at 3265 South Park avenue December 1.

Fred Klingel now is bookkeeper for Kruchten & Johnson. He formerly kept the books for Peter Reinberg, but last winter went to Mexico for his health, returning not much improved. A young local doctor removed his appendix and now he is feeling fine.

Sam Graff, the local representative of Graff Bros., of Columbus, states that his sister, Mathilda, is shortly to become the bride of his chum, Herman Landfield,



FOR THANKSGIVING

all our growers will be in full crop. Write for special quotations on quantities.

WE HAVE CHRYSANTHEMUMS

Of Every Size, Color, Form, Grade and Price

ALSO LARGE SUPPLIES OF ROSES AND CARNATIONS of all varieties and qualities to suit all buyers. The largest and finest supply of **NEW YORK VIOLETS** in the west; **VALLEY, LILIES, GREENS, etc.**

We are not the oldest house in Chicago; neither are we the youngest, but we are young enough to be very anxious to please the trade, and old enough to know how to fill orders that will satisfy the trade.

WE HAVE THE FACILITIES; MAY WE HAVE YOUR ORDERS?

Thanksgiving Price List

Subject to Change Without Notice

AMERICAN BEAUTY,	Per doz.
36 to 40-inch stem	$5.00 to $6.00
20 to 30-inch stem	3.00 to 4.00
12 to 15-inch stem	1.50 to 2.50
Short stem	.75 to 1.00

	Per 100
Brides	$5.00 to $8.00
Bridesmaids	5.00 to 8.00
Kaiserin	5.00 to 8.00
Chatenay, Golden Gate	$5.00 to $8.00
Liberty or Richmond	5.00 to 10.00
Carnations, good	3.00 to 4.00
" fancy	4.00 to 6.00
Chrysanthemums, fancy....per doz.	3.00 to 4.00
" " medium "	1.50 to 2.50
" " small	8.00 to 10.00
Violets, single	1.00 to 1.25
" double	1.50 to 2.00
Valley	3.00 to 5.00
Harrisii Lilies	15.00 to 20.00

	Per 100
Callas....per doz.	$2.00
Asparagus....per string,	50c
" Sprengeri....per bunch,	$0.35 to $0.50
" Plumosus, per bunch	.35 to .50
Galax, green....per 1000,	$1.00; .15
" bronze.... "	1.25; .20
Adiantum	1.00
Leucothoe Sprays	.75
Smilax....per doz.,	$1.50 15.00
Fancy Ferns....per 1000,	1.50 .20
Box Wood....50 lb. case,	$7.50
Wild Smilax....50 lb.,	$5.00

ROSES, Our Selection, $4.00 per 100.

VAUGHAN & SPERRY, 58-60 Wabash Ave., L. D. Phone Central 2571 **CHICAGO**

Mention The Review when you write.

the tobacconist in the Ellsworth building, who is perhaps more widely known as Kid Herman, the man of the mitts.

The S. Wilks Manufacturing Co. has just issued a special greenhouse catalogue to send to those who reply to its advertisement in the REVIEW.

Albert Amling has planted a house with Adiantum Farleyense for cutting. He procured his stock of J. A. Peterson, Cincinnati, and says he is more than pleased with the plants sent him.

The E. F. Winterson Co. is handling plants from Robert Craig Co., Philadelphia, among them Ficus pandurata, which is something of a novelty in this market.

Sinner Bros. are putting in a new 100 horse-power steam boiler equipped with a Martin rocking grate.

Local buyers find it difficult to place orders for bouquet green. It appears that early bookings are all that the large handlers expect to be able to supply, and it no longer is a question of price.

Wietor Bros. supplied the Boston Store with 12,000 mums in one lot for a special sale last Saturday. For quantity on a single order it probably will stand as a record for this market.

C. M. Dickinson still is suffering with rheumatism, being unable to get to his office more than one or two days a week. Mrs. W. E. Lynch, whose condition gave concern, now is convalescing. T. V. Brown is a new addition to the force at Hunt's.

Zech & Mann are getting in a lot of Maud Dean which would make any of the new pink mums hustle to get into the running.

Peter Reinberg returned Sunday from a week at Duquoin, where he found the quail almost as abundant as Leonard Kill says the buds on Liberty now are in the greenhouses. They also are cutting heavily of Marshall Field and expect Richmond to be in full crop for Christmas. Mr. Kill has been ill for a week, but again is on deck.

Vaughan & Sperry state that last week they received two tons of boxwood sprays from an eastern importer and were somewhat alarmed for fear they had overbought, but say they disposed of 1,000 pounds within three days and are well pleased with the demand.

The A. L. Randall Co. is opening some importations of German Easter novelties. The new catalogue is beginning to enliven things in the supply department.

Weiland & Risch say they are ready for winter, 1,200 tons of fuel being in the sheds and six cars on the track Monday. They burn about 1,800 tons of coal each year.

W. J. Smyth says business has been especially good this fall and thinks that in part at least it is due to the much improved appearance his store makes with its big, new, brilliantly lighted windows. A novelty seen here is covered glass globes filled with partridge berry sprays, the red berries standing out among the dark green leaves, the globe tied with red cord to match. A little damp moss in the bottom of each globe serves to keep the foliage fresh for some time.

Will Arnold, one of George Reinberg's rosegrowers, has returned from Alexandria, Va., where he was called to testify in the suit of J. Louis Loose, who sought damages from the Southern railroad because the greenhouses, where Mr. Arnold formerly was employed, are darkened by smoke from the roundhouse. The jury disagreed.

The Muir store on Michigan avenue makes a fine appearance in the evening, three sides being glass, so that all the stock may easily be seen from the street when the store is lighted up.

Among the week's visitors was Fred Mansoff, of Brandon, Man., looking up material for a new plant he proposes to put up in the spring.

The young lady, Miss Minnie Speck, who now keeps the books for Scheiden &

A FULL LINE OF CUT FLOWERS

FOR THANKSGIVING

LARGE SUPPLIES IN ALL DEPARTMENTS

Mums, Beauties, Roses, Carnations, Valley

All stock of rather better quality than usual at this season of the year.
Get your orders in as early as possible to get the advantage of selection.

A. L. RANDALL CO. 19-21 RANDOLPH ST. Chicago

Telephones: Cut Flower Dept., Central 1496-1494. Florists' Supply Dept., Central 5614.

Wholesale Cut Flowers and Florists' Supplies.

Mention The Review when you write.

Schoos and helps Mr. Francis with the selling during the morning rush, is a relative of Amelia Schafer, whose stock they handle, and also of John Assa.

The Benthey-Coatsworth Co. reports a good crop of roses on at New Castle.

J. A. Budlong's people thought well of Carnation Winona as shown at the Coliseum.

Louis Wittbold, of the George Wittbold Co., has perfected a new plant stand for decorative purposes.

George Manos, whose stand is in the Union depot, says that sales of chrysanthemums during the last week have been exceptionally large. He has an artistic window decorated with pink, yellow and white varieties.

DENVER.

The Market.

Chrysanthemums now occupy the center of the stage and are the most important factor at this time. They have been in good supply. Some fine stock is to be had, but it looks as if there might be a shortage in the finer grades for Thanksgiving. Prices range from $1 to $2 per dozen, some of the fancies bringing a higher price. The chrysanthemums do not seem to interfere to any great extent with the sale of roses and carnations, all of which seem to move at fair prices, roses perhaps being more plentiful and quality good. Carnations have improved and are now nearing the quality of the stock that it is usual to display at this time of the year. Many new varieties are noticed, but only a few have as yet outshone the old varieties. The Park Floral Co. is cutting some especially fine red carnations, Robt. Craig and Victory, and a good supply of excellent Enchantress is being received from various sources. Violets are showing improved color and length of stem, most of them being of really excellent quality, with prices ranging from 50 cents to $1 per hundred.

Various Notes.

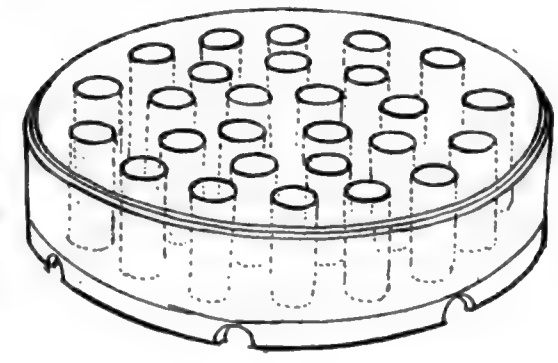
The Alpha Floral Co. opened its new store November 16 in the new Empire Building, on Sixteenth street, in the place the old Alpha store was before the building was torn down. They had a fine showing of cut flowers, chrysanthemums predominating. The new store is artistic. The walls are hung in pretty green paper, which forms an effective background to the flowers, and along one side are mirrors running the full length. Back of the store is a palm room where all kinds of potted plants were on exhibition, baskets of begonias hung from the ceiling and formed a bower. Mr. and Mrs. Mahan are to be congratulated on their new store.

A number of eastern florists returned from the Chicago show with J. A. Valentine. Henry and Paul Dailledouze, of Flatbush, N. Y., came by previous arrangement, but a number of others came to investigate the merits of a mining project in which they were interested. These include Arthur Herrington, C. H. Totty, William Duckham, of Madison, N. J.; R. Vince, of Morristown, N. J., and Robert Laurie, of Providence. The trip was a hurried one and only provided for a stay of one night in Denver, so Mr. Valentine telegraphed instructions which

The "Japana" Flower Holder



IS especially designed to be used in open bowls, etc. It is made of solid glass with numerous holes which hold the flowers in an upright position and insure a perfect circulation for the water, and being made of glass, does not show when in use. Made in three sizes: 4½-in., 50c; 3½-in., 35c; 2½-in., 25c. Catalogue on application.



The "Anglais" Table Decoration

THE "ANGLAIS" Table Decoration is especially designed for a simple and practical method of artistic table decoration. Being made up of sections, it is easily adapted to any desired form and to any size and shape of table. It is composed of one crescent and one rectangular vase of glass 5½ long, 2½ high, and 2½ broad, each piece containing a "JAPANA" flower holder. Write for prices.



M. V. GARNSEY, 131 So. WAIOLA AVENUE, LA GRANGE, ILL.

Mention The Review when you write.

LIBERTY

The Rose that won us First for 100 Red at the Chicago Show.

NOW IN HEAVY CROP

Also large cuts on of Beauties, Chatenay, Mrs. Marshall Field, Bride, Maid, Uncle John and Carnations

AMERICAN BEAUTIES Per doz.

Extra Select	$5 00 to $6 00
24-30-inch stems	3 00 to 4 00
15-20-inch stems	2 00 to 2 50
Short stems	1 00 to 1 50

....PRICE LIST....

	Per 100
Mrs. Marshall Field	$8 00 to $15 00
Richmond	5 00 to 10 00
Liberty	5 00 to 10 00
Chatenay	$5 00 to $10 00
Bridesmaid	5 00 to 8 00
Bride	5 00 to 8 00
Perle	3 00 to 6 00
Sunrise	5 00 to 8 00
Uncle John	5 00 to 8 00
Golden Gate	$5 00 to $8 00

Roses, our selection, $4

CARNATIONS .....$4 00 to $ 5 00

CHRYSANTHEMUMS—

Fancy.....per doz.,	$3 00 to $5 00
Good.....per doz.,	1 50 to 2 50
Small.....per 100,	8 00 to 10 00

Subject to change without notice

PETER REINBERG

51 Wabash Ave. **1,200,000 Feet of Glass** **CHICAGO**

Mention The Review when you write.

resulted in a reception at the office of the Park Floral Co. About thirty of the Denver growers and store men attended to extend greetings to the visitors. At the request of Mr. Valentine, Messrs. Totty and Herrington spoke to those assembled upon new chrysanthemums and the best methods of growing them. William Duckham said a few words for the Chrysanthemum Society of America, which resulted in the course of the evening in securing several new members. Paul Dailledouze told of some of the newer carnations and how they were behaving where he had seen them. Refreshments were then served and the crowd mingled in an informal manner, which enabled all the local men to meet the visitors and become better acquainted. It was an occasion that was greatly enjoyed by local florists, who seldom have the pleasure of meeting so many growers of such enviable reputation. Most of the visitors returned from the mountains on Wednesday and departed for home on the Burlington. Paul and Henry Dailledouze remained a few days longer with Mr. Valentine and took the trip to Colorado Springs and to the Cripple Creek mining district. At Colorado Springs they were royally entertained by Wm. H. Evans, who took them to Glen Eyrie, the Garden of the Gods, and Manitou, and later entertained the visitors and a few others at dinner at the Antlers hotel. Mr. Evans was voted the prince of entertainers.

The Glen Eyrie estate of General Palmer is in charge of Mr. Fohn, formerly of Hartford, and shows that he has made marked progress in the few months he has been in charge. A new park which is being improved in Colorado Springs by General Palmer is under the supervision of John Berry, formerly of Denver. This work deserves extended mention, but lack of space forbids.

The one important event in society this week is the Charity ball, on Thursday evening. The decorations will be as elaborate as in former years and is in the hands of the Park Floral Co.

Emil Glauber, of the Montclair Greenhouses, is cutting some fine long-stemmed Enchantress, also some excellent chrysanthemums. E. S. K.

ST. LOUIS.

The Market.

Business has fallen off as compared with a week ago. There were a number of social functions, wedding and some funeral work reported. Next week will be Thanksgiving, and an increase in business is looked for and we hope that it will be large enough to average up a good business for the month.

The wholesale houses are all loaded up with good stock of all kinds, with prices rather low on roses and second-class chrysanthemums. In roses we see some fine stock of Bride, Maid, Richmond, Golden Gate and Ivory, also a fair quantity of Beauties. Carnations, too, have become plentiful in all grades, and for once this season there were more in the market than the demand called for. Violets are not overplentiful and are selling clean at 60 cents per hundred. Extra good lily of the valley is now to be had. Chrysanthemums are still arriving in lots too many for the demand. Extra choice blooms sell well. Other grades are generally left over. The pink sorts are at a standstill. There are plenty of good smilax and other greens.

Various Notes.

During last week the following gentlemen called on the trade: William W. Abrahamson, representing E. H. Hunt, of Chicago; B. Eschner, of M. Rice & Co., Philadelphia; S. S. Skidelsky, of Philadelphia; Henry Johan, of Collinsville, and J. F. Ammann, of Edwardsville. Each gentlemen is sending some extra fine stock to the market.

Mrs. Himmer, wife of John Himmer, of Himmer Bros., died last week, leaving a large family. Mr. Himmer has the sympathy of the trade.

George Angermueller was taken ill at the store last Saturday and was taken home, where he is resting easily, and will be out by the end of the week to attend to business.

Mrs. Ostertag has opened the store at Grand avenue and Olive street formerly occupied by her daughter Mary.

The trustees have outlined for the next meeting of the club, December 13, two important discussions and have assigned them as follows: The first one on "How to Decorate a Retail Store for the Christmas Holidays," by Theodore Miller; the second one on "Growing Orchids and Other Varieties of Choice Plants," by H. G. Pring, of the Missouri Botanical Garden. President Irish will call an officers' meeting next week to outline work for each meeting of next year.

All the week large crowds visited the free chrysanthemum show given at the Missouri Botanical Garden. The show

A GOOD COMBINATION

A complete line of cut flowers and unexcelled service. We can offer you both.
If you are not familiar with the kind of service we can give you—**try us.**
It will not be an experiment. You will be pleased with the Results.

We Solicit Your THANKSGIVING ORDERS

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

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THE Florists' Supply House of America

H. BAYERSDORFER & CO.

WE ALWAYS LEAD THE LEADERS

THANKSGIVING Specialties:

You will give thanks with greater zest if you have secured our Baskets of **Latest Styles. FRENCH NOVELTY BASKETS, LONG-HANDLED BASKETS, VIOLET BASKETS, FLAT BASKETS, BASKETS OF EVERY DESCRIPTION.**

Our POMPEIAN WARE VASES will adorn any decoration, be it simple or elaborate.

Our FLOWERED CREPE PAPERS match, harmonize or contrast with the colors of any hue of the gorgeous Queen of Autumn. **OUR CHINA VASES,** beautifully decorated with flowers, are our **LATEST PARISIAN NOVELTY.**

Our FERNERIES, JARDINIERES and BOWLS are all pretty, the styles are strictly up-to-date. Orders for everything in **Florist's Supplies** can be filled from our own stock.

H. Bayersdorfer & Co.

50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

Mention The Review when you write.

—IF—

you are at any time



PINCHED

for Florists' Supplies

Keep in Touch

With

POLLWORTH MILWAUKEE

and

You get what you want When you want it.

Mail Orders Filled Promptly

Flower and Design Boxes	Wire Work and Design Materials	Baskets and Practical Novelties	Fertilizers and Insec'des	Palms and Ferns	Greenhouse and Garden Requisites

LEADERS in our LINES

Mention The Review when you write.

was a very attractive one. Superintendent Irish and a large force of students were on hand to see that all were taken care of. On Friday a wind storm nearly blew the tent over, but prompt work saved it from destruction. A number of the trade were in attendance. The show will continue throughout the present week and will be open at night.

George Walters, wire worker for some of the trade, lost his little daughter last week. The trade extends its sympathy.

The employees of the park department gave a housewarming in the new Forest park greenhouses, which have just been completed. Superintendent George Ostertag and John Ratchford, keeper of the park, were presented with gold watches. The employees who attended numbered 125. H. Vernheyem, keeper of O'Fallon park, made the presentation speech. J. J. B.

PHILADELPHIA.

The Rising Eastern Market.

During the last week flowers kept moving out fairly well. It is thought that the biggest part of the chrysanthemums have been cut. Those which will come from now on will command a better price than the early ones did. There are some really fine flowers coming to town, which are as good as exhibition kinds, notably some white and yellow Chadwick. Last Saturday was a great day for yellow chrysanthemums, on account of the Princeton football game, which a great many Philadelphians attended. Violets also are in good demand, and as yet do not seem very plentiful. Beauties sold fairly well last week, with a tendency towards better prices, which will probably be realized before the end of the week. There are quite a few gardenias arriving, which find a ready sale when good, at 50 cents. There are some choice carnations, but the market on all grades is inclined to be a little druggy. White and pink roses are not quite up to their form, but are improving, and no doubt from now on will bring a better average price. There are some good Paper White narcissi arriving. In novelties, there is a limited supply of mignonette and forget-me-nots, which find ready sale at good prices; also some snapdragon,

For Thanksgiving

We will have a much increased supply in every department, and you will make no mistake in placing your order with us.

CHRYSANTHEMUMS	per doz.,	$1.00 to $4.00
AMERICAN BEAUTIES, 30-36-inch	"	5.00 to 6.00
" " 24-30-inch	"	3.00 to 5.00
" " 15-20-inch	"	2.00 to 3.00
" " 8-12-inch	"	1.50 to 2.00

ROSES	Per 100
Brides	$5.00 to $8.00
Maids	5.00 to 8.00
Richmond	5 00 to 10.00
Chatenay	5.00 to 8.00
Kaiserin	5.00 to 8.00
Perle	5.00 to 6.00
Roses, our selection	4.00

DECORATIVE GREENS		
Smilax, strings	per doz.,	1.50 to 2.00
Asparagus, strings	each,	.50 to .60
Asparagus, bunch	each,	.35
Sprengeri	per bunch,	.35
Adiantum	per 100,	1 00
Ferns	per 1000,	1.50
Galax, green	per 1000,	1.00
Galax, bronze	per 1000,	1.50
Leucothoe Sprays	per 1000,	7.50

CARNATIONS	Per 100
Medium	$3.00 to $4.00
Fancy	5.00 to 6.00

VIOLETS	
Single	1.00 to 1.25
Double	1.00 to 1.50

HARRISII LILIES	15.00 to 18.00
CALLAS	12.50 to 15.00
VALLEY	4.00

BOXWOOD	
Put up in 2 lb. bunches	$0.35
Original crate, 50-lbs	7.50

WILD SMILAX	
Small, 25-lb. case	$3.00
Medium, 35-lb. case	4.00
Large, 50-lb. case	5.00

TAKING EFFECT NOVEMBER 24. **SUBJECT TO MARKET CHANGE.**

E. H. HUNT, 76-78 Wabash Avenue, CHICAGO, ILL.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO. Ltd.

Pittsburg's Oldest and Largest Wholesale Florists

Removed to New Location, 222 Oliver Ave., Pittsburg, Pa.

HEADQUARTERS FOR

Chrysanthemums Beauties Carnations
Roses Lilies Valley Violets
Adiantum Hybridum Boxwood Sprays Wild Smilax

Mention The Review when you write.

which is very salable. Orchids have sold well, when they have arrived in good condition.

Adiantum Farleyense.

Adiantum Farleyense is the most beautiful of our tender ferns. Its exquisite form, grace and shadings of color appeal irresistibly to all flower lovers; decorators prize it for choice work, either with the most fragile blossoms or alone. The difficulty in growing this tender adiantum has greatly restricted its use. For a number of years Philadelphia was obliged to depend on outside growers for a certain supply of fine fronds of this variety. This is the more remarkable when the skill of our local plantsmen is considered, but now it is pleasant to relate we have at least two growers who are able to produce Adiantum Farleyense of finest quality, in sufficient quantity to supply this and probably other cities. H. H. Battles, whose belief in the use of all varieties of fine green is well known, is sending out from his Thornhedge Greenhouses stock that adds even to his reputation, while the Henry A. Dreer Co. is using its new dahlia houses for the time being to produce stock that any good judge would unhesitatingly place in class A, section 1. The modus operandi is one of those simple combinations of conditions controlled and certain laws of plant health strictly followed, which so often distinguish the superior from the ordinary plantsman.

Various Notes.

The Leo Niessen Co. believes that the quality of flowers will be exceptionally fine for Thanksgiving. Chrysanthemums promise to be more plentiful than in former years.

Mr. and Mrs. George Burton were also noted among those taking in the sight.

The street thinks that the introduction into commerce of Saintpaulia ionantha, the African violet, is another sign of the astuteness of William K. Harris.

George Field, of Washington, D. C., has been sending choice blooms of Vanda cærulea to the S. S. Pennock-Meehan Co.

Philadelphians were much pleased that John Burton was one of the judges at the Chicago show.

Samuel S. Pennock is the latest addition to the life membership of the American Rose Society.

The Century Flower Shop has made a decided improvement in its place by adding a very attractive conservatory.

Henry A. Dreer is very busy with catalogue work, in order to get the catalogues out at the right time.

One of the firm of H. Weber & Sons, of Oakland, Md., was in town, and while here took in the Penn-Michigan football game.

The Johnson Seed Co. reports the sale of bulbs very brisk, and business for the

WILD SMILAX

NOW ON HAND and will be in continuous supply the rest of the season. **Large cases, $5.00;** small cases (Parlor Brand), $3.00. Fine stock.

MUMS, All Sizes

CARNATIONS, getting much better. Medium, $2.50 to $3.00 per 100; fancy, $4.00 to $6.00 per 100.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph St. CHICAGO

CURRENT PRICE LIST

American Beauties	Per doz.
Long	$5.00 to $6.00
Select	3.50 to 4.00
Short to Medium	2.00 to 3.00
	Per 100
Kaiserin	$5.00 to $8.00
Bride, Bridesmaid	5.00 to 8.00
Richmond, Liberty	5.00 to 10.00
Chatenay	5.00 to 8.00
Gate	5.00 to 8.00
Mums.....doz., $1.25 to $3.00	
Harrisii.....doz., $2.50	20.00
Violets	1.25 to 2.00
Valley	2.00 to 5.00
Asparagus.....per string	.35 to .50
Sprengeri.....per 100,	2.00 to 4.00
Galax, green.....per 1000,	1.25
" bronze .....per 1000,	1.50
Boxwood.....per bunch,	.35
Leucothoe.....per 100,	.75
Ferns, per 1000, $1.50; per 100,	.20
Adiantum.....per 100,	.75 to 1.00
Smilax.....per doz.	1.50

Subject to change without notice.
Packing and delivery at cost.

Mention The Review when you write.

past six months has been most satisfactory.

The Highland Rose Co., of Morton, is sending some fine valley to the Philadelphia Cut Flower Co.

The decorators report a number of weddings last week and have kept the force busy.

Pennock Bros. had an attractive window of pompon chrysanthemums, bronze and yellow. It was much admired.

J. J. Habermehl's Sons made good use of choice stock last week in their decorations.

A visit to the Chestnut Hill Beauty growers shows that the stock is in a promising condition, but they are hoping for cooler weather to harden the stock for flowering in January and February.

John Burton has some of the finest cypripedium plants in the country, some having as many as forty blooms to the plant.

J. Stern & Co. are now established in their new quarters and report a bright business outlook. PHIL.

NEW YORK.

The Market.

The "good time coming" so long seems to have at last materialized. Last week closed most encouragingly, with values rising and no apparent fear of any further depression. I predict a steady market, gradually and naturally increasing in buoyancy and volume until Thanksgiving.

There still are plenty of mums, but a large proportion of them are of good quality and command good prices. The common stock of chrysanthemums has decreased in quantity and is no longer a menace. Some grand Enguehard, Chadwick, Bonnaffon and Duckham have commanded $4 to $5 a dozen and a large shipment to John Young, of Gold Mine, from the establishments of John & Robert Leach on Saturday evening was completely sold out at $6 a dozen. I have not seen a finer or more uniform shipment this season. Every flower was perfect. All the wholesale houses have been crowded and are yet with grand stock. No year has ever equaled this in quantity and quality, and the end is not yet.

We Can and Will

Take care of your Thanksgiving

Cut Flower Needs

Subject to change THANKSGIVING PRICES without notice.

MUMS—Fancy	per doz.,	$3.00 to $4.00		Per 100	
Good medium	per doz.,	1.50 to 2.50	**Carnations**—Extra fancy		$5.00 to $6.00
Small	per 100,	6.00 to 10.00	Good		3.00 to 4.00
AMERICAN BEAUTIES—		Per doz.	**Valley**—Select		3.00 to 5.00
Select, long		$5.00 to $6.00	**Lilies**		18.00
Select, medium		2.50 to 4.00	**Violets**—Double		1.50 to 2.00
Select, short		.75 to 2.00	**Asparagus**	per string,	.50
Maid, Bride, Killarney, Chatenay,		Per 100	**Asparagus Sprays**	per bunch,	.35 to .50
Perle—Select		$6.00 to $8.00	**Sprengeri**	per bunch,	.35 to .50
Medium		5.00	**Smilax**	per doz,	1.50
Short		4.00	**Adiantum**	per 100,	1.00 to 1.50
Richmond, Liberty—Select		8.00 to 10.00	**Ferns**	per 1000,	1.50
Medium		5.00 to 6.00	**Boxwood**	per lb.,	.15
Short		4.00	**Wild Smilax**		$3.00, $4.00 and 5.00

WRITE, TELEPHONE OR TELEGRAPH

Holiday price list illustrating and quoting Holly, Bouquet Green, etc., free for the asking

E. F. WINTERSON CO.

45-47-49 Wabash Ave., Chicago

Mention The Review when you write.

There will be enough and to spare until after Thanksgiving, and some of the wholesalers announce assured receipts right up to Christmas.

Beauties made a move in the right direction as the week closed, some specials touching $40 per hundred, and all grades advancing. Brides and Maids are abundant, and there was but a slight increase in quotations.

Carnations improve in stem and size, and prices are somewhat better, especially for the fancies and novelties. Of the latter there are now so many that it is hard to name a favorite. For the fancy grade of valley $4 per hundred is top, and little stock arriving is worth it; $5 quotations are fictitious; $2 to $3 is the regular rate.

Orchids are in constant demand, and all that reach the New York market find ready buyers locally or are shipped to other cities. McManus's November bulletin expresses clearly the situation. Cyps again are on deck and many are handling them.

At last the modest and humiliated violet has its second wind or its second crop. At any rate, in beauty, perfume and price "the melancholy days" are over. One dollar to $1.25 was easy Saturday and some fine specials commanded $1.50. Here and there the tide swept even a little higher. It was claimed, though, $1.50 will do for top until Thanksgiving. The supply was insufficient.

Various Notes.

Wild smilax is arriving in large quan-

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers**

35 RANDOLPH ST., CHICAGO

ESPECIALLY STRONG ON RICHMOND BRIDE AND BRIDESMAID

THANKSGIVING PRICE LIST

BEAUTIES, extra long	$5.00 per doz.	Richmond	$5.00 to $10.00 per 100
" 30-inch stems	4.00 per doz.	Liberty	4.00 to 8 00 per 100
" 24-inch stems	$2.50 to 3.00 per doz.	Bride and Maid	4.00 to 8.00 per 100
" 18-inch stems	2.00 to 2.50 per doz.	Killarney	4.00 to 8 00 per 100
" 15-inch stems	1.50 per doz.	Gate	4.00 to 8 00 per 100
" 12-inch stems	1.25 per doz.	Chatenay	4.00 to 8.00 per 100
" Short stems	$0.60 to 1.00 per doz.	Uncle John	4.00 to 8 00 per 100
		Carnations	4.00 to 6.00 per 100

Can Supply All Other Stock at Lowest Market Rates. **Prices subject to change without notice.**

Mention The Review when you write.

BEST ROSES

FIRST ON 100 MAID, FIRST ON 100 KILLARNEY, SECOND ON 100 BRIDE

Three Entries in the classes for 100's at Chicago, where quality of all exhibits was high and **Three Awards**

THANKSGIVING PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Specials	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25

ROSES—	Per 100
Maids and Brides	$5.00 to $ 8.00
Maids and Brides, specials	10.00
Liberty	5.00 to 10.00
Richmond	5.00 to 10.00
Killarney	5.00 to 10.00
Chatenay	5.00 to 8.00
Uncle John	5.00 to 8.00

Carnations	per 100,	$4.00 to $ 6.00
Chrysanthemums	per doz.,	.75 to 4.00
Valley	per 100,	3 00 to 5.00
Violets	"	1.50 to 2.00
Callas	"	18 00
Longiflorum	"	18.00
Asparagus	per string,	.35 to .50
Smilax	"	.15
Common Ferns	per 1000,	1.50

The Benthey-Coatsworth Co.

35 Randolph Street, CHICAGO

Mention The Review when you write.

tities daily. Weddings are many and every retailer seems to get his share of them. The wild smilax is the groundwork of every decoration. Its popularity grows with each succeeding year. McConnell had an elaborate affair at Harrison, N. Y., last week, the Stursberg-Downey wedding. Fifty enormous palms were used. The mansion of the bride was a bower of Beauties, with a profusion of specimen pink, white and yellow mums. Killarney, too, was a feature, and unique effects were many. Everything now in decoration tends to the unique and original in artistic results, and more and more intellectual designing and effect win practical appreciation. In other words, the man who demonstrates braininess is the man who wins a permanent place and gratifying remuneration.

This is horse show week here, and Chicago knows what that means to the florist, though in the east its influence seems to have gone backward. It may be better this season. The weather of the week opens with a rain after days of sunshine and almost summer temperature. It is rapidly growing colder.

Some extra fine narcissi and cypripediums are being shipped to J. K. Allen.

It is hard to realize that in less than five weeks Christmas will be here. Wonderful novelties there are with the supply men this season. Some of them must be seen to be appreciated, and no time should be lost in laying in the stock in advance of the rush that will soon materialize.

At the horse show orchids will doubtless this year be the thing, though the scarcity of violets may, by their very increase in value, turn the society eyes towards its old-time favorite. Of course the boutonnieres will be gardenias.

Both cities are now teaching the multitudes an object lesson in the annual mum shows in New York and Brooklyn park conservatories. Great crowds have been in evidence. The suburban florists, too, have splendid exhibitions of their own. All are free and the general interest has been encouraging. But it will take an expert prophet to foretell when New York will have a flower show equal to Chicago's wonder of last week, though don't forget it, New York can do it when it gets "good and ready."

It is an inspiration to walk from Twenty-third street to Seventy-second on Broadway, Fifth, Sixth and Madison avenues and see the wonderfully beautiful effects in every florists' window. Space forbids specification. Where any ability or artistic sense prevails the array is most seductive. In fact, the public shows its appreciation in the crowds that surround these dreams in color and arrangement.

The evergreening of the city continues. Bays, box and ivy make all the great hotels attractive in their approaches, outdoor balconies and halls. Never has such universal use been made of the nurseryman's supply. Local growers and enterprising importers in the wholesale district all profit by this addition to public demand and its universality demonstrates the influence of persistent effort. Slowly but surely the nurserymen have taught the possibility

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$3.00
24 to 30-inch stem	"	2.50
20-inch stem	"	2.00
15-inch stem	"	1.50
12-inch stem	"	1.00
Short stem	"	.75
Bride, Bridesmaid	per 100,	$3.00 to 6.00
Chatenay	"	3.00 to 6.00
Meteor	"	3.00 to 6.00
Carnations	"	1.50 to 2.00
Valley	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.50; per 100,	.25
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

Mention The Review when you write.

of making winter less forbidding by lavish use of evergreens and hardy plants until now a first-class hotel is not first-class without a wealth of these summer memories.

Thomas Wade, formerly with Wadley & Smythe, has charge now of the retail florists' department of Bloomingdale Bros.

William Starke has placed his new boiler in his conservatory on West Twenty-ninth street and is ready for the winter's rigors and well stocked for the Thanksgiving plant demand.

A. J. Guttman is back from Chicago with glowing accounts of the great exhibition.

John Seligman & Co. declare Twenty-sixth street to be in it with any other wholesale street in New York and that the early morning crowds at the market demonstrate it. Their big store certainly is in a convenient spot to see things.

Frank Millang is convalescing rapidly and his broken ankle will be mended in time for the busy Thanksgiving season.

Thos. Young's wholesale windows are filled with handsome kentias and other palms.

Walter Sheridan's Beauties were much in evidence on Saturday, the specials bringing record prices for the day. But here the quality of stock is proverbial at all times, and not alone in roses.

Those lovers of healthful and legitimate sport, the Gunther Bros., are predicting a half million violet demand from New Haven for the great football game Thanksgiving day, and they evidently intend to have their share of the pie as usual.

Bonnot Bros. report an unusual shipping demand for roses, and their base of supply seems inexhaustible.

B. S. Slinn, Jr., is handling superb violets and finds no difficulty in securing top prices.

Ford Bros. have had a busy week, emptying the mammoth ice-box daily and disposing of severe colds, the result of overwork in unloading the goods. The flood of pink and white Ivory here has not diminished. Of these alone enough flow in to keep an ordinary force hustling.

The mum combination of Fenrich on West Twenty-eighth street, and Totty, at Madison, means a daily display of the big novelties, while they last, that are well worth watching.

Hicks & Crawbuck are adding daily to their Jersey growers and the amount of stock handled in their big store at 76 Court street, Brooklyn is now enormous.

H. E. Froment is receiving great quantities of Beauties from his growers, the products of some of the largest Beauty houses in the country. His large store is fitted this season with every convenience and he has added to his force of helpers some familiar faces. Mr. Froment is optimistic as to the coming season's business. So, in fact, are all the New York wholesalers, young and old, new and veteran, for there is room for all in every department of the trade and there is no center with the possibilities and opportunities for honest and aggressive accomplishment to compare with this in all the world.

J. Austin Shaw.

The Review is the florists' best paper. —L. J. Brosemer, Oswego, N. Y.

CLEVELAND.

The Market.

Everything is plentiful and cheap in this market except carnations and violets. The New York growers have been shoving up the price on the latter commodity at the rate of 25 cents every few days, and even at that they could not supply additional quantities. As for carnations, the quality is none too good, but the price keeps advancing all the same. There are some good Paper Whites in the market and good stevia has been coming in from Herman Hart's for the last two weeks.

The Ohio Floral Co. has been cutting some dandy chrysanthemums the last fortnight. They report last week's trade a record-breaker and the banner week since they have been in business. Manager Knoble was hustling around Monday trying to locate a thousand fancy Enchantress for a special order.

Merkel's Flower Shop has gone out of business, the stock and fixtures being disposed of at private sale.

H. B. Jones was at Norwalk, O., last Monday assisting Florist Barton, who had more funeral work than he could turn out working day and night.

Charles Russell, of the Gasser force, went to Mansfield Tuesday to superintend the decorations of a church for a military wedding.

Bate Bros. are cutting a fine lot of stock these days.

The Cleveland Cut Flower Co. reports business this fall considerably ahead of a year ago and a big season seems assured.

FLOWER BOXES



IDEAL GRADE WATERPROOF MANILA
ELITE GRADE WATERPROOF WHITE
IVY GRADE WATERPROOF GREEN



VIOLET BOXES
Violet Color or White with 5-color bunch of Violets on corner.

CORRUGATED PAPER SHIPPING BOXES



CORRUGATED PAPER LIVE PLANT BOXES



PARAFFINED LIVE PLANT BOXES

THE J. W. SEFTON MFG. CO., CHICAGO, ILLINOIS ANDERSON, INDIANA

Mention The Review when you write.

BUFFALO.

State of Trade.

We have much sloppy weather of late and it has affected business. Carnations sell fairly well, but roses are overabundant, and the cause of this is too many mums. They started in at the beginning of the season at a good price and brisk demand, but there is such a quantity of midseason varieties that they are now going a little slow. We think, however, the man who has a good cut for Thanksgiving will find a good market at paying prices.

Mr. Sandiford's Mums.

We visited Mr. Sandiford a few days ago and, of course, the leading topic was mums. He grows all the leading varieties as well as many novelties. Fine bush plants are a leading feature at this fine private garden, and we were impressed with the adaptability for a commercial pot plant of the beautiful daisy-like Garza, also Dr. Enguehard, Princess and Golden Age. This last grand yellow, side by side with Golden Wedding, made that wonderful flower look slightly pale. We noticed a pink, Lady Cranston, that should make a fine commercial variety. We naturally discussed the chinch-bug. This pest never has troubled this locality before this season, but this fall it has become serious and many firms have suffered from its ravages. In warmer sections of the country it is well known. Regular fumigations with tobacco will make them dopey and cool weather makes them sluggish and less troublesome to midseason and late varieties, but this will not do, and before another mum season rolls around we must find some method to destroy it. It's too bad that old Noah took him into the ark at all, along with the skunk, the rattlesnake and several other things we could have dispensed with. Mr. Sandiford says that the chinch-bug is troublesome on dahlias in the east and that is why dahlia growing in hot, dry seasons is almost a total failure.

WATERPROOF
Cut Flower and Design Boxes
PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.
THE BLOOMER BROS. CO., ST. MARYS, O.

Christensen's Creed.

Among the finest mums sent to Mr. Kasting's wholesale house are those of C. F. Christensen, of Eggertsville. Mr. Christensen, although a gardener of life-long standing, has little of the sentimental about him. He grows what pays him and pays no attention to flowery descriptions of novelties. He loves his business for the money there is in it, and knows how to make every foot of bench room pay. To quote his own words: "My dear boy, if chickweed paid me better than anything else I would grow chickweed." He grows only three varieties of mums, but those he does superbly. They are Halliday, Maud Dean and Mrs. Weeks. One of the most admirable sights on this place is a glorious compost pile, the foundation of the florists' business and something the average florist is careless over, and yet it is the all-important item if you expect success with your roses, carnations, violets or any other of our plants. W. S.

CUT FLOWER BOXES
WATERPROOF. Corner Lock Style.
The best, strongest and neatest folding Cut Flower Box ever made. Cheap, durable.
To try them once is to use them always.

Size					
No. 0	3x4x20	$2.00	per 100,	$19.00	per 1000
No. 1	3x4½x16	1.90	"	17.50	"
No. 2	3x6x18	2.00	"	19.00	"
No. 3	4x8x18	2.50	"	23.00	"
No. 4	3x5x24	2.75	"	26.00	"
No. 5	4x8x22	3.00	"	28.50	"
No. 6	3x8x28	3.75	"	36.00	"
No. 7	6x16x20	5.50	"	54.00	"
No. 8	3x7x21	3.00	"	28.50	"
No. 9	5x10x35	6.50	"	62.00	"
No. 10	7x20x20	7.50	"	67.00	"
No. 11	3⅛x5x30	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.
THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.

CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

DETROIT.

The Market.

Despite the fact that trade has been lively there is a glut of mums. Yellow, pink and white are lost in large quantities. The trouble is that too many midseason varieties are grown. Roses

HOLLY

Best Delaware Stock, dark green and well berried, delivered by freight, prepaid,

Single case.....$4.00
10 cases or more, per case..... 3.50

HOLLY WREATHS

Made from best dark green Delaware Holly, with four large clusters of bright red berries, per 100, $10.00.

Cash; Order early and will ship on any date desired.

H. AUSTIN, Felton, Del.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

WHOLESALE GALAX and LEUCOTHOE

Direct from the woods to the dealer.
Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Special prices on lots of 100,000 and up.
Terms strictly cash, F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

FERNS-GALAX-LEUCOTHOE

Hardy Fancy Ferns, per 100, 20c; per 1000, $1.50. Green and bronze Galax leaves per 1000, $1.00; per 5000, $3.75. Leucothoe Sprays, per 100, 75c; per 1000, $6.50. Green Sheet Moss, per bale, 25c, bundle, 5 bales, $1.00. Boxwood, per lb. 20c, per bunch, 35c.

C. E. Critchell, Wholesale Commission Florist
36 East Third St., CINCINNATI, OHIO

Mention The Review when you write.

Best Delaware Holly

Shipped direct from Delaware, 16 cubic feet per case. Single case, $4.00; 5 cases at $3.50 per case. 10 cases at $3.25 per case. Cash with order. No order accepted after Dec. 10 at these prices.

B. P. WYNINGS, DE HAVEN, PA.

Mention The Review when you write.

are fairly good, the better grades moving nicely. The top price is about $8 per hundred. Kaiserin and La Detroit are becoming poorer as the season advances. Carnations are selling well, the price running as high as $3 per hundred. The quality is not extraordinary. A few hundreds of single violets arrive daily, selling on arrival at 50 cents per hundred. Smilax is plentiful.

Various Notes.

John Breitmeyer's Sons' fall exhibition attracted large crowds to their beautiful store November 13 to 17. In a window on the Broadway side was a large artificial tree stump, overgrown with cattleyas, dendrobiums, oncidiums and other choice orchids, the whole having a charming effect. The windows on the south side were banked with masses of mums. This flower also predominated in the store in such varieties as Yellow Eaton, Kate Broomhead, Golden Wedding, Percy Plumridge, Rozier, Mrs. Beach, Edmund Bell, Sans Souci, Matchless Mrs. H. Patridge, Lord Hopetoun, Prof. Toler, Dr. Enguehard, A. J. Balfour, Mlle. E. Chabanne, Mrs. Marshall and Edgar Sanders.

At least twenty-five varieties of pompons were on exhibition. The rose room was filled to overflowing with the perfume from the many varieties of roses and carnations. Each lady visitor was presented with an unique souvenir in the form of a neat engagement book.

George Heinl, of Toledo, who has been taking the baths at Mt. Clemens, being troubled with rheumatism, returned home last week.

The Detroit horse show, which was held last week, is becoming one of the society affairs of the season, and consequently many of the large stores trimmed their windows in orange and black, the Riding Club's colors. A window in our largest dry-goods store was made attractive with a large horseshoe designed by Schroeter. It was made of Halliday and Golden Wedding mums, and trimmed with oncidiums, and through the center was passed a black taffeta ribbon tied in a large rosette.

Lachman & Gooding, who had their opening a few weeks ago, have already dissolved partnership. Mr. Lachman will remain in the business.

A recent visit to Thomas Browne's place in Greenfield found him at work again after several months spent in the house nursing a knee. Our friend is



Extra fine new crop **FANCY FERNS** $1.25 per 1000.
Discount on large orders

GALAX Bronze and Green $1.25 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 Broadway, DETROIT, MICH.

Mention The Review when you write.

MISTLETOE

The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale delivered prices to any express office in the U. S. or Canada.

F. C. BARKER & CO.
Las Cruces, New Mexico



FERNS

Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality, and the

CHRISTMAS TREES

Can't be beat. Write for prices.

ROBERT GROVES, Adams, Mass.

Mention The Review when you write.

Cut Ferns-Galax Leaves

—THE YEAR AROUND—

Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

GREEN GALAX, NEW CROP

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.
Successors to C. W. Burleson & Son.

Mention The Review when you write.

PRICE LIST FOR

CHRISTMAS DECORATIONS

EVERGREEN WREATHING

NATURAL

Standard Grade	per coil,	$0.60
Light Weights	"	.50
Standard Grade, dyed	"	.60
Light Weights, dyed	"	.50

WREATHS

Holly, Fancy Delaware	doz.	1.10
Holly, Southern	"	1.00
Holly and Evergreen, mixed	"	1.00
Evergreen, plain	"	1.00
Evergreen with Immortelle flowers	"	1.10
Galax, green or bronze leaves	"	.90
Galax with Immortelle flowers	"	1.00
Magnolia Wreaths	"	1.00
Magnolia Wreaths with Immortelle	"	1.10
Delaware Holly	per crate, $4.00 to	4.50
Southern Holly	" 3.25 to	3.75
Mistletoe	per lb.	.20
Needle Pines	per doz.	1.50
Galax Leaves	per 1000,	1.00
California Pepper Boughs, beautiful for decoration and very fragrant,	crate,	4.50

Let us book your orders now, and you name date you want goods shipped. We manufacture all our stock, employing 100 hands.

H. WOODS CO., 127 S. Water St., Chicago

Mention The Review when you write.

GALAX LEAVES

New crop; fresh from the patch, prices as follows:

Bronze and Green Galax Leaves	$0.60 per 1000
Fancy and Dagger Ferns	1.00 per 1000
Green Leucothoe Sprays	3.00 per 1000
Bronze " "	5.00 per 1000
Rhododendron Sprays	3.00 per 1000
Kalmia or Mountain Laurel	3.00 per 1000

Also **Rhododendron Plants** which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches, 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.



All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.



RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

SOUTHERN SMILAX

HOLLY, well fruited,

SABAL PALMS, crowns or leaves and MISTLETOE

E. SANDERSON, Eutaw, Ala.

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

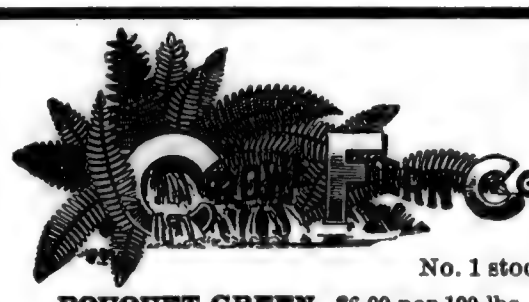
GALAX LEAVES
and Leucothoe Sprays
J. G. LOVEN, MONTEZUMA, N. C.
Mention The Review when you write.

NEW CROP
GALAX LEAVES
Send me your orders.
C. W. Caldwell, Manager, Galax, Va.
(Successor to Blair Grocery Co.)
Mention The Review when you write.

NOTICE Headquarters For
DELAWARE HOLLY
For Holiday Decorations.
Finest stock, dark green foliage and well-berried. Write for prices, which are right, and terms easy. Address,
W. T. COLLINS, Milton, Sussex Co., Delaware.
Mention The Review when you write.

HOLLY, MOSS, ETC.
Fancy Holly, in case, 2x2x4 ft., per case, $3.00.
Laurel Branches, in case, 2x2x4 ft., long stems for decorating, per case, $2.50.
Cedar Branches with Berries, 2x2x4 ft. per case, $3.00. Green Sheet Moss, in large thin pieces, per bbl., $1.25.
Can ship now. Cash from unknown parties. Write for circular and references.
W. Z. PURNELL, Snow Hill, Md.
Mention The Review when you write.

Wild Smilax and Holly
$3.00 per 55-lb. case. Low express rates.
Long Needle Pines.....$1.00 per doz.
Sheet Moss.....$1.50 large bag
Florida Grey Moss.....10c per lb.
Magnolia.....$3.00 per 50-lb. case
All A-1 stock. Telegraph and long dist. phone.
Crescent Decorative Exchange, Garland, Ala.
Mention The Review when you write.



BRONZE GALAX
In 10,000 lots, $6.50 per case, or 75c per 1000.
Fancy or Dagger Ferns
No. 1 stock, 75c per 1000. Discount on large orders.
BOUQUET GREEN, $6.00 per 100 lbs.
GREEN and SPHAGNUM MOSS, 75c per bbl.; 50c per sack.
Always send to us for your LAUREL FESTOONING, made fresh daily from the woods, 4c, 5c and 6c per yard. It's the only decorative green to give universal satisfaction at this season of the year.
Try our BRANCH LAUREL, only 35c for a large bundle.
Our LAUREL WREATHS must be seen to be appreciated, $2.50 per doz.
BOXWOOD, finest quality. Write for prices.
Send us your orders, we will do the rest.
Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.
CROWL FERN CO., MILLINGTON, MASS.
Mention The Review when you write.



Hardy Cut FERNS
FIRST QUALITY, 80c PER 1000.
ALSO DEALER IN
Christmas Trees, Baled Spruce for Cemetery Use
BOUQUET GREEN, SPHAGNUM MOSS, ETC.
L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. HINSDALE, MASS.
Mention The Review when you write.



New Crop Dagger and Fancy Ferns, $1.25 per 1000
New Crop Bronze and Green Galax, very fine quality
$1.00 per 1000; 10,000 lots, $7.50.
SOUTHERN WILD SMILAX 50-lb. case, $7.00; 25-lb. case, 4.00.
BOUQUET GREEN .....$7.00 per 100 lbs.
BOXWOOD .....20c per lb.
LEUCOTHOE SPRAYS.....$1.00 per 100
LAUREL FESTOONING, good and full..5c and 6c per yd.



BRANCH LAUREL, 50c per bunch. LAUREL WREATHS, $3.00 per doz.
Headquarters for all Florists' Supplies, such as Wire Designs, Cut Wire, Letters of all Kinds, Immortelles, Cycas Leaves, Sheaves of Wheat, Ribbons, Boxes, folding and blue corrugated, etc.
HENRY M. ROBINSON & CO., 8-11 PROVINCE ST., BOSTON, MASS.
Mention The Review when you write.

WILD SMILAX

NOW ON HAND—The best that can be had, $5.00 per 50-lb. case.
Beaven's Fadeless Green Sheet Moss, $3.50 per bag.
WM. C. SMITH & CO., Brokers, 1316 Pine St., St. Louis, Mo.
Mention The Review when you write.

by no means well as yet, as he has to resort to the use of crutches. Considering this handicap and the fact that his men have been busy on some new houses, the stock looks good. Mr. Browne is the possessor of some fine stock of White Enchantress from a sport of his own growing.

M. E. Thorn, the fern man from Harrietta, Mich., was at the Michigan Cut Flower Exchange Sunday.

T. Mellstrom, of Belgium, was in the city last week. H. S.

DAVENPORT, IA.

The Tri-City Florists' Association met at Central park November 15, almost every member being present. The business meeting was held at the home of Superintendent Otto Boehm, opposite the park, and a general discussion on roses, carnations and violets was held. The president called on each member to give a few ideas.

Harry Bills, of the Bills Floral Co., told what he had seen at the Chicago flower show. Mr. Bills told especially of the new ideas in table and wedding decorations and basket arrangements. John Temple, who was one of the judges at the show, also spoke of the show and told of some of the new varieties of roses, carnations and chrysanthemums.

The state convention held at Dubuque in October was discussed by Theodore Ewoldt, who was elected president of the association.

A committee was appointed which will arrange the program and topics to be discussed during the year 1907. The committee consists of William Knees, A. Becker, John Staack, Otto Boehm and Theodore Ewoldt. The committee will meet the latter part of this month to discuss and map out the program.

The next meeting will be held Decem-

ber 13 at the Bills greenhouses on North Brown street, and the subject which will come up for discussion will be "The Propagation of Roses and Carnations, and the Most Profitable Bulb for Florists."

TOLEDO, OHIO.

We had a special Florists' Club meeting on Thursday, November 15, in order to have a chance to examine some of the late mums that were in their glory at that time. George Bayer brought a few flowers of Appleton, Wanamaker and Bonnaffon, all as fine as can be found anywhere. G. N. Keller, of the Bay Shore, brought in a few old-fashioned varieties, among them Beau Ideal, an old-timer of twenty years ago, but still able to hold up its head in good company. He also showed some Dr. Enguehard which were nice, but not fully developed. Nathan Smith & Son, of Adrian, sent a lot with the statement that they were the best he could do at this late date, but thought we might be interested in them commercially. Among them were Martha Lesseur, fine; Mary Mann, rose pink, built up high; President Roosevelt, pink; an incurved Japanese, pink seedling; Dakoma, largest size; light pink seedling in the way of Viviand-Morel, and a few other seedlings, all fine. The next meeting will be a carnation and cyclamen meeting to be held November 22.

The mother of E. A. Kuhnke died November 13 of heart failure at the age of 65 years. A number of the local florists sent flowers and several attended the funeral. E. A. K.

Bay City, Mich.—Boehringer Bros. are building a large addition to their office.

Beatrice, Neb.—The Dole Floral Co. has built an addition to its greenhouse, 20x40, to be used for growing lettuce.

I have been a reader of the Review for a number of years, and don't see how any grower can do without it.—Geo. W. Fagan, Cedar Falls, Ia.

Clarinda, Ia.—The Clarinda Greenhouses of J. V. Pfander are among the most complete in western Iowa. His growing trade taxes his capacity to the utmost.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As grower of carnations, mums. palms, ferns and soft-wooded stock; best of references; state particulars in first letter; 25 years' experience. Address W. B., 520 E. 7th St., Chillicothe, Ohio.

SITUATION WANTED—As foreman where pot plants are grown, or private place; 25 years' experience; best of references; Ohio or Pennsylvania preferred. Address Lock Box 6, Greenford, Ohio.

SITUATION WANTED—German; 26 years old; 11 years' experience; wants position in commercial or large private place; good references. W. Hasselmann, 3153 McHenry Ave., Westwood, Cincinnati, Ohio.

SITUATION WANTED — By practical florist foreman; 25 years' experience as grower of fine roses, carnations, mums; fine designer, decorator; good wages expected. Foreman, 47 Broadway, Detroit, Mich.

SITUATION WANTED—As foreman, by sober married man; A1 carnation grower; 15 years' practical experience; good on other stock, designing and decorating; best Chicago references; state particulars with salary. Address No. **130**, care Florists' Review, Chicago.

SITUATION WANTED—By H. R. Fisher, who has been with the Kemble Floral Co., Oskaloosa, Iowa; for the past 5 years in charge of the growing; also doing design and decorating; 16 years' experience; for references address the above firm. H. R. Fisher, Oskaloosa, Iowa.

WANTED—Grower of carnations; give reference and state wages with board. Address No. **104**, care Florists' Review, Chicago.

WANTED—Young man of 20 or over, as assistant and night fireman; $22.00 per month and board, to start. I. M. Rayner, Greenport, N. Y.

WANTED—The present address of Chas. Heim, who was formerly at 139 Western Ave., Blue Island, Ill. Address No. **139**, care Florists' Review, Chicago.

WANTED—Good, sober man to handle a team and make himself generally useful around greenhouses; steady place to right man; state wages with board. Address No. **103**, care Florists' Review, Chicago.

WANTED—Night fireman who understands steam boilers, etc.; steady position; state experience, salary wanted, and give reference. Address W. K. Partridge, 148 E. Fourth Street, Cincinnati, Ohio.

WANTED—By Dec. 1, all-round greenhouse man; must be sober and industrious; German preferred; wages $25.00 per month with room and board; steady position. Address No. **136**, care Florists' Review, Chicago.

WANTED—Young man of 18 or 20 with some experience in florist business; must be sober, honest and industrious; references; wages $25.00 per month and room. Address No. **63**, care Florists' Review, Chicago.

WANTED—At once, grower of carnations and bedding stock; must be industrious, sober and understand his business; $30.00 per month to start, room and board; also an assistant. Address No. **124**, care Florists' Review, Chicago.

WANTED—Responsible, experienced florist to locate in Kenilworth (8 miles north of Evanston); field unoccupied and fine opportunity to right party; would assist financially; particulars. Kenilworth Co., 906, 140 Dearborn St., Chicago.

WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shrubbery and two houses 17x50, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. **123**, care Florists' Review, Chicago.

WANTED—A sober, reliable man to take charge of small place, 18,000 feet glass in Eastern Penn.; steam heat; carnations main crop; also mums, bulbs and bedding stock; wages $15.00 per week; give reference and experience; one who can speak German preferred. Geo. R. Geiger Estate, Nazareth, Pa.

WANTED—Gardener who thoroughly understands starting cantaloupe and cucumber plants in pots in cold frames and the growing of all kinds of vegetable plants in frames and outside; also capable of looking after private grounds; no greenhouse; answer at once giving experience and salary expected. W. F. Allen, Salisbury, Md.

WANTED—Competent man for florist store; must have city experience and be first-class decorator and designer; also used to plant trade; to man capable of taking care of big trade and who is a willing worker a good position will be given; give particulars of experience, etc., in first letter, which will be treated as confidential. Address No. **133**, care Florists' Review, Chicago.

FOR RENT—Florists' store and greenhouse 16x150; central part Atlantic City, N. J.; old established business: hot water heat from city supply. Address No. **132**, care Florists' Review, Chicago.

FOR SALE—A bargain; $4000.00 will buy a greenhouse plant of about 30,000 square feet of glass; well stocked; steam heated; good retail trade, cheap fuel; possession given immediately. Joseph E. Bonsall, Salem, Ohio.

FOR SALE—Retail plant of 5500 feet of glass in a fine location and in first-class condition with plenty of stock; price $5500.00; $1000.00 cash, balance easy terms; grand bargain; look into it. C. J. Pult, 385 Ellicott St., Buffalo, N. Y.

FOR SALE—Four greenhouses 5,700 ft. of glass; in good condition and well stocked; also good five-room cottage and large barn; located on local car line near cemetery; price $3,200.00, term's to suit buyer. Address No. **127**, care Florists' Review, Chicago.

FOR SALE—All the glass 10x12 d. s. a., on five houses, each 20x115 feet, for $500.00 as it stands; will include sashbars and doors. Also 2 Kroeschell hot water boilers, one 20 horsepower steam boiler, used 3 months; dirt cheap. Brant & Noe Floral Co., W. Peterson and N. 48th Aves., Chicago, Ill.

FOR SALE—Four good second-hand boilers, 60-in.x15 ft; a bargain for anyone. Box 225, Sharon, Pa.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,000 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

WANTED Good man for retail business.
W. H. TRAENDLY,
100 W. 17th Street, New York

WANTED—A section man who understands bedding plants, ferns, palms, etc., one who is up on all varieties; to a capable man, good pay and permanent place; state salary and experience in first letter. **HONAKER THE FLORIST, LEXINGTON, KY.**

WANTED A first-class seedsman in good established business; German preferred; good references in first letter; can buy half interest if right party; city of 80,000; good opening to the right man. Address No. **131**, care Florists' Review, Chicago.

WANTED

Young man with experience in flower store as assistant in our Flower department. Good position for capable young man. Give full particulars as to age, experience, etc., in first letter.

WILLIAM DONALDSON & CO.
Glass Block, MINNEAPOLIS, MINN.

FOR SALE
Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses; 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For Terms,

WM. CLARK, Colorado Springs, Colo.

Situation Wanted

As foreman or manager on up-to-date commercial or private place by first-class florist, designer, landscape gardener and nurseryman; single, 28 years of age; 15 years' good practical experience in all branches of gardening in Germany, England, France, Austria and this country. Best of references. Good salary expected. Address

No. 134,
Care Florists' Review, Chicago.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 135, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.

The J. J. Lilley Co.
SEATTLE, WASH.
Growers Of
PUGET SOUND
CABBAGE SEED
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

WATERMELON is giving concern to some of the mail order houses with large southern trade.

THE canners still are looking for their favorite varieties of peas and prices continue strong on the packers' sorts.

THERE is a disposition to book contract orders early for 1907, with slightly increased prices asked by the growers.

THE importations of German agricultural seeds, especially sugar beet, are starting in heavier than in previous years.

THE U. S. Department of Agriculture has issued Circular No. 80, dealing with the melon aphis, which will be of interest to seedsmen.

THE call for the forcing varieties of lettuce, cucumber and radish continues to increase from year to year in spite of the competition of the southern trucking localities.

RENNIE & PINO, Providence, R. I., have dissolved partnership, W. S. Pino to continue the business. Alexander Rennie will shortly open a modern retail seed store on Washington street, Providence.

THE Western Seed & Irrigation Co., Fremont, Neb., had about half its force of pickers on by November 15 and soon will have the full force employed. Manager Emerson says the crops of melon and cucumber are short, but other crops are full.

FROM present indications those who have not placed orders for bouquet green are likely to have trouble in procuring a supply, as the large handlers are refusing to take further orders, fearing that the quantity of green in sight will not be sufficient to fill early bookings in full.

ROGERS BROS., of Chaumont, Jefferson county, New York, the last few years gradually have been transferring their business of seed growing to Alpena, Mich., growing their stock of peas in northern Michigan and their beans in central Michigan and western New York. They recently have sold their seed house at Chaumont to a milling company that handles feed, flour, hay and farm produce. The Jefferson county section was once a favorable location for growing peas and beans, but the bugs become so thick and other conditions so unfavorable to the growing of peas that they, together with others in their line, were forced elsewhere to grow their stock.

THE movement of peas and beans is somewhat delayed by the difficulty in securing cars just when needed.

IT is reported that James Vick's Sons, Rochester, contemplate the extension of the wholesale end of their business.

JOE WARING, El Reno, Okla., should be added to the seedsmen's mailing lists. He handles garden and agricultural seeds and poultry supplies.

M. CRAWFORD CO., Cuyahoga Falls, O., plans the removal of its business to Bovina township, near Appleton, Wis., where the soil is thought to be specially suited to its specialties.

A FARMER named Strickland, at Arlington, Ariz., is reported to have raised the banner crop of alfalfa seed this year. Off of twelve acres he cut in two crops 11,000 pounds of seed; 8,000 pounds came from the first cutting, or 666 pounds to the acre, and 3,000 pounds from the last cutting, or 250 pounds to the acre. The two crops combined amount to 916 pounds to the acre, and at 7 cents per pound the least any of the farmers from there have sold for, the twelve acres will

LEONARD SEED CO.
Leading Onion Set Growers
FLOWER SEEDS
SEED GROWERS
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CHICAGO

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.
Mention The Review when you write.

M. S. STARK, OTTER LAKE, MICH.
Contractor and Grower of
Fancy Garden Beans
Correspondence with good reliable seed houses solicited.
Mention The Review when you write.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street, San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon, Squash, Watermelon, Sweet Corn
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.
Mention The Review when you write.

bring $64.12 per acre, or a total of $769.44.

Nebraska vine seeds are cleaning up shorter than had been anticipated.

Irondequoit muskmelon is one of the specialties of James Vick's Sons, Rochester.

Tomato seed develops not one whit more plentiful than previous reports have indicated.

The J. Steckler Seed Co., New Orleans, has moved to 512-516 Gravier street, where better facilities were to be had.

The Chicago grass seed market is unchanged. Clover, $13.25 for contract, with cash seed $8 to $12.85. Timothy strong; cash seed, $3 to $4.10; December, $4.30 bid, and March, $4.35 bid.

The directors of the Thompson Seed Co., Albert Lea, Minn., have become discouraged because capital is not forthcoming to carry on the business, but C. O. Thompson, president of the concern, says it is going on if he has to mail the catalogues and ship the seeds from his dining-room table. They have $10,160 invested in the building and equipment.

VALLEY PIPS ARRIVING.

Consignments of valley pips reached New York on the steamer Batavia, from Hamburg, November 16. The boat had 184 cases, consigned as follows:

Peter Henderson & Co.	10
Knauth, Nachod & Kuhne	4
Maltus & Ware	50
Schupar, John, & Co.	106
Vaughan's Seed Store	14

MR. HENRY ASSUMES.

Under date of November 15, Frank H. Henry, assignee for Clucas & Boddington Co., sends out the following notice to creditors of that concern:

"I beg to advise you that I have assumed the responsibility of distributing to the creditors of the assigned estate of the Clucas & Boddington Co., fifteen per cent of the amount of their lawful claims, and have in my possession check to your order for —— in payment of the dividend upon your claim against the estate. Upon the return of the enclosed receipt, duly signed by you, I will forward you your check forthwith.

"The collection of the assets of the estate and the adjustment of the obligations against it, have consumed more of my time and attention than I anticipated, although the result is gratifying, inasmuch as it has resulted in a larger dividend to the creditors than I anticipated would be paid them. There are still two notes due the estate for $1,750 each, maturing the first days of January and July, 1907, and I shall use every means to collect the same. If I succeed, there will be a further dividend to the creditors of about ten to twelve per cent."

EUROPEAN SEED TRADE NOTES.

As far as the general trade is concerned the seed trade is practically at a standstill in England. In the wholesale trade every firm of importance is working at full strength receiving delivery of the season's crops and contract growths, and warehouses are getting quite full. In fact, some of the large firms dealing in heavy vegetable and farm seeds report a considerable deficiency of warehouse accommodations, and some large provincial firms inform me that the increase of business the last two years necessitates the increasing of their storage capacity and cleaning machinery.

In crop reports radish stocks are still further discounted, and an alarming scarcity in this article may be expected. The general French crops of other lines are turning out after harvesting and dressing about as estimated. I think by appearances no further shortage than already reported may be expected.

I recently inspected a consignment of garden peas from Australia. For some time English seedsmen have experimented with peas grown in that country, but usually these trials have resulted in a failure. The particular lot in question had sweated on the long journey, causing the grains to become white with mould. On inquiry I found that the growths from any lots that may arrive in good condition are usually weak and spindly and the pods much smaller than from seed grown in colder countries. The warmer condition under which they are grown seems to quite take away their natural vigor and hardiness. B. J.

CATALOGUES RECEIVED.

[All catalogues are filed by The Review, and are accessible to the trade for reference at any time. Following are the latest arrivals.]

W. K. Nelson, Augusta, Ga., price list of field-grown roses; M. M. Dawson, Jamaica Plain, Mass., Everything for the Hardy Garden; Perry's Hardy Plant Farm, Enfield, Middlesex, England, trees, shrubs and rock plants; S. Wilkes Mfg. Co., Chicago, greenhouse boilers; Pittsburg Cut Flower Co., Pittsburg, Pa., Christmas decorations; George Jackman & Son, Woking, Surrey, England, wholesale catalogue of plants; People's Floral Co., Kansas City, Mo., catalogue of flo-



Single Selected **DUTCH HYACINTHS**

25 Bulbs at 100 rate—250 Bulbs at 1000 rate.

Named Sorts--OUR SELECTION--Splendid Bulbs

$4.00 per 100; $38.00 per 1000

WHITE ROMAN HYACINTHS (French) 12-15 cm. Per 100, $ 2.50 Per 1000, 23.00

SPECIAL OFFER—NARCISSI

For Pot-Culture and Forcing	100	1000
Double Incomparabilis, yellow, good forcer	$0.75	$6.50
Single Incomparabilis, yellow, good forcer	.60	5.00
Albicans, primrose and white, beautiful	1.75	
Albus Stella, star-shaped, pure white with yellow cup	.65	5.00
Ardrigh, yellow, early flowering	1.75	
Cynosure, fine cutting	.65	5.50
Bicolor Grandee, large flower, similar to Empress	.90	8.00
Barri Conspicuus, sulphur and scarlet, beautiful	.90	8.00
Giant Princeps, sulphur white, yellow trumpet, good forcer	.75	6.00
Paper White Grandiflora, 13 cm. and up, French-grown	.90	8.50

Lily of the Valley, Begonias, Gloxinias, Fern Balls and Japan Lilies due to arrive. Write for Prices.

Johnson Seed Co., 217 Market St., Philadelphia, Pa.

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

Wm. P. Craig

IMPORTER—EXPORTER

Plants, Bulbs and Seeds

1305 Filbert St.

Monogram Brand

Correspondence Solicited. Philadelphia

Mention The Review when you write.

DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. ATCO, N. J.

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.

Rose Growers WEST GROVE, PA.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

Thorburn's Bulbs

SPIRAEA

Japonica, extra strong clumps	$3.50 per 100
Astilboides Floribunda	4.00 per 100
Compacta Multiflora	4.00 per 100
Gladstone	6.50 per 100

LILIUM LONGIFLORUM

	Per 1000	Per 100
6 to 8 inches	$27.00	$3.00
7 to 9 inches	45.00	5.00
Multiflorum, 6 to 8 inches	28.00	3.00
" 7 to 9 inches	50.00	5.50

PANDANUS UTILIS

Fresh seeds, just received $6.00 per 1000 seeds. Send for Trade List.

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

FOR DELIVERY IN FALL AND SPRING

ENGLISH MANETTI Stocks for Florists

Holland Roses, Rhododendrons, Hollies, Etc.

LILY OF THE VALLEY for Early and Late Forcing

French Fruit and Ornamental Stocks

Raffia from Stock and for Import

For catalogues, prices, etc., please apply to

H. Frank Darrow, Importer
Successor to Aug. Rhotert
26 Barclay St., P. O. Box 1250, New York
Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1873

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 8 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.
Mention The Review when you write.

OUR SPECIALTIES

High-Grade Grass Seeds

ALFALFA

Warranted free from dodder or any adulterations. Please write for prices and samples.

A. LE COQ & CO.

Darmstadt, Germany
Mention The Review when you write.

CAULIFLOWER SEED

CABBAGE

HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN
Mention The Review when you write.

ral designs; A. L. Randall Co., Chicago, Ill., florists' supply catalogue; C. S. Harrison's Select Nursery, York, Neb., price list of peonies and perennials; E. T. Barnes, Spencer, Ind., dahlias.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 17 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto ..	27	$ 332	Fennel ...	57	$ 870
Anise	30	400	Grass	823	4,047
Canary ...	2,414	4,836	Millet	104	273
Caraway ..	250	1,223	Mustard ..	50	560
Cardamom..	8	170	Poppy	101	596
Celery	100	1,409	Rape	18	64
Coriander .	200	730	Sugar beet ...		5,836
Cummin ..	201	3,857	Other		4,541

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $36,451.

PERENNIALS

The largest stock of **HARDY HERBACEOUS PLANTS** in all the best and newest varieties, for instance, 25,000 Gypsophila Paniculata Flore Pleno, 4000 Romneya Coulteri, 10,000 Campanula Persicifolia Moerheimi, 50,000 Phlox Decussata in variety, 25,000 Pyrethrums, etc.

DWARF ROSES on Canina in the best sorts, including the new **Hardy Rose "Nova Zembla"** (B. Ruys, 1906) and **Baby Rambler.**

Manetti Stocks, Sweet Briar Seedlings, New Currants, Gooseberries and Raspberries, Etc.

Nearly all sorts of Plants (even Pyrethrums) are exported most successfully to the United States. Write for illustrated Trade List.

B. RUYS, ROYAL MOERHEIM NURSERIES DEDEMSVAART, - HOLLAND
Mention The Review when you write.

We Sell More Flower Seeds

Than Any Other Firm in the British Empire.

Send for Special List of our grand selections, and list of **REAL NOVELTIES.**

WATKINS & SIMPSON, Wholesale Seed Merchants.
12 Tavistock Street, Covent Garden, LONDON, ENGLAND.
Mention The Review when you write.

Conrad Appel, Darmstadt, Germany
—Established 1789—

Forest and Agricultural Seed Establishment

Specialties: GRASS, CLOVER and AGRICULTURAL FOREST TREE SEEDS of Highest Possible Purity and Growth.
GRASS SEED MIXTURES FOR LAWNS, MEADOWS AND PASTURES
Many Highest Awards and Diplomas.
Last Award: Grand Prize International Exhibition, Milan, 1906.
Mention The Review when you write.

Established 1680. Cable address, Jacrolland Nimes
A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.
Mention The Review when you write.

CUCUMBERS IN IOWA.

A correspondent at Castena, Ia., writes: "Few people in the great world ever heard of this little town, yet in its vicinity the bulk of all the cucumber seed sold by all the seed houses of the United States is grown. Several farmers devote their exclusive time to the planting and cultivation of the cucumber.

"There were over 1,000 acres of this vegetable planted in Monona county this year. The seed is planted in long rows,



Picea Pungens Glauca Koster and Abies.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.
Mention The Review when you write.

The Name
GENUINE
PHILADELPHIA

On a LAWN MOWER
is what
"STERLING" is on silver.

Seedsmen—Catalogue the Philadelphia line and you will be sure you are right. For terms and electrotypes, address

Philadelphia Lawn Mower Co.
3407-09 Chestnut St., PHILADELPHIA

Mention The Review when you write.

something like cane, and cultivated with a weeder. The work of saving the seed comes in after the cucumbers have turned yellow. They are left in the field and then pulled from the vine by boys and girls, who go into the field with a sort of spoon-shaped trowel and cut open the cucumbers and scoop out the seeds into sacks. The sacks are dragged until they are too heavy, then tied securely. The seed is hauled to the house and poured into large tanks filled with soap and soft water. The mixture cuts the slimy pulp from the seeds, leaving them pure and white. The seeds are dried in kilns in shallow baskets and then sorted and packed.

"The farmers who have been doing this exclusive class of farming say it is profitable, and they have become expert in the growing of this particular seed."

ROCHESTER, N. Y.

The Market.

Business here is practically at a standstill and stock of all kinds is a glut on the market, mostly due to the presence of chrysanthemums in large numbers of all grades. Prices have kept up fairly well, with the exception of roses, which have proved hardest to move, prices ranging from $1 to $5 per hundred; carnations, $2 to $3; mums, $5 to $15, but in all cases hard to move.

One of the large department stores held a sale of roses, etc., which helped the market greatly and from all accounts did the legitimate business no harm, as it was thought it would by many of the trade.

Referring to notes and illustrations in your last issue, page 1739, concerning Irondequoit muskmelon, this variety was put on the market by James Vick's Sons, Rochester, N. Y., and was named after the market garden section just outside the limits of the city. Since its introduction it has been grown almost to the exclusion of all others, maintaining the best points of parent type, and, while in season, Irondequoit holds the market against all other muskmelons. In form the fruit is nearly round and slightly flattened at the ends. It attains a medium size, has finely netted skin, yellow when ready for market, dark orange-colored flesh, and rich, spicy flavor. The demand has never been satisfied.

The bulb trade is almost over, the dealers report a profitable season and stock is practically cleaned up. Chinese lilies for once are a scarce article.

John House is propagating heavily on geraniums, and, from the appearance of the stock at present, will have some excellent plants for spring trade.

H. B. S.

HIGH GRADE BULBS IN SURPLUS

Lily of the Valley, early giant forcing, a very superior grade, $14.00 per 1000; original cases of 2500, $34.50.

Narcissus	Paper White Grandiflora, extra select	$1.25 per 100;	$ 9.00 per 1000
"	double Von Sion, extra select	1.25 per 100;	11.50 per 1000
"	double Von Sion, XXX double-nosed	2.00 per 100;	18.50 per 1000
"	Emperor, mother bulbs	2.00 per 100;	19.00 per 1000
"	Empress	2.00 per 100;	19.00 per 1000
"	Golden Spur	1.75 per 100;	15.50 per 1000
"	Orange Phoenix	1.00 per 100;	9.00 per 1000
"	Incomparabilis	.85 per 100;	7.00 per 1000
Tulips, Artus		1.15 per 100;	10.50 per 1000
"	Dusart, best red	2.00 per 100;	19.00 per 1000
"	Joost von Vondel	1.25 per 100;	11.50 per 1000
"	LaReine, Fancy	.90 per 100;	7.50 per 1000
"	Keizerskroon	1.65 per 100;	15.00 per 1000
"	Chrysolora	.90 per 100;	7.50 per 1000
"	Pottebakker, scarlet	1.65 per 100;	14.50 per 1000
"	" white	1.40 per 100;	12.00 per 1000
"	Rachel Ruysch	1.15 per 100;	10.00 per 1000
"	Rose Gris de Lin	1.25 per 100;	11.00 per 1000
"	Duc van Tholl, single red and yellow	1.10 per 100;	9.50 per 1000
"	" " " rose	2.00 per 100;	17.50 per 1000
"	Prince of Austria	2.30 per 100;	20.50 per 1000
"	Jacht von Delft	.85 per 100;	7.00 per 1000
"	Rex Rubrorum	1.60 per 100;	14.00 per 1000
"	Gloria Solus	1.25 per 100;	11.00 per 1000
"	La Candeur	1.25 per 100;	11.50 per 1000
"	Yellow Rose	.85 per 100;	7.00 per 1000
"	single, fine mixed	.65 per 100;	5.50 per 1000
"	single, extra fine mixed	.90 per 100;	7.50 per 1000
Freesias, mammoth, ⅛ to ¾-inch		.85 per 100;	7.50 per 1000
Lilium Giganteum, 7 to 9		6.50 per 100;	60.00 per 1000

For other varieties, write for trade list.

CURRIE BROS. COMPANY
308-314 Broadway, MILWAUKEE, WIS.

Mention The Review when you write.

THE FINEST VALLEY
Western Headquarters for Early Forcing Pips

$14.00 per 1000; $1.50 per 100. Now ready. This is the very best stock for early forcing and will do splendidly for the holidays. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.

Fancy Cut Valley for Thanksgiving and Christmas.

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., Chicago

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Vegetable Forcing.

At Jevne's, the leading fancy grocer in Chicago, a window of imported grapes attracts much attention. The varieties are those usually grown under glass in England, Muscat of Alexandria and Black Hamburgh.

VEGETABLE MARKETS.

Boston, Nov. 19.—Mushrooms, 50 cents to $1 lb.; tomatoes, 15 cents to 20 cents lb.; cucumbers, $3 to $9 box; lettuce, 50 cents to 75 cents doz.; parsley, 50 cents to $1 box.

Chicago, Nov. 21.—Cucumbers, 65 cents to $1 doz.; head lettuce, 75 cents doz.; leaf lettuce, 25 cents to 35 cents case.

New York, Nov. 20.—Cucumbers are plentiful and weak; mushrooms in light supply and firm; lettuce firm; radishes steady; tomatoes firm for fancy. Cucumbers, 50 cents to $1 doz.; Boston lettuce, $1.25 to $3.50 per strap; mushrooms, brown, 40 cents to 80 cents lb.; mushrooms, white, 50 cents to $1 lb; parsley, 75 cents to $1 per 100 bunches; radishes, $1 to $2 per 100 bunches; tomatoes, 5 cents to 20 cents per lb.

TROUBLE WITH LETTUCE.

I am having trouble with my lettuce. I have two houses 24x108. There are two side benches with six inches of soil and one center bed on the ground ten inches deep. The trouble begins when the lettuce commences to spread, then the lower leaves get rusty and yellow and the plant forms a hard center. The temperature is from 45 to 50 degrees at night and 55 degrees during the day, sometimes reaching 75 degrees. I use lots of manure and cultivate often. I use the Grand Rapids variety of lettuce. Would it be wise to use nitrate of soda, and if so what is the best way to use it? Also, will a ten horse-power boiler heat a house 24x108 and a house 12x90? I have 1,700 feet of 1½-inch pipe installed and two 2-inch flows using steam.

C. F. B.

Your temperature is a little too high. If you reduce it about 5 degrees you

Seasonable Bulb Stock.

We call attention to a few leading varieties of which we have good stocks. **Fine forcing stock or for bedding,** which we can supply as long as unsold as follows;

NARCISSUS

	Per 1000
Golden Spur (the favorite single yellow)	$18.00
Grandee (Maximus)	10.00
Horsfieldi	16.00
Princeps (large Irish single trumpet daffodil)	7.00
Single Von Sion, very early—much earlier than Trumpet Major	11.00
Trumpet Major, French-grown, forces extra early	12.00
Double Von Sion, extra sized bulbs	12.00
Double Von Sion, mammoth double-nosed or top-root	20.00
Incomparabilis fl. pl.	9.00
Incomparabilis Stella	5.50
Poeticus (Pheasant's Eye)	4.50
Poeticus Ornatus	7.00
Orange Phoenix	11.00
Giant Campernel Jonquil, Rugulosus	6.00
Double Jonquil	8.00
Bicolor Victoria, of great merit, $3.00 per 100	25.00
Barri Conspicuus	8.00
Silver Phoenix	20.00
Mrs. Langtry	10.00

Orientalis (Chinese Sacred Lily), bundle of 4 baskets, 120 bulbs, for $4.80.

HYACINTHS

Miniature or Dutch Romans, fine for pans or for cutting, and can also be used very satisfactorily for bedding; very cheap and very profitable.

	Per 100
Grand Maitre, Gigantea, Gertrude, King of the Blues, and La Peyrouse	$1.75
Baroness van Tuyll and Mme. Van der Hoop	2.25
Czar Peter	2.50

Fine Named, such as Albertine, Gertrude, Grande Blanche, Robt. Steiger, Mme. Van der Hoop, L'Innocence, Baron van Tuyll (pink), Marie, Blocksberg, Bouquet Tendre, Flevo, Garrick, Bouquet Royal, La Virginite, Prince of Orange, etc., our selection of varieties, $4.00 per 100, $30.00 per 1000.

Where special varieties are wanted, write for price.

White Romans, selected bulbs, 13-15 c/m, $3.00 per 100, $25.00 per 1000.

LILIUM LONGIFLORUM

Japan-grown, 9-10 in. bulbs, case of 200 for	$15.00
Japan-grown, Multiflorum, 7-9 in. bulbs, case of 300 for	15.00
Japan-grown, Multiflorum, 9-10 in. bulbs, case of 200 for	17.00
Japan-grown, Giganteum, 8-10 in. bulbs, case of 225 for	22.50

MISCELLANEOUS

Freesia refracta alba, finest Bermuda bulbs, per 1000	$ 7.50
Lily of the Valley. Just arrived. Our finest Perfection grade for earliest forcing, immediate delivery, case of 2000 pips for	28.00
Gladiolus Colvilli alba "The Bride," per 1000	7.50
Gladiolus Colvilli rubra, per 1000	6.50

Astilbe, or Spiraea. Ready for delivery. Gladstone, $8.00 per 100; Astilboides floribunda and Japonica, $5.00 per 100; Compacta multiflora, $6.00 per 100.

Dielytra spectabilis, strong clumps, $8.00 per 100.

Crocus, large sized bulbs in finest named varieties—David Rizzio, La Majestueuse, Mont Blanc, Prince Albert, Sir Walter Scott, etc., $5.00 per 1000; Separate Colors, blue, white, yellow, and striped, $3.00 per 1000.

	Per 1000
Allium Neapolitanum	$5.00
Anemones, Single	4.00
Chionodoxa Lucilea	6.50
Grape Hyacinths, blue	3.50
Grape Hyacinths, white	6.50
Spanish Iris, mixed	2.50
Double Ranunculus, French	3.50
Double Ranunculus, Persian	4.00
Double Ranunculus, Turban	5.00
Scilla Campanulata cœrulea	3.50
Snowdrops, Single and Giant	6.00
Sparaxis	3.50
Ixias, mixed	2.50
Oxalis, Bermuda Buttercup	6.00

TULIPS

	Per 1000
Cottage Maid	$ 9.00
Keizerskroon (Grand Duc)	17.00
La Reine	8.50
Prince of Austria	24.00
Bizards, mixed	7.00
Darwins, mixed	10.00
Golden Crown	7.50
Parrots, named	12.00
Count of Leicester	9.00
Duke of York	9.00
Gloria Solis	12.00
Lady Grandison	12.00
Murillo	19.00
Peony Red	10.00
Rose Blanche	8.00

For other varieties, see our wholesale list, which will be sent on application.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

Mention The Review when you write.

MY GIANT CYCLAMEN

Are Ahead in Growth and Flowers

Bloodred, Carmine, Pink, Pure White, White with Carmine Eye.
Each color separate, tr. pkt., $1.00; 1000 seeds, $6.00. An even mixture of the above 5 colors, tr. pkt., 75c; 1000 seeds, $5.00.

For larger quantities, special quotations.

O. V. ZANGEN, Seedsman, **HOBOKEN, N. J.**

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ARE · MONEY · MAKERS

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219 Market Street
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will get a firmer growth and heavier foliage, which will be better to resist disease. But this is not all your trouble. The high temperature alone would not injure your plants to such a serious extent as you describe. There must be some root trouble which is either due to an unsuitable soil or to lack of drainage in the bench.

Regarding the soil, you say you use lots of manure. Perhaps you use too much. Lettuce is not a heavy feeder and is easily overdone in this respect. Especially is it susceptible to injury when the manure is used in too fresh a condition. You do not say what sort of manure you use. If it is procured from the horse stables it has to be thoroughly rotted down before it is fit to use in lettuce soil. The cowbarn article is preferable for the purpose, but even this should be a year old before being used. A liberal quantity to use in lettuce soil would be one load of manure to five or six of soil, according to the quality of soil being used, the poorer soil of course requiring the larger quantity.

The amount of drainage required will depend largely on the nature of your subsoil. If this is of a gravelly or sandy nature little or no drainage would be required, as you would practically have natural drainage, but when the subsoil is of a stiff, retentive nature or hardpan, which the water would not get through, sufficient drainage would be necessary to insure against stagnation in the bed. And in the case of a low situation it might even be necessary to provide facilities for carrying the water off. This of course relates to your solid bed, which ought to be the best for growing lettuce. On raised benches they seldom prove entirely satisfactory. The Grand Rapids variety is the best and easiest handled as a greenhouse crop.

Regarding nitrate of soda, like sulphate of ammonia this is more of a stimulant than an actual feeder and is beneficial only in carrying a crop through when the soil is exhausted. In a case where the soil already contains sufficient nutriment to sustain the crop, the appli-



We made this halftone from a
WASH DRAWING
one of many we are turning out for 1907
Seed Catalogues

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We make a specialty of
CUTS FOR SEEDSMEN.
All processes. Quick work if necessary. Satisfaction guaranteed.

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Vick's Bulbs

Are now ready for distribution.

HYACINTHS, TULIPS, NARCISSUS, Crocus, Lilies, Freesias

All of the best quality.

Send for our Wholesale Bulb Catalogue.

JAMES VICK'S SONS
ROCHESTER, N. Y.

cation of nitrate of soda is apt to do more harm than good. The best way is to use it in water at the rate of one-half ounce per gallon, but in applying it great care should be exercised not to wet the foliage, and especially in preventing it from getting into the hearts of the plants, or damage will be sure to result.

A boiler such as you have should heat your houses easily, even in the coldest weather. W. S. Croydon.

TOMATOES.

It is curious to note how many still cling to the idea that tomatoes are quite a modern fruit, says a writer in the Horticultural Advertiser. I came across a note in one of the daily papers the other day; it stated that though they had now been appreciated for culinary purposes for some years, it was quite a new thing for them to be included with dessert fruits, but it is more than thirty years ago that we grew the currant, the plum, and pear-shaped, and also the smooth, round sorts which were all much appreciated for eating as dessert fruit. A well-ripened tomato, fresh gathered from the plant, is perhaps quite a different flavored fruit from what may be bought at a shop, and it may be owing to this difference that they are not even more extensively eaten as a raw fruit than they are at the present time. Yet year by year they are coming more into use, and growers are more careful to pack those for dessert purposes, so that they reach the consumers in the best condition; yet there is room for further advance in this direction. Or, rather, if they went back to the old days when indoor tomatoes were first getting more extended culture; they were then packed like peaches, a single layer in shallow boxes, and sold by the dozen.

RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white.....1-32 oz., 75c
Faust, most exquisite pink.....1-32 oz., 75c
Valentine, delicate lavender.....1-32 oz., 75c
Mephistopheles, fiery red.....1-32 oz., 75c
All varieties mixed.....1-32 oz., 75c

W. W. RAWSON & CO. 5 UNION STREET, BOSTON, MASS.

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SEND FOR A MULE BAROMETER, FREE FOR ASKING

Bridgeman's Seed Warehouse

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A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, **BERLIN, N. Y.**

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

Mention The Review when you write.

Last Call

Special Low Prices on Bulbs

FRENCH ROMAN HYACINTHS	Per 100	Per 1000
White—13-15	$3.00	$28.00
Light Blue—12-15	2.15	19.00
White Italian Roman Hyacinths—Will bloom later than the French	2.25	22.00
Narcissus—Paper White Grandiflora	1.00	9.00
Lilium Candidum—Extra Selected Bulbs	3.75	35.00
Lilium Long. Multiflorum—7-9 inch, 300 bulbs in case	5.00	45.00
Lilium Long. Giganteum—6-8 inch, 400 bulbs in case	5.25	47.50
7-9 inch, 300 bulbs in case	6.25	60.00

Send for our Wholesale Catalogue of Bulbs, Seeds and Supplies.

Henry F. Michell Co.
1018 Market St., Philadelphia, Pa.

Mention The Review when you write.

Fond du Lac, Wis.—Peter Hansen, who for four years has been with Fred Rentschler, at Madison, is starting in business for himself here.

Brandon, Man.—Fred Mansoff, who last March sold out to A. E. McKenzie & Co., has bought vacant property and will put up a new range in the spring. He has just returned from a five weeks' hunting trip to the north, and plans a trip to California for the winter.



Lambert's Pure Culture Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on **"Mushroom Culture"** mailed free on application.
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Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.

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PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.
Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

Gibson City, Ill.—The residence property of the Swan Peterson Floral Co. has been sold to A. Leitton for $2,000.

Chattanooga, Tenn.—W. F. Hager, the Hill City florist, has a new greenhouse 25x60. He has just completed installing a new heating plant.

Bulb Balances

NOT SURPLUSES, or culls—but a few balances that are as good today as when they were imported. Impossible to figure our exact wants in this business—so any over-buying accrues to your benefit. Don't stop here, but read the special offer:

DUTCH ROMANS
OR MINIATURE HYACINTHS

To name in the following varieties. 25c per doz; $2.00 per 100; $15.00 per 1000.

Albertina, pure white.
Charles Dickens, fine rose.
" " porcelain blue.
Czar Peter, light porcelain blue.
Gertrude, rosy pink.
Gigantea, daybreak pink.
Grand Maitre, deep porcelain blue.
L'Innocence, white, one of the best.
La Grandesse, pure white.
Mme. Van der Hoop, best late white.
Queen of the Blues, sky-blue, very fine.
Rio des Belges, bright red.

TULIPS!

Chrysolora The finest forcing yellow for florists, 75c per 100; $6.00 per 1000.

TULIPS, SINGLE NAMED

	Per 100	Per 1000
Bizard Verdict, orange-yellow and brown	$0.75	$6.00
Couleur Ponceau, cerise	.75	7.00
Couleur Cardinal, crimson scarlet	2.50	24.00
Duc Van Tholl, scarlet	1.25	12.00
" " " yellow	2.00	18.00
" " " crimson	1.00	10.00
Duchesse de Parma, orange red	1.00	8.00
Keizerskroon, red and yellow	1.50	14.00
Pottebakker, scarlet	1.60	15.00
" yellow	1.20	11.00
Princess Marianna, white	1.00	9.00
Rosamundi (Huyckman), pink	1.00	8.00
Standard or Royal Silver	1,50	14.00
Van Goyen, rosy white	1.20	11.00
Wouwerman, purple	1.75	16.00
Yellow Prince, yellow	1.00	8.00
Vermilion Brilliant, bright scarlet and vermilion, excellent for pots and very showy bedder	2.75	26.00
White Hawk (true), very large, very fine, pure white—early too	1.75	15.00
Superfine single mixed	.75	7.00
Fine single mixed	.50	5.00

SINGLE TULIPS in Separate Colors

	Per 100	Per 1000
Rose	$0.75	$7.00
White	.75	7.00
Yellow	.75	7.00
Striped	.75	7.00

DOUBLE TULIPS

	Per 100	Per 1000
Count of Leicester	$0.75	$7.00
Duc Van Tholl, red and yellow	.75	6 50
Gloria Solis, red with yellow border	1.25	12.00
Imperator Rubrorum, scarlet	2.25	22.00
Murillo, blush white	2.00	18.50
Rose Blanche, fine white	1.00	8.50
Salvator Rosa, deep rose	2.50	25.00
Tournesol, red and yellow	1.50	15.00
Yellow Rose, yellow	.75	7.00
Superfine double mixed	.75	7.00
Fine double mixed	.65	6.00

PARROT TULIPS

	Per 100	Per 1000
Admiral de Constantinople, red, yellow edge	$0.76	$7.50
Cramoisi Brilliant, crimson with bluish markings	.85	8.00
Markgraaf Von Baden, red and yellow	.85	8.00
Superfine mixed	.75	6.50

Late May Flowering Tulips

	Per 100	Per 1000
Beauty of America, white changing to pink	1.00	10.00
Bizarre, mixed	.75	7.50
Bouton d'Or, yellow	.90	8.50
Darwins, mixed	1.25	12.00
Gesneriana Macrospila	.75	6.00
Maiden's Blush (Picotee), white, pink edge	1.50	14.00
Retroflexa, yellow	2.00	20.00
Admiral Von Kinsbergen	1.00	8.00
Peony Gold, double	1.25	12.00
" **Red,** double	1.25	12.00

NARCISSUS GOLDEN SPUR

The Finest Narcissus for Forcing.
$1.50 per 100; $14.00 per 1000.

	Per 100	Per 1000
Narcissus Poeticus	$ .40	$3.00
" " **Ornatus**	.75	6.50

LILIUM MULTIFLORUM

Boddington's Early or Easter Flowering Type.

7—9-inch bulbs, 300 in a case.....$5.00 per 100; $45.00 per 1000
9—10-inch bulbs, 200 in a case..... 8.50 per 100; 80.00 per 1000

LILIUM GIGANTEUM AND ALL OTHER BULBS.
Send for Special Prices and Catalogue.

HARDY ROSES IMMEDIATE DELIVERY.

Guaranteed American-grown Crimson Ramblers, grown on own roots, 3 to 5 feet, strong, $1.75 per 10; $15.00 per 100. 4 to 6 feet, extra strong, $2.00 per 10; $18.00 per 100.

The right time to buy Roses is in the fall when they are fresh and well ripened. Roses potted up in the fall or late winter become better established and force better, and are far more satisfactory in every way, and you can retard or force at your leisure. We recommend the **American-grown "Ramblers."** Don't attempt to **force** imported Ramblers; the general experience is that they are a failure.

Hardy H. P. Roses

Prices on H. P. Roses $1.25 per 10; $11.00 per 100; $100.00 Per 1000.

We offer exceptionally strong two-year-old dormant, low-budded stock (on Manetti), in the following varieties:

Alfred Colomb, carmine.
Anne de Diesbach, bright carmine.
Ball of Snow, pure white.
Baron de Bonstetten, dark crimson shaded.
Baroness Rothschild, satiny pink; extra.
Captain Christy, delicate flesh color.
Duke of Edinburg, bright vermilion; very fine.
Fisher Holmes, dark red scarlet.
Frau Karl Druschki, the finest white in existence, $12.00 per 100.
General Jacqueminot, rich velvety crimson.
General Washington, beautiful red, shaded carmine.
John Hopper, beautiful rose-pink.
La France, the finest light pink.
Margaret Dickson, white, pale flesh center.
Magna Charta, clear rosy pink.
Mme. Gabriel Luizet, light, satiny pink.
Mme. Plantier, white.
Mrs. John Laing, soft pink; most desirable variety.
Paul Neyron, beautiful dark pink.
Prince Camille de Rohan, velvety crimson.
Ulrich Brunner, cherry red.

HYDRANGEA OTAKSA

York State strong field-grown plants, Immediate delivery

	Per 12	Per 100
3 to 4 Heads	$1.50	$12.00
4 to 5 Heads	2.00	15.00
5 to 6 Heads	2.50	18.00
6 to 7 Heads	2.75	20.00

Arthur T. Boddington, 342 WEST 14TH ST. NEW YORK

NAPERVILLE, ILL.—Charles F. Rohr says the prospects for business the coming season are good in this locality.

CAMBRIDGE, PA.—William Lewis is constructing a large greenhouse and will grow vegetables.

MIDDLETOWN, PA.—Bauder Bros. are erecting a house 40x80 for roses, making the foundation and walls of cement.

NEW ORLEANS.

Club Meeting.

At the monthly meeting of the New Orleans Horticultural Society there also was an informal chrysanthemum show. Several members brought fine flowers for inspection, but the ones which attracted the first attention had been sent by the E. G. Hill Co., Richmond, Ind. They were perfect in size and finish, George Beach, Lord Salisbury, Amateur Consiel, Lucy Evans and May Seddon being among the best. J. A. Newsham followed closely in quality with Convention Hall, J. C. Neville and others. Abele Bros. had Dr. Enguehard, General Hutton and S. T. Wright. Cook's Sons brought Pullman, Eaton and R. E. Richardson. B. M. Wichers had some good ones. H. Papworth had a fine display of American Beauty and Golden Gate roses. With such a showing of mums it was an easy matter to decide about a flower show for next fall, and a motion by Mr. Lockerbie for that purpose was unanimously carried.

Letters from Mr. Newel and others were received accepting the invitation to deliver lectures on insects and parasites, and a committee was appointed to devise location and time for same.

P. A. Chopin, C. R. Panter and C. W. Eichling were appointed a committee to revise the by-laws of the society. The society has been in existence many years and the membership is increasing.

J. A. Newsham introduced to the members J. Guyot, a practical collector of orchids. This gentleman, who has been working as a florist in different parts of Europe and the United States, is going in a few days to Colombia, being sent by J. A. Newsham to collect orchids, which will be shipped to New Orleans as fast as possible. Mr. Newsham intends to go into the business as a specialty. His long experience in the business, having collected orchids himself in South America and being in charge some years ago of the rare and large collection of the late Onorato, is assurance of success. It seems that the taste for and need of orchid flowers is increasing and no doubt such an enterprise in New Orleans is starting under the best auspices.

Various Notes.

The horticultural inspectors met at a convention in Baton Rouge on November 15. The following officers were elected for the coming year: President, A. F. Burgess, of Ohio; secretary, J. B. Smith, of New Jersey.

J. Steckler Seed Co., Ltd., is moving to its new and spacious building, 512 to 516 Gravier street. The store is large and offers more accommodations to their increasing business. M. M. L.

WAYSIDE NOTES.

William Mathews, of Utica, N. Y., has a fine showing of cattleyas. Among them are the rare C. labiata vera., C. gigas and C. Harrisoniæ, the latter a lovely flower, porcelain white, shaded with deep pink. I counted eight flowers on one spike. I also saw a fine specimen of C. Dowiana with Mr. Ballantyne, gardener to Mrs. Thompson at Canandaigua, and C. Bowringeana at Mrs. Kimball's, Rochester, where Colin Ogston has charge.

Frank Baker, who reports a big run on ferns, says he never sold out so clean as this season.

J. B. Keller & Sons, of Rochester, N. Y., are cutting some first class chrysanthemums and have a big stock in sight for the holidays.

F. Schlegel & Sons report an unusually good business thus far.

H. Keitsch & Sons, Buffalo, N. Y., are finishing the decoration of their new store, which when complete will be very handsome. It includes a mantel which will be kept decorated to illustrate different styles. N. M.

THE REVIEW is the pusher.—J. G. ANGEL, Neosho, Mo.

YOUR paper increases in value month by month, and I look for it each Saturday.—R. S. BENNETT, Lynn, Mass.

The Florists' Manual

We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."

South Bend, Ind., July 28, 1906. SOUTH BEND FLORAL CO.

THE REVISED EDITION IS NOW READY.
Price, $5.00 a copy, carriage charges prepaid.

FLORISTS' PUBLISHING CO., 334 Dearborn Street, CHICAGO

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Orders now booked for rooted cuttings
OF
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KIMMSWICK, MO.
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WANTED
White and Yellow Snapdragon
Stock, three or four-inch.
Also KAISERIN STOCK.
Braidwood Floral Co., Harris, Colo.
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PRONOUNCING DICTIONARY
A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

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"The Pronouncing Dictionary fills a long-felt want."
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A Booklet just the size to fit a desk pigeon-hole and be always available.
Sent postpaid on receipt of 25c.

Florists' Publishing Co.
Caxton Building
334 Dearborn Street, Chicago

Wholesale Cut Flower Prices.

Buffalo, Nov. 21.

	Per 100
Beauties, Specials	$30.00 to $40.00
" Extra	15.00 to 30.00
" Shorts	5.00 to 15.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	4.00 to 5.00
" " No. 2	3.00 to 4.00
Liberty	3.00 to 8.00
Golden Gate	2.00 to 6.00
Kaiserin	3.00 to 7.00
Meteor	3.00 to 6.00
Perle	3.00 to 5.00
Carnations	1.50 to 3.50
Chrysanthemums	5.00 to 20.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	12.00 to 15.00
Harrisii	12.00 to 15.00
Violets	1.00 to 1.25

Milwaukee, Nov. 21.

	Per 100
Beauties	$20.00 to $25.00
" Medium	15.00 to 18.00
" Shorts	4.00 to 8.00
Bride and Bridesmaid	4.00 to 6.00
Golden Gate, Chatenay	4.00 to 6.00
Liberty	4.00 to 6.00
Kaiserin	4.00 to 6.00
Perle	4.00 to 6.00
Carnations	2.00 to 4.00
Valley	3.00
Asparagus Plumosus, Strings	50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Chrysanthemums—	
Small, doz., 75c-$1.00	
Medium, doz., $1.50-$2.00	
Large, doz., $2.50-$3.00	
olets	1.00

Cleveland, Nov. 21.

	Per doz.
Beauties, Specials	$6.00
" Extra	5.00
" Select	4.00
" No. 1	2.50
" Shorts	1.50
	Per 100
Kaiserins	$ 4.00 to $ 8.00
Brides and Bridesmaids	3.00 to 8.00
Carnations	3.00 to 5.00
Chrysanthemums, doz., 75c-$2.00	
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

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Wholesale Cut Flower Prices.

Philadelphia, Nov. 21.

	Per doz.	
Beauties, Specials	$3.00 to	$4.00
" Medium	2.50 to	3.00
" Short	1.00 to	1.50
	Per 100	
Brides and Bridesmaids, Select	$5.00 to	$6.00
" " Shorts	3.00 to	4.00
Richmond, Liberty, Select	5.00 to	8.00
" Ordinary	3.00 to	4.00
Kaiserin, Select	6.00 to	8.00
" Ordinary	3.00 to	4.00
Killarney, Chatenay	4.00 to	6.00
Carnations, Fancy	3.00 to	4.00
" Select	2.00 to	3.00
" Ordinary		1.50
Harrisii Lilies, doz., $2.00		
Adiantum Cuneatum		1.00
" Hybridum		1.50
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprays, bunch, 50c		
" Sprengeri, bunch, 50c		
Smilax	12.50 to	15.00
Valley	4.00 to	5.00
Cattleya Labiata		50.00
Oncidium	2.00 to	3.00
Cypripediums	15.00 to	20.00
Dendrobium Formosum		40.00
Phalænopsis	8.00 to	10.00
Vanda Cærulea	15.00 to	20.00
Callas	12.50 to	15.00
Violets Single	.50 to	1.00
" Double	1.00 to	1.50
" White		2.00
Chrysanthemums—		
Fancy, doz., $2.00-$3.00		
Select, doz., $1.00-$1.50		
Ordinary, doz., .50- .75		
Gardenias, doz., $5.00		
Bouvardia	2.00 to	3.00
Pansies, per bunch, $5.00-$6.00		
Snapdragon	3.00 to	4.00
Sweet Peas	1.00 to	1.50

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New York, Nov. 19.

	Per 100
Beauties, Specials	$25.00 to $40.00
" Fancy	15.00 to 25.00
" Extra	10.00 to 15.00
" No. 1	6.00 to 8.00
" No. 2	2.00 to 5.00
Brides and Maids, Special	4.00 to 5.00
" " Extra	3.00 to 4.00
" " No. 1	2.50 to 3.00
" " No. 2	1.00 to 2.00
Golden Gate, Chatenay	2.00 to 10.00
Killarney	2.00 to 8.00
Richmond	2.00 to 10.00
Orchids, Cattleyas	35.00 to 50.00
" Cypripediums	10.00 to 12.00
Gardenias	15.00 to 25.00
Carnations, Common	1.00 to 1.25
" Selects	1.50 to 2.00
" Fancies and novelties	3.00 to 5.00
Chrysanthemums, Ordinary	2.00 to 10.00
" Fancy	15.00 to 50.00
Violets	.75 to 1.25
Adiantum Cuneatum	.50 to 1.00
" Croweanum	.75 to 1.00
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	8.00 to 12.00
Lily of the Valley	1.00 to 3.00
Smilax	5.00 to 8.00
Paper Whites	2.00 to 3.00

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" 24-inch stems		2.00
" 20-inch stems		1.50
" 15-inch stems		1.25
" 12-inch stems		1.00
" Short stems	.60 to	.75
	Per 100	
Bridesmaids, Specials	$5.00 to	$8.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	8.00
" Firsts	3.00 to	4.00
Richmond, Specials	5.00 to	8.00
" Firsts	3.00 to	4.00
Liberty	3.00 to	8.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Killarney	3.00 to	10.00
Uncle John	3.00 to	6.00
Perle	3.00 to	5.00
Chatenay	3.00 to	8.00
Carnations, Select	2.00 to	3.00
" Fancy	3.00 to	4.00
Violets, double	.75 to	1.50
" single	.75 to	1.00
Chrysanthemums, fancy...doz., $3		
" medium, doz., $1.50-$2		
" small	6.00	10.00
Cattleyas.....per doz., $6.00		
Dendrobium—		
Formosum....doz., $4.00 to $6.00		
Harrisii	15.00 to	18.00
Callas	15.00 to	18.00
Valley	3.00 to	5.00
Sweet Peas	1.00 to	1.50
Bowardia	2.00 to	4.00
Paper Whites	3.00 to	4.00
Asparagus, Strings	35.00 to	50.00
" Sprays, per bunch, 25-75c		
" Sprengeri, " 25-35c		
Ferns.....per 1000, $1.50		.20
Galax.....per 1000, $1.00 to 1.50		.15
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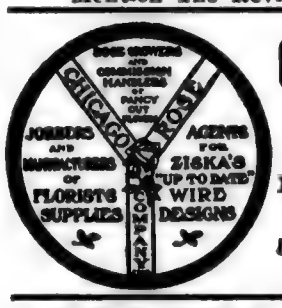
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Carnations, Valley, Chrysanthemums

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Wholesale Cut Flower Prices.

Boston, Nov. 21.

	Per 100.	
Beauties, Specials	$30.00 to	$40.00
" Extra	20.00 to	25.00
" Short Stems	4.00 to	12.00
Brides, Specials	4.00 to	8.00
" Seconds	1.00 to	2.00
Bridesmaids, Specials	4.00 to	8.00
" Seconds	1.00 to	2.00
Chatenay	1.00 to	8.00
Wellesley, Killarney	1.00 to	8.00
Liberty, Richmond	10.00 to	12.00
Carnations, Special	3.00 to	4.00
" Select	2.00 to	2.50
" Ordinary		1.50
Lily of the Valley	3.00 to	5.00
Asparagus Plumosus, Strings	30.00 to	50.00
" " Sprays, bunches	25.00 to	50,00
" Sprengeri, bunches		25.00
Smilax	10.00 to	12.00
Harrisii	10.00 to	12.00
Violets	.50 to	.75
Chrysanthemums	2.00 to	20.00
Cattleyas	30.00 to	35.00
Cypripediums	10.00 to	12.00
Callas	8.00 to	16.00
Antirrhinum	3.00 to	4.00

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St. Louis, Nov. 21.

	Per doz.	
Beauties, Specials	$ 3.00 to	$ 4.00
" Extra	1.50 to	2.00
" Shorts	.75 to	1.00
	Per 100	
Brides and Maids, Specials	$ 3.00 to	$ 4.00
" " No. 1	1.00 to	2.00
Golden Gate	2.00 to	3.00
Richmond	3.00 to	4.00
Carnot	3.00 to	5.00
Carnations, Common	1.00 to	1.50
" Fancies	2.50 to	3.00
Chrysanthemums, doz., $1.50 to $3		
Adiantum	1.00 to	1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	12.50 to	15.00
Violets	.35 to	.60
Paper Whites		4.00

Pittsburg, Nov. 21.

	Per doz.	
Beauties, Specials		$ 3.00
" Fancy		2.50
" Medium	$1.50 to	2.00
" Short	.75 to	1.00
	Per 100	
Brides and Bridesmaids, Fancy		$8.00
" " Medium	$4.00 to	6.00
" " Short		3.00
Richmond, Specials		8.00
" Select		6 00
" Ordinary	3.00 to	4.00
Kaiserin, Specials	6.00 to	8.00
" Ordinary	3.00 to	4.00
Killarney	4.00 to	8.00
Chatenay	4.00 to	8.00
Perle		6.00
Bon Silene	2.00 to	4.00
Cusin	3.00 to	6 00
Carnations, Ordinary	1.00 to	2.00
" Fancy	2 50 to	3.50
Adiantum	.75 to	1.50
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprays, bunch, 40c-50c		
" Sprengeri, b'h, 40c-50c		
Smilax	12.50 to	15.00
Valley	3.00 to	4.00
Easter Lilies	15.00 to	18.00
Chrysanthemums	6.00 to	25.00
Violets, double	1.00 to	1.50

Wholesale Cut Flower Prices.

Cincinnati, Nov. 21.

	Per 100.	
Beauties Extra	$25.00 to	$35.00
" No. 1	12.50 to	20.00
" Shorts	6.00 to	8.00
Brides and Maids, Extra		6.00
" " No. 1		4.00
" " No. 2		3.00
Golden Gate	3.00 to	6.00
Kaiserin	3.00 to	6.00
Liberty	8.00 to	8.00
Meteor	3.00 to	6.00
Perle and Sunrise	3.00 to	5.00
Carnations	1.00 to	4.00
Chrysanthemums	10.00 to	25.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	4.00 to	5.00
" Sprengeri, "	2.00 to	3.00
Lilium Harrisii	12.50 to	15.00
Smilax	12.50 to	15.00
Lily of the Valley	3.00 to	5.00
Callas	8.00 to	12.50
Adiantum	.75 to	1.50
Violets	.50 to	1.00
Baby Primroses	.35 to	.50
Snapdragon	3.00 to	4.00
Paper Whites	3.00 to	4.00

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Headquarters for Wood Moss in any quantity.

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YOUR ORDERS for EVERY DEPARTMENT of FLORAL ART are earnestly solicited and my personal attention will be given even to the smallest detail

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Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

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Tel., 2135-J Prospect. Greenhouses at Poughkeepsie.

In the heart of the bon-ton retail section of the City of Churches. Telegraph or send your orders from any part of America and they will be well and promptly filled with fresh stock from our own houses. No disappointments. No delays. Send me a Trial Order.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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We handle the highest grade of stock in the market. Trade orders from all parts of the country filled for delivery at residence, steamer, hotel or theatre. Wire or telephone a trial order.

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Telephone No. 3034 Madison. No. 2 WEST 29th ST., One door off Fifth Ave., NEW YORK.

The leading florists in all the large cities of the United States and Canada can safely intrust their theatre and steamer orders to me. Personal attention guaranteed. I ask for but one trial to insure your confidence.

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THANKSGIVING GREETING

To Our Out-of-town Friends and Customers

Dozens of you will send flowers to your relatives, sweet hearts, children and customers in New York City on Nov. 29. If you will entrust these gifts to me your instructions will be faithfully observed.

Main Store, 1207 Broadway, Between 28th and 29th Streets, NEW YORK. **Branch Store, 66 Broadway, Manhattan Life Building**

Main Telephone, 36 Madison Square. All Night Telephone, 4817 R. Morningside.

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☞Orders from any part of the country filled carefully and at wholesale prices.

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All Kinds of CUT FLOWERS

In their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

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will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

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119 No. 16th Street, OMAHA, NEB.

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Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

STEAMER SAILINGS.

Sails—	From—	To—	Date.
Egremont Castle.	New York.	Barcelona ..	Nov. 25
Em. of China....	Vancouver.	Japan	Nov. 26
Carpathia.....	New York.	Naples	Nov. 27
Cedric.....	New York.	Naples	Nov. 29
P. Irene.....	New York.	Naples	Dec. 1
Republic.....	Boston.....	Naples	Dec. 1
Carolina.....	New York.	San Juan....	Dec. 1
Grangeuse.....	New York.	Barbados ...	Dec. 5
Tartar.....	Vancouver.	Japan	Dec. 5
Montevideo.....	New York.	Genoa	Dec. 6
Caracas.....	New York.	P'to Cabello.	Dec. 8
K. Luise.....	New York.	Naples	Dec. 8
La Touraine.....	New York.	Havre	Dec. 15
Francesca.....	New York.	Algiers	Dec. 22

WILKESBARRE, PA.—W. G. Neilson, although interested in other business enterprises, gives his greenhouse close attention and has become a successful developer of rare plants.

BLUFFTON, IND.—Myers & Co. have finished installing a 100 horse-power boiler, have built extensions 17x21 to three houses and are now building a rose house 24x121 feet. The latter will be used for vegetable plants the first season. Sales of vegetable plants last spring aggregated over 200,000.

MYER 609-611 Madison Avenue New York

Long Distance Phone, 5297 Plaza.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

PITTSBURG.

The Market.

The men in the retail cutflower business are so busy they do not have time to eat. Everybody is happy, and it seems florists are the only people I know who are pleased to go hungry. Social functions of all kinds calling for decorations have made things lively, and the retail business along all lines looks encouraging, as many orders are booked ahead and a good season is predicted by all. In the wholesale houses chrysanthemums have been more plentiful than ever before and prices have not been satisfactory, but it is hoped that the worst is over. Roses of all kinds are very plentiful and especially good. Carnations also are more plentiful and violets are the only things which seem scarce.

Various Notes.

The Pittsburg Cut Flower Co. has been making shipments of boxwood to Canada and Denver. This green seems to be more appreciated each year.

J. B. Murdoch & Co. have closed their Squirrel Hill greenhouses and are taking them down. The property is too valuable to use for greenhouse purposes.

W. Q. Potter, of the Pittsburg Cut Flower Co., is laid up with pneumonia as a result of exposure while moving their store.

Among the visitors are the Misses Forbes and Donahey, of Wheeling, W. Va.; Daniel E. Gorman, of Williamsport, Pa.; J. H. Orth, of McKeesport, and Geo. L. Huscroft, of Steubenville, stopped on his way to New York.

Hoo-Hoo.

CAMDEN, N. J.—Wm. S. Maull, receiver for L. K. Peacock, Inc., having disposed of the assets, has filed his final report in chancery, and on November 26 will ask an order for final distribution of the assets after meeting legal expenses. What happens in such a case is well illustrated by the fact that the receiver asks $1,000 as compensation, $1,000 as attorney's fees, and $100 as complainant's counsel fee.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

PEYTON & BARNES, Boonville, Mo., will go heavily into the growing of nursery stock for wholesale.

ILGENFRITZ & SONS CO., Monroe, Mich., reports this the busiest fall season the company has had.

THE Illinois State Horticultural Society will hold its fifty-first annual meeting at Champaign December 12 to 14.

ONE of the storage buildings at the C. L. Watrous nursery, Des Moines, Ia., burned November 16. The loss is $3,000.

THE Clinton Falls Nursery Co., Owatonna, Minn., is putting in a new side track connection with the Northwestern railroad.

IF diggers of nursery stock trusted more to the spade and less to the strength of the arms the laborer might be more worthy of his hire.

THE Phoenix Nursery Co., Bloomington, Ill., has just acquired sixteen acres adjoining its property in Normal which will be used to increase its output.

THE Northern Illinois Horticultural Society will meet at Joliet December 4 and 5. L. R. Bryant, H. M. Dunlop and other nurserymen have places on the program.

J. A. YOUNG, of the Aurora Nursery Co., Aurora, Ill., has completed the planting of the De Kalb county courthouse grounds at Sycamore, Ill. Trees and shrubs to the number of 1,400 were put in.

JOHN WATSON, former secretary of the Pioneer Nursery Co., Salt Lake City, Utah, who has been located at Newark, N. Y., is charged with irregularities in the books, which the president of the company has asked that he return and set right.

A PARTY of twenty-five nurserymen from all parts of the south, members of the National Nut Growers' Association, visited Ocean Springs November 4 to inspect the various pecan nurseries in the vicinity. They were entertained at luncheon by a delegation of citizens.

IT is said that when the nurseries in Tennessee notified their customers of fall shipments they created a famine in postal cards and penny stamps at Smithville, McMinnville, Liberty, Alexandria and Watertown that was reflected in hurry calls on Washington for supplies.

TREE SEEDS IN GERMANY.

Conrad Appel, of Darmstadt, Germany, reports as follows: The home-grown deciduous tree seeds were this year harvested mostly under favorable conditions. Both Acer platanoides and Acer pseudoplatanus are sufficiently grown for the small wants in that article, and obtainable in good quality. Betula alba is very different in quality and for light-colored seeds we have a heavy demand, so that we shall probably see higher prices when the seedsmen are covering their wants.

Carpinus betulus gave a satisfactory result, both with regard to quantity and quality, while Fraxinus excelsior had a perfect failure this year, and wintered seed, which is still obtainable in good quality, must make up for it.

Fagus sylvatica promised at first a poor result only, and according to the information I lately received, the crop will be a failure.

Quercus pedunculata and Quercus rubra are a medium crop in some centers of production and qualities seem to be satisfactory according to the first arrivals. Quercus rubra brings also a good harvest, and fine qualities.

Tilia grandiflora and T. parvifolia are not yet harvested, but my collectors announce a fair average crop, and samples I have seen show a satisfactory quality.

From the evergreen tree seeds which are already harvested, Abies pectinata, gave a perfect failure. Pinus strobus had a short crop in Germany, while the other centers of production announce that new seeds are nearly not obtainable. The crop of the other evergreens, as Larix Europæa, Picea excelsa and Pinus sylvestris, begins next month and seem to be satisfactory.

EMBELLISHMENT OF WAYSIDES.

Avoid Crowding.

For sanitary and hygienic reasons, streets ought not to be too much shaded. The sun should be permitted to shine on the walks, and on the walls of the houses, in turn, as the earth moves in its course. Glimpses of light and shadow, too, have an esthetic value, which is worth considering.

Sixty-five feet apart is the minimum distance, I think, at which street trees should be planted. For large-growing trees, as the elm or soft maple, seventy-five feet or one hundred feet apart would be none too much space to allow. Wayside or highway trees need not be set with the same precision as street trees. An irregular planting, conforming, in general, to the surrounding scenery, would be in better harmony. In places, an accentuation of existing groups of trees may be all that is necessary, or simply a thinning out of overcrowding trees, or of poor trees which are damaging more valuable ones; for let it be an axiom with the tree planter, who is planting for ornamental effect, never to permit the growth of one tree to injure that of another.

An important matter also in the care of trees is the pruning of all broken or diseased limbs or branches, by cutting the limbs off closely at the bole of the tree, leaving no stumps projecting, which the bark cannot grow over, to carry rot into the tree. Cut off smooth, and paint over the wound with coal tar.

If the soil is good, no preparation for planting is necessary, other than loosening up the ground for each tree for a space of from seven to ten feet in diameter, and from two to three feet in depth. When the soil is poor, not less than ten yards of good soil should be substituted for an equal amount of poor soil exca-

BOXWOOD, By The Carload

2½-ft. Bushes, 75c each; 5½-ft. Pyramids, $6.00 each.
Every plant a specimen. Other sizes at proportionate prices.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

PEONIES | **W. & T. SMITH CO.,** GENEVA, N. Y.

Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Clematis.

60 Years. Send for our Wholesale Price List. 600 Acres.

Mention The Review when you write.

SHRUBBERY BARGAINS

All transplanted stock, well furnished and splendidly rooted.

	100	1000
Berberis Thunbergi		
15 to 18 inches, bushy	$ 4.50	$40.00
18 to 24 inches bushy	6.00	70.00
2 to 2½ feet, bushy	11.00	100.00
2½ to 3 feet, heavy	18.00	165.00
Ligustrum Ibota (true)		
18 to 24 inches	$ 6.00	50.00
2 to 3 feet	8.00	70.00
3 to 4 feet	10.00	90.00
4 to 5 feet, extra	15.00	140.00
Lycium Chinense		
2½ to 3 feet	3.50	30.00
3 to 4 feet	5.00	45.00
2½ to 3 feet, headed back and bushy	6.00	50.00
3 to 4 feet, headed back and bushy	8.50	75.00

Packed free for cash with order.

J. T. LOVETT, Little Silver, N. J.

Mention The Review when you write.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

Always Mention the....
Florists' Review
When Writing Advertisers.

A Reminder

I WILL HAVE THIS FALL FOR SALE

100,000 California Privet, 2 to 4 feet, bushy.
500 California Privet Stanter, 5 feet, large heads.
500 California Privet Stanter, bush and sheared, fine for lawn.
2,000 American Elm, 10 to 12 feet, fine trees.
500 Horse Chestnut, 8 to 12 feet, fine heads and stocky.
1,000 Deutzia Gracilis, 2 to 3 years, good for forcing.
1,000 Roses, Clothilde Soupert.
2,000 Double Hollyhocks, 2 years, red, pink, white and yellow.
5,000 Dahlia Roots, all fine colors.
1,000 Althaeas, double, variegated, 2 to 4 feet.
500 Yucca Filamentosa, large blooming plants. Send for prices to

CARLMAN RIBSAM
31 Wall St. TRENTON, N. J.

Mention The Review when you write.

EVERGREEN

An **Immense Stock** of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

Mention The Review when you write.

PEONIES

M. L. Rhubarb Plants
Lucretia Dewberry Plants
—For Prices Write—
GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

vated from the hole. The same loosening up of the ground should be made.

If planting is worth doing at all, it is worth doing well, for on this depends the well-being of the tree. It is safe to say, if you have $20 to spend on planting a tree, let $19.50 of the amount be spent on the preparation of the ground to receive it. It should be borne in mind that the same conditions which will produce a good hill of corn, will grow trees well, and nothing else will serve.

Planting Groups or Masses.

In the planting of groups or masses of trees for ornamental or woodland effect, the soil should be plowed and sub-soil plowed several times. The trees should be planted thickly, always remembering the old gardener's motto: "Plant thickly, but thin quickly." More trees are ruined from crowding than from any other cause. The plantation should be treated precisely as a good farmer would treat a crop of corn. Give clean cultivation. Thick planting gives the advantage of shelter—each tree protects the other—and the further advantage of a greater number of trees from which to select the permanent ones. It also gives the effect of foliage mass the quicker.

These notes are written in the hope that they help to intensify the interest now manifested in the planting and protection of public trees. The subject is of such importance as to merit the earnest attention of all.

The insect question I have not touched upon. This, however, is so exhaustively covered by our entomologists that no one need work in the dark for want of knowledge of how to exterminate insect pests.

J. A. PETTIGREW.

Seasonable Stock for Florists!

Hydrangeas, Otaksa and Thos. Hogg { With 7-12 flowering crowns, $12.00 per 100 / With 5-6 flowering crowns, 9.00 per 100 / With 4 flowering crowns, 7.00 per 100

For Forcing, from 6-inch pots and open beds; all outdoor-grown.

ROSES Strong, Two-Year, Field-Grown, Selected for Forcing. **Hybrid Perpetuals.**$10.00 and $12.00 per 100; **Crimson Rambler** 9.00 per 100; **Dorothy Perkins** 7.00 per 100

and **LADY GAY.** a **new** hardy Climbing Rose of **exceptional merit;** ready **now** from 2½-inch pots only. Write for prices.

Jackson & Perkins Co., Newark, (Wayne Co.), New York
NURSERYMEN AND FLORISTS. WHOLESALE ONLY.

Mention The Review when you write.

SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

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Leedle Roses are Big

grown now

Floral Company, Springfield, O.
Expert Growers
Send for price list.

H.P.'s, H.T's, T's, R's, Cl's, B., etc.
101 best sorts on own roots from 2½ and 4-in. pots.

values for the buyer.
Send your want list.

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Large Privet

from 2 feet to 8 feet. Prices on application.

CREEPING OR TRAILING ROSES. Write for wholesale list.

ELIZABETH NURSERY CO., Elizabeth, N. J.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W. Peterson Ave., **Chicago**

Mention The Review when you write.

Hardy Plants of all kinds. Large stock of

Phlox, Iris, Pinks, Delphiniums, Shasta Daisies, Etc.

Send for Price List.

VICK & HILL CO. P.O. Box 613 **Rochester, N. Y.**

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

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Always Mention the....
Florists' Review
When Writing Advertisers.

Hardy English Ivy

A superb lot of field-grown plants, finely rooted and heavily clothed with foliage. Each plant has two or more main stems. Have a large surplus and to reduce it offer until December 1:

2 to 3-foot tops, $9.00 per 100.
3 to 4-foot tops, 12.00 per 100.

Packed free for cash with order.

J. T. LOVETT, Little Silver, N. J.

Mention The Review when you write.

Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand., Honeysuckles and other Shrubbery.

AT A BARGAIN

Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

Field-Grown ROSES

1½ to 4 ft. high, 90 varieties, $8.00 per 100.

CRIMSON RAMBLER

1 and 2 years, 1½ to 4 ft., $3.00 to $5.00 per 100.

WM. K. NELSON, Augusta, Ga.

Mention The Review when you write.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet....$10.00 per 100
" " strong, No. 2. 6.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

PACIFIC COAST.

Chico, Cal.—Prof. P. H. Dorsett, head of the U. S. Department of Agriculture station here, has gone to Washington for a conference with his chiefs.

The anti-Japanese sentiment on the Pacific coast, for a long time strong among growers, has gained such strength in other lines that it has attracted international attention. The feeling against the Japanese appears to be not at all understood in other sections of the United States.

SAN FRANCISCO.

The Market.

Business still continues fair, with a reasonable demand for all classes of stock. The weather is dry and warm, and a heavy rain is needed to give the proper impetus to trade. The retailers are depending to a large extent on the chrysanthemum crop, and as this is hardly up to the standard of former years the effects, judging from the window displays, do not flatter the growers much. Some fine indoor stock is shown from the Burlingame growers, which costs the retailers from $2 to $3 per dozen. With roses there is still a scarcity of fancy stock, but plenty of ordinary quality is in evidence. Brides and Maids net the growers from $1.50 to $2.50 per hundred, with about twice that figure for long-stemmed stock. Beauties wholesale at from $1 to $1.50 per dozen. Carnations are in abundant supply, with a great percentage of short stock. The weather has been favorable for several weeks, with plenty of sunshine and warm nights. The prices have not changed for the last month, and from present prospects there will be an abundant supply for Thanksgiving at reasonable figures. Other kinds of stock are only in light supply, with the exception of violets, and they are daily becoming more plentiful. Valley is also easier and of splendid quality. A few Paper White narcissi have arrived, also Roman hyacinths. Green stuff is scarcer and the demand for everything in that line is good.

Various Notes.

T. W. Hunter, of the Germain Seed Co., Los Angeles, is in town for a few days.

H. M. Sanborn, of Oakland, has changed the entire front of his Fourteenth street store and now has one of the most attractive stores on the coast.

The California State Floral Society held its regular monthly meeting at Henry P. Tricon's home, 852 Grove street, on November 10. A good attendance listened to a paper by Mrs. A. R. Gunnison, on "The Floriculture of San Francisco, Past and Present." She gave much interesting history from pioneer days down to the present time, and proved herself thoroughly conversant with the topic. Quite a showing was made of outdoor-grown roses, chrysanthemums and other hardy stock. Mrs. Sachan, of San Leandro, showed a nice lot of early-flowering narcissi. The resignation of President F. A. Miller was reluctantly accepted. Mr. Miller has been with the society from its commencement, and has probably done more than any other member to foster the organization, especially in its earlier years. He has been in poor health for some time and has been compelled to relinquish many of his activities. There has been no action taken in regard to a spring exhibition, but this will probably be discussed at the next meeting, which will be held at the same place early next month. G.

ADIANTUM PEDATUM

Adiantum Pedatum grows its fronds 24 inches high, with 5 branches on a stiff stem. No better adiantum grown for cutting or as a pot plant. Strong 5-inch pots, $10.00 per 100. Cash, ex. prepaid. Try 25 and you will want more.

YELLOW CALLA, ELLIOTTIANA, strong bulbs, the Cummings pot plant, 35c each; $4.00 per 12.

A. MITTING, 17-23 KENNAN ST., SANTA CRUZ, CAL.

Mention The Review when you write.

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong field-grown divisions, **true to name,** $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz,, Cal.

Mention The Review when you write.

We are booking orders now for

ASPARAGUS PLUMOSUS NANUS

for delivery next winter. Per ounce (about 700 seeds), $1.00; per pound, $14.00; per 5 pounds, $55.00; per 10 pounds, $100.00.

F. Gilman Taylor Seed Co., Glendale, Cal.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $2.00 per 100.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

The following from 2-inch at $2.00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).

Smilax, 2½-in., $2.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain—After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18 00 per 100.

Mme. Caroline Testout, $12.00 per 100.

Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

CARNATIONS OUTDOORS.

The carnation as a garden flower is not as popular at the present time as it should be and is not given the place it deserves or has held until the last few years. The fact that it has become so well known as a greenhouse flower and so plentiful everywhere in the shops has put a ban on the humbler garden-grown variety. Still the carnation is one of our most satisfactory garden flowers and we have yet to find anything so prolific in blooms and at the same time so easy of cultivation. The carnation with us flowers practically all the year around. In summer the plants are, if they are partially shaded and plenty of moisture applied, better than those from the greenhouses.

The best results are always obtained from young plants. They should be planted early in the spring in a well-drained situation, partially shaded if possible and in soil that is not too heavy. This latter condition is just the opposite from that demanded by roses to get the best results. I have, however, had fair results from some varieties of carnations planted in black, heavy ground, but they are not long-lived usually. Much more satisfaction will be had from them if the soil is of a lighter nature. They do not root deeply and for that reason should be given plenty of material to feed on. Work in a good quantity of well-rotted manure about twice during the season. Keep the ground and the plants well watered, and good results will follow. They should be planted in beds by themselves and not mixed up with other shrubbery. Keep well staked and, as I stated before, give a partial shade if possible. The plants will grow well enough in the sun, but it is impossible to get any perfect flowers from the pink varieties on account of sunburn. The white, scarlet and variegated do not burn so easily, however, and do well even in the hottest weather.

On account of the fondness of the gopher for this class of plants, many people have ceased to attempt to cultivate them. And as gophers are our most popular pests, they have to be reckoned with. I have seen these chaps fooled by planting the carnations in well-perforated oil cans, or in small baskets made of wire netting, but gophers can be gotten rid of by the use of strychnine and carrot and a little patience in a short time.

Thrip is occasionally very annoying to outdoor carnations. Some years we do not see much of it, but it is always more or less prevalent in the summer. With the use of plenty of water in the plants it can easily be kept in check. I have had little difficulty in cutting quantities of good substantial flowers throughout the summer when much of the inside stock was below the standard. G.

APPLES IN THE NORTHWEST.

Three hundred carloads of apples were sent out by the growers in the Grande Ronde valley in northeastern Oregon, south of Spokane this season. There are 2,000 acres of orchards in the valley but many of these are under three years. More orchards will be made this winter and next spring.

The Grande Ronde valley is a peculiarly favored locality for apple growing. Hood river is another, and so are Wenatchee and the Yakima valley in Wash-

ington. There never has been a crop failure in the valley, but those who planted the orchards generally made two expensive errors: They planted too many trees to the acre, and selected too wide a diversity of varieties. However, the latter mistake has resulted in clearly demonstrating the varieties certain to yield the greatest profit, and the new orchards are being limited to apples that experience has proven will bring the biggest returns. These are the Gano, the Rome Beauty and the York Imperial.

While the rainfall in the Grande Ronde valley averages only about ninteen inches a year, it is ample for the needs of winter apple trees, and few of the orchards are irrigated. Irrigation tends to bunch the roots of the tree near the surface of the ground, for the simple reason the roots do not have to go deep into the soil for moisture. As a result irrigated trees lack the sturdiness necessary to resist heavy winds, and are apt to at least lean noticeably. The trees in the non-irrigated orchards of the Grande Ronde valley stand erect, and their symmetry is commented upon by all visiting fruit growers. Water is found almost anywhere in the valley, at a depth from nine to twelve feet, so that the roots speedily grow deep into damp soil. The Grande Ronde apples first came into notice at the Columbian Exposition at Chicago in 1893.

AUSTIN, TEX.

Current Comment.

The season at Austin, Texas, has been remarkable. Up to this date we have had no frost and during October less than an inch of rain, with the result that only those who could irrigate have anything growing outside their greenhouses. The dry season has produced a large cotton crop and exceptionally good opportunity to gather it. Cotton is now green and blooming, and looks far too beautiful for a mere commercial crop.

The new Austin Floral Co. has opened its business in a large plate-glass-fronted store, near Eighth street on Congress avenue. The firm is composed of A. J. Seiders, O. Olsson and Robert Lawson. All are practical florists and popular men.

The Hyde Park Floral Co. has done a splendid business all summer, getting most of its flowers from F. T. Ramsey's flower farm, which he cultivates largely for pleasure in connection with his nursery. He irrigates from surface wells, and maintains a driveway the entire length of the garden and experimental grounds, that the public may enjoy their beauty.

The State University has built an addition to its greenhouse, 16x30 feet, and has installed a hot water heating plant.

The greenhouse plant of Charles Alf & Co., in the eastern part of the city, has been enlarged by two new houses this summer.

Mums and carnations are just arriving, the weather until recently having been too warm. H. B.

THE REVIEW will send Saltford's Violet Book on receipt of 25 cents.

ABERDEEN, S. D.—C. A. Spink opened a store on South Main street November 15.

EAST LIVERPOOL, O.—Chal Peterson, the originator of Chrysanthemum Ceramic, has been holding a flower show at his greenhouses which attracted a large number of visitors.

MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

Primroses! Ferns!

Primroses, 2¼-inch.....$2.00 per 100
" 3-inch..... 3.00 per 100
" 4-inch..... 6.00 per 100
Obconica, 4-inch..... 6.00 per 100
Boston, Piersoni, Scottii and Barrowsii, all sizes, 10c to $1.00; 4 to 12-in. pots.

J. S. BLOOM, Riegelsville, Pa.

Mention The Review when you write.

MELODY.....

The original Daybreak Sport from Mrs. Lawson, **is a money-making Carnation.** Produces just as well, sells just as well, ships better and lasts longer than Enchantress. Stock in good healthy condition, cuttings ready December 15. $10.00 per 100; $75.00 per 1000. Send in your order now.

Quality is Our Hobby

W. C. HILL FLORAL CO.
STREATOR, ILLINOIS.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Mention The Review when you write.

BOSTON FERNS

Fine pot-grown stock from 6 in., 40c each; 5-in., 25c; 8-in., $7.00 per 100; 2½-in., $3.00 per 100.
Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Mention The Review when you write.

Geraniums..

Standard named var., 2½-inch, strong, to make room, $2.00 per 100; $18.00 per 1000.
ASPARAGUS PLUMOSUS, 2-inch, strong, $3.00 per 100; $25.00 per 1000.

C. HUMFELD, CLAY CENTER, KANSAS

Mention The Review when you write.

Asparagus Plumosus

Strong plants, 2¼-in., ready for 3-in., $1.50 per 100; $14.00 per 1000. Cash.

TONG & WEEKS, Ashtabula, Ohio

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

2½-in., 12c each; 3-in., 20c each; 4-in., 35c each. Very strong.

HENRY ERNST & SON, Washington, Mo.

...Wholesale Trade List...

Asparagus Plumosus, seedlings, ready for pots, $1.00 per 100; $8.00 per 1000.
Asparagus Plumosus, 3-in. pots, $5.00 per 100.
Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots. $2.00 per 100.
Asparagus Sprengeri, 5-in. pots, $2.00 per doz.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100. 3-in. pots, 75c per doz.; $5.00 per 100.
Paris Daisy, strong, 3-in. pots, $4.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Geranium stock plants grown in pots: La Favorite, double white; Telegraph; John Doyle, Queen of the West, S. A. Nutt, scarlet; $1.00 per doz.
Hydrangeas Otaksa and Thos. Hogg, fine field-grown plants, $10.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
Sansevierias, strong, 3-in. pots, $1.00 per doz.

C. EISELE, 11th and Roy Streets, **PHILADELPHIA, PA.**

Mention The Review when you write.

500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

Mention The Review when you write.

PHOENIX ROEBELENII

Beautiful, Graceful, Useful.

	each	10	100
7-inch pot plants	$4.00	$35.00	$300.00
4-inch pot plants	1.00	9.00	80.00

WELL-ROOTED SEEDLINGS

	100	1000	10,000
4 to 5 inches high	$5.00	$40.00	$300.00

JOHN LEWIS CHILDS
FLORAL PARK, N. Y.

Mention The Review when you write.

ROOTED

Carnation Cuttings

Leading varieties. Write for prices

WM. WINTER, KIRKWOOD, MO.

Mention The Review when you write.

Orders now booked for rooted cuttings of
CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

ORCHIDS For Spring Delivery

March, April and May, **Vanda Coerulea** and **Dendrobium Wardianum Lowii.** We quote prices per 100 plants. **Cypripedium Callosum,** we shall have one shipment of 5,000 plants. For June or July delivery, we shall have the rare **Vanda Sanderiana** and can quote prices per single plant or in quantity.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

INDIANAPOLIS.

Current Comment.

The bright weather of the last week has succeeded in forcing in a lot of mums, some of the late varieties being from ten days to two weeks ahead of time. Consequently a glut has been experienced. The Tomlinson flower market presented a brignt appearance Saturday morning, there being thousands of blooms exhibited, from the largest to the smallest and in all colors. Rain falling early in the afternoon and getting heavier towards night spoiled all chance of a good market day. Carnations are coming in greater quantity and quality improving every day. The same can also be said of roses.

Wiegand & Sons have an effective window decoration, one of the prettiest they have ever put up.

Bertermann Bros. report a large attendance at their opening last week, and they certainly deserved it, as they exhibited a lot of fine flowers and plants.

Homer Wiegand spent a few days in Posey county among the quail and rabbits. He is one of the champion wing shots among the florists here.

Visitors this week were: William Walker, of Louisville, Ky.; Mr. Elverson, of Pittsburg, and S. M. Harbison, of Danville, Ky. S.

BALTIMORE.

The Market.

The flower show last week brought out thousands of visitors and these helped the retailers dispose of surplus stock. There is plenty of design work, as there have been a number of weddings and banquets. Roses are not as plentiful, while carnations are arriving in large quantities. Violets are still scarce. A great many artificial designs are being made up for the holidays, but there is not much holly to be had.

There was a glut of chrysanthemums in the market Saturday.

Various Notes.

P. B. Welch had the sale of the flowers at the show and did fairly well.

Halliday Bros. made a fine showing of decorative plants at the exhibit.

N. Gray, Catonsville, has his three houses stocked and ready for business.

Robert L. Graham has a fine lot of Harrisii lilies.

Kirkley & Sons have moved from Light street to 906 South Charles street, two doors below Albert Fiedler & Co.

George Rileigh has a large black dog on the street with a sign marked, "Rich garden soil for sale." The dog also has a hat on, trimmed with lily of the valley. J. L. T.

Lake Geneva, Ill.—The Lake Geneva Gardeners' Association had a most successful second annual show November 9 and 10.

VINCAS

Variegated, strong, rooted tips, stored in cool house, $1.00 per 100; $9.00 per 1000. Vinca Minor, 3-in., $3.00 per 100 to close out.

GERANIUMS, from 2½-in. pots, S. A. Nutt, A. Ricard, Jean Viaud, Beaute Poitevine, White Swan and others, $2.00 per 100; $18.00 per 1000.
PANSIES of a superior strain, giant flowering, stocky, $3.00 per 1000. Cash or C. O. D.

C. F. MAHAN, R. D. No. 8, DAYTON, OHIO

Mention The Review when you write.

Early in October a Grower from Up-State Came to Have a Look at ....

POCAHONTAS

He was surprised to see the crop of buds and its general appearance. Said that if it looked as well in January as it did then he would want a good lot of it. Said he has been worrying along with Fenn for want of something better in quality. Many other growers are having the same experience, and all such should come and see **Pocahontas.** Come any time. It is never off crop. $12.00 per 100; $100.00 per 1000. Ready in January, 1907.

A. F. J. Baur BAUR & SMITH F. S. Smith
38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

CARNATIONS ROOTED CUTTINGS FOR JANUARY, 1907 DELIVERY.

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.
BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.
ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.
ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.
WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Ludvig Mosbaek, Onarga, Ill.

ASPARAGUS Plumosus Nanus and Sprengeri, 4-in., $8.00; 3-in., $5.00; 2¼-in., $2.50; 2-in., $2.00 per 100.
FERNS—Boston, Piersoni, Anna Foster and Sword. 2¼-in. and 3-in., $3.00 and $6.00 per 100; 6-in. $4.00, 8-in. $12.00, 10-in. $25.00 per doz.
150,000 CANNAS—In 35 leading varieties, true to name. Send list for special quotations. Descriptive list and price list mailed free, or see Florists' Review of Nov. 1, page 1585.
List of 50,000 hardy perennial Herbaceous plants, field and pot-grown.

Mention The Review when you write.

FICUS ELASTICA

6-in., 40c each. 4-in., 22½c each.
Stock plants, 60c and 75c each.
Asparagus Nanus, 3-in.....5c each
" " 5 and 6-in.....10c each
Boston Ferns, 4-in.....12½c each
" " pans.....$1.00, $1.50, $2.00 each
Cash. No C. O. D.

W. C. SMITH 61st and Market Sts. PHILADELPHIA

Mention The Review when you write.

PRIMROSES

IMPROVED CHINESE. Finest grown, mixed, XXX, strong, 2-inch, $1.50 per 100.
CYCLAMEN GIGANTEUM SEED, 200, $1.00; ⅛ pkt., 50c.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. **Washington, D. C.**

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

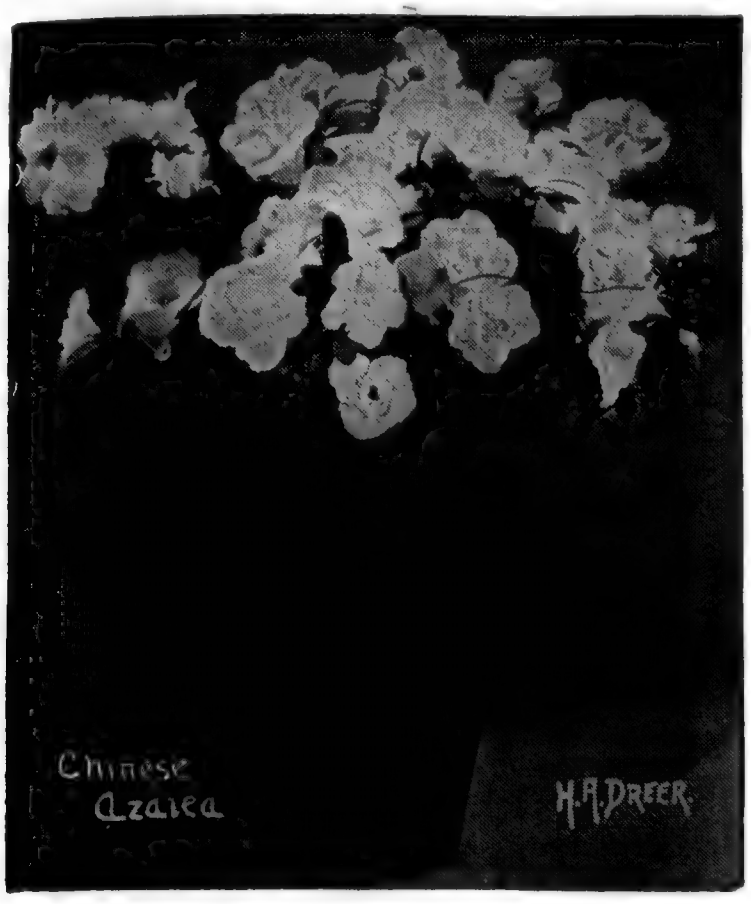
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Special Sale of Whitmani Ferns

the best new one for 1907. Immediate delivery—2½-in., $12.50; 3-in., $25.00; 4-in., $50.00; 5-in., $75.00.
Azaleas, 3 sizes, 60c, 75c and $1.00.
Hydrangeas, 3 sizes, 50c, $1.00 and $1 50.
Azaleas will bloom for Christmas. Send for our new fern list.

GEO. A. KUHL, Pekin, Ill.

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Azaleas For Forcing

We can still furnish a fine lot of well budded plants at import prices for immediate delivery. We offer a full assortment of standard varieties.

	Per doz.	Per 100		Per doz.	Per 100
8 to 10-inch crowns	$3.25	$25.00	12 to 14-inch crowns	$6.00	$45.00
10 to 12-inch crowns	4.50	35.00	14 to 16-inch crowns	7.00	55.00
			16 to 18-inch crowns	12.00	90.00

A fine lot of plants of exceptionally good value in the following varieties, 18 inches in diameter at $18.00 per doz.

Deutsche Perle — **Simon Mardner** — **Niobe**
Empress of India — **Mme. Vander Cruyssen** — **Apollo**
Bernard Andre Alba — **De Schryveriana** — **Emperor of Brazil**

A nice lot of specimen plants, 18 to 20 inches in diameter at $2.00 each:

Mme. Camille Van Langenhove — **Empress of India** — **Simon Mardner**
Niobe — **Bernard Andre Alba** — **Mme. Vander Cruyssen**

A grand lot of specimen plants of **Mme. Vander Cruyssen,** 20 to 22 inches in diameter at $2.50 each.

Place your orders for Azaleas now as we will not carry any in stock after Jan. 1.

HENRY A. DREER
714 Chestnut St., PHILADELPHIA, PA.

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Special Offer For Ten Days Only

Plants O. K. Cheap only in price.

PALMS—Latania and Phoenix Canariensis, from 7-inch pots, 2½ feet tall, 75c; from 6-inch pots, 2 feet tall, 50c each. Kentia Belmoreana, from 4½-inch pots, 35c. Chamaerops Excelsa, from 5-inch pots, bushy, 8 to 10 leaves, 30c.
FERNS—Boston, from 5-inch, 35c each. Adiantum Cuneatum, 2, 3 or 4-inch pots, 3c, 5c and 8c.
ASPARAGUS PLUMOSUS, fine, from 3-inch pots; also **MARANTA,** 5c.
BEGONIAS—Erfordii and Vernon, 5-inch pots, in bloom, 10c.
GERANIUMS—Stock plants, Double Grant, and La Favorite, 8c; from 4-inch pots, good mixture, 5c.
ROSES—On own roots, all pot-grown, better for forcing than lifted ones, hybrids, moss, climbers, teas and hybrid teas, 3, 4, 5 and 6-inch pots, to name, 5c, 7c, 10c and 12c. Unnamed but good mixture, one-fourth less. 10 per cent discount for any cash $10 order. Extras added to help pay freight.

N. STUDER, ANACOSTIA, D. C.

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FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c; 5-in., 12½c., Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $2.00 per 100. Scottii, 3-in., 8c; 4-in., 12½c.

Asparagus Sprengeri, 2 in., $2.00 per 100.
Flowering Begonias, 8 kinds, 2-in., 2½c.
Rex Begonias, 3-in., 8c.
Double Daisies, Longfellow, Delicata, $2.50 per 1000.
Forget-Me-Nots, white, pink, $3.00 per 1000.
Hardy Pinks, field, Essex Witch, Abbotsford, M. Gray, 3½c. **Double Hollyhocks,** field, 1-year, 4 colors, 3c. **Hardy Carnations,** nice, young plants from frames, assorted $2.00 per 100.

Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN

Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

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Always mention the Florists' Review when writing advertisers.

AZALEAS, PALMS, Etc.

Have a fine lot of Azaleas in the following varieties:

Apollo, red.
Hexe (Firefly), red.
Simon Mardner, pink.
Vervaeneana, variegated.
Empress of India, variegated.
Hermione, pink.
Helen Thelemann, pink.
Mme. Vander Cruyssen, crimson.
Niobe, white.
Prof. Wolters, variegated.

10–12-in., $35.00 per 100
12–14-in., 45.00 per 100
14–16-in., 55.00 per 100
16–18-in., 90.00 per 100
18–20-in., 150.00 per 100

Latania Borbonica, strong, 4-in. ..... $15.00 per 100
Kentia Belmoreana, 5-in., strong, bushy ..... 60.00 per 100
Nephrolepis Elegantissima, 2½-in ..... 5.00 per 100

The Storrs & Harrison Co. PAINESVILLE, OHIO.

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10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in., $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4 in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

CASH PLEASE.

BENJ. CONNELL, West Grove, Pa.

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Wanted, 5000 Strong Young Geranium Plants

from 2½-inch pots. ⅓ S. A. Nutt, ⅓ Bruant (red semi-double), ⅓ in mixture of pink and white. Mention lowest price. Address

H. SCHLACHTER. 600-602 E. Ross Ave., St. Bernard, Cincinnati, Ohio.

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ROOTED CUTTINGS

Rex Begonia, assorted, $1.25 per 100 prepaid.
Heliotrope, blue, 75c per 100 prepaid.
Vinca Variegata, 90c per 100 prepaid.
Other cuttings ready soon.
Umbrella Plants, 2-inch, 1½c.
Asparagus Pl. Nanus, 2-in., 2½c. Cash.
Pansy Plants, Giants, all sold for this season. Many thanks, friends. Remember us next year.

Shippensburg Floral Co., Shippensburg, Pa.

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10,000 FERNS

(Very Strong.)

		Per Doz.	Per 100
Piersoni,	5-inch	$3.50	$25.00
"	4-inch		10.00
"	3-inch		5.00
Scottii,	5-inch	4.00	30.00
"	4-inch		15.00
"	3-inch		8.00
Boston,	5-inch	3.50	25.00
"	4-inch		10.00
"	3-inch		5.00
Rubber Plants,	6-inch		35.00
"	" 5-inch		25.00
"	" 4-inch		20.00
1000 Hardy Ivy, 18-in., 3-inch pots			5.00
1000 Asparagus Sprengeri, 2½-in. pots,			3.50

J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

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Always mention the Florists' Review when writing advertisers.

WASHINGTON.

The Market.

There is little change in the condition of business over that of a week ago. We have passed the stage of worship for the queen of autumn; the question now is to dispose of her at a reasonable price. The best quality of blooms is now arriving and inferior stock is going slow. Roses and carnations are showing great improvement in quality, and indications points to a good supply of both for Thanksgiving. A leading retail dealer says we are getting all the New York violets we need. That seems to be the situation all around, and it may be added that they are good enough for anybody and retail readily at $2 per hundred.

Various Notes.

W. F. Gude, Peter Bisset and Otto Bauer acted as judges at the Baltimore show last week.

J. H. Small, Jr., was recently re-elected as a director of the Washington Board of Trade by a flattering vote. Every one of Mr. Small's days is a busy one, as, in addition to the management of an extensive retail trade, his other business and fraternal duties make ever-increasing demands on his time.

President Bisset, of the Florists' Club, says that matters are progressing finely in regard to arrangements for the rose show to be held in this city in March, 1907. President Bisset says he is sure we will have a good show.

Will Arnold, now of the George Reinberg establishment, Chicago, made the trip to this city and Alexandria, Va., to testify in the suit of J. Louis Loose against the Southern railroad. Mr. Arnold was formerly rose-grower at the Loose range. A. F.

HILLSBORO, OHIO.

Three years ago Simon J. Hider started in business in a house 9x10. The second year he began to read the Review and kept on the safe side of the credit column. Today he has one house 11x30, one 20x30 and one 10x20, all up-to-date, full of first-class stock, heated by steam and lighted by electricity. He is practically free from debt, and if everything comes out as he expects by the beginning of 1907 he will be clear. He says he owes his success to the Review and to the firms with whom he has dealt. He expects to build a house in the spring for carnations only.

Goshen, Ind.—The Goshen Floral Co. is building a two story cement block building, 25x44 feet, and making an addition of 100 feet to its present greenhouses.

POEHLMANN BROS. CO.

Stock Mum Plants

WHITE—Kalb, Alice Byron, Robinson, Adelia, White Bonnaffon, Crawford, Timothy Eaton, Chadwick, Merry Christmas, Willowbrook, Wanamaker.
YELLOW—Col. Appleton, Halliday, Yellow Eaton, Major Bonnaffon, Whilldin, Reiman, Merstham Yellow, Sunrise.
PINK—McNiece, Perrin, Enguehard, Maud Dean, Pink Ivory.
RED—Intensity.
75c per doz.; $6.00 per 100. For limited time. This stock will have to be moved to make room. Order as soon as possible.

Poehlmann Bros. Co., MORTON GROVE, ILL.

GET YOUR SUMMER ROSES Started EARLY

Rooted cuttings of Carnot, Kaiserin, La Detroit, all strong wood, well rooted, ready about December 1, price $2.50 per 100 or $20.00 per 1000.

BASSETT & WASHBURN

Office, 76 Wabash Ave., Chicago. Greenhouses, Hinsdale, Ill.

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Help Wanted to Successfully Grow Chrysanthemums

IS THIS YOUR CRY? REMEMBER

SMITH'S REVISED Chrysanthemum Manual

NOW OUT, IS A RELIABLE HELPER.

Written by **ELMER D. SMITH,** the Noted Chrysanthemum specialist. Many of the important chapters have been revised and enlarged, giving more complete details, with additional illustrations. New and Up-to-date. Price within reach of all. Cloth binding, 100 pages, only **40c** postpaid.

NATHAN SMITH & SON, ADRIAN, MICH.

Mention The Review when you write.

IMPERIAL

the variegated seedling carnation. A very early, free and continuous bloomer from October to July. A vigorous grower.

PINK IMPERIAL

Has the good qualities of Imperial. The color is a most pleasing shade of pink. Write for full description. **MY OWN ORIGINATION.**

Prices—Selected cuttings, delivery commencing in December, 1906. $2.50 per doz.; $12.00 per 100; $100.00 per 1000. 50 at 100 rate. 250 at 1000 rate. 5 per cent discount for cash with order.

The John E. Haines, scarlet for 1907, $6.00 per 100; $50.00 per 1000. Place your order at once.

John E. Haines, Bethlehem, Pa.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

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Lilac Bushes

Large blooming, white fine for cutting, plants, from 4-6 feet high, about 150 of them. This lot will sell cheap on account of removal.
Also a few hundred peony roots, large clumps.

Write for prices.

R. FISCHER, Florist, Great Neck, L. I.

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BEGONIA GLOIRE DE LORRAINE

4-inch pots.....$40.00 per 100
3-inch pots..... 25.00 per 100
This is as fine stock as you ever bought. and is especially grown for shipping.

A. JABLONSKY, Wellston, St. Louis Co., Mo.

Mention The Review when you write.

Enchantress

Unquestionably the grandest carnation ever introduced. For the past three years, cut flowers from my stock have wholesaled at an average advance of $1.00 to $3.00 per 100 over regular market quotations for fancy stock, owing to enormous size, perfect form and brilliant coloring. Over 35,000 cuttings of this variety sold last season with absolute satisfaction.

Orders booked now for December and later delivery. I guarantee my customers strong, healthy, thoroughly rooted cuttings; liberal count, careful packing, prompt shipment and the finest stock they ever saw. **$2.00 per 100; $18.00 per 1000.**

Price list of other varieties free.

SUNNYCREST GREENHOUSES

"Where the Carnations Grow." **PHENIX, R. I.**

Mention The Review when you write.

.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

824 No. 24th St., PHILADELPHIA, PA.

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NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms.

Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.

A. & C. PEARSON

Lowdham, Nottingham, England.

CHRYSANTHEMUM NOVELTIES

THIS YEAR I have to offer once more a splendid lot of new varieties. Among them will be found in whites:

MISS CLAY FRICK, the white sport of Wm. Duckham, winner of the Frick prize at Chicago.

Mrs. A. T. Miller, Moneymaker, Kathleen Stoop.

IN PINKS—Miss Mariam Hankey, Mrs. Walter Jenks, etc.

IN YELLOW—Mary Godfrey, Mrs. Geo. Hunt, Norman Davis, Buttercup, etc.

Also J. W. Moreman, Mrs. Henry Barnes, W. J. Crossley and many others.

I offer young stock for delivery early in the new year. 50 new varieties of Singles, the latest craze. Send for my complete list issued Dec. 1.

CHARLES H. TOTTY, Madison, N. J.

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Chrysanthemum

STOCK PLANTS

Clementine Touset, October Chadwick, the best of all the earlies, long stems, fine blooms, easy to grow, a moneymaker. **Jeanne Nonin,** Thanksgiving white, will stand for the holidays. **Golden Age,** a real golden yellow. **Mrs. Buckbee,** grand white. **Yellow Duckham,** one of the best yellows. All strong, stock plants, $1.00 per doz.; $7.00 per 100.

Polly Rose, best early, **Ben Wells, Robinson, Alice Byron, Appleton, Golden Wedding, Silver Wedding, Dr. Enguehard,** 75c per doz.; $5.00 per 100.

Cash please, satisfaction guaranteed.

CRITCHELL'S

Avondale, Cincinnati, Ohio

Mention The Review when you write.

MUMS

STOCK PLANTS

Rosiere, pink	$1 50 per doz.
Amorita, pink	1.00 per doz.
Monrovia	.75 per doz.
Merstham Yellow	1.00 per doz.
Omega	.75 per doz.
C. Touset	1.00 per doz.
Mme. Bergmann	.75 per doz.
Willowbrook	.75 per doz.

ELI CROSS, GRAND RAPIDS, MICH.

Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

Chrysanthemums

LARGE STOCK PLANTS

C. Touset, white	**Eaton, white**	**Dr. Enguehard, pink**	**Eaton, yellow**
Jeanne Nonin, white	**Chadwick, white**	**Balfour, pink**	**Monrovia, yellow**
Ben Wells, white	**Golden Chadwick**	**Chadwick, yellow**	**P. Plumridge, yellow**

Any of the above varieties, $1.00 per dozen.

J.A.BUDLONG

37-39 Randolph Street, CHICAGO.

Long Distance Phone, Central 3120. Automatic 9923.

WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

SPECIAL SALE

MUM STOCK PLANTS

White—Kalb, Ivory, Mrs. Chadwick, Mutual Friend. **Yellow**—Pennsylvania, Col. Appleton, Golden Age. **Pink**—J. K. Shaw, Murdock, Ivory, Vivand-Morel, Liger, Indiana. **Red**—The Bride.

GEO. A. KUHL, Pekin, Ill.

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Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

Mum Stock

Polly Rose, Mme. Bergmann, Opah, Yellow Bonnaffon, White Bonnaffon, J. K. Shaw, Mrs. Robinson, October Sunshine, Pink and White Ivory, $4.00 per 100. Eaton, Willowbrook, Minnie Bailey, Maud Dean, Col. Appleton, $6.00 per 100.

Crabb & Hunter Co., Ltd., Grand Rapids, Mich.

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THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR SPECIALTY Get our figures

83-91 Plymouth Place, CHICAGO

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CINCINNATI.

The Market.

Business last week was good. The season is scarcely up to last year, but the reason is easily explained, for, as one retailer said, last year there were from fifty to seventy-five large entertainments for debutantes, while this year the number has scarcely reached twenty-five. Mums still are being received in large quantities, but the days of the oversupply are numbered and in a few days I expect to see the price raise to what it ought to be. I believe that the late demand will be good this year, and from present prospects the price will be satisfactory. Roses are in oversupply, and with the single exception of American Beauties the price has dropped. Some fine stock of all varieties are to be had, but until the mum is on the wane they will not bring the price they ought to. Carnations are none too plentiful and sell well. Violets are also scarce and in demand. Narcissus is beginning to come and sells fairly well. This market is now well supplied with greens.

Various Notes.

Mrs. Lenora Gillett, mother of E. G. Gillett, died at the residence of the latter in this city Sunday, November 18. The funeral took place Tuesday at Springfield, O. Mrs. Gillett was almost 80 years old and died virtually of old age.

L. H. Kyrk spent several days in Indianapolis, Ind., during the last week.

Mrs. George Murphy is seriously ill with typhoid fever. George Murphy is just able to be about after a siege of the same disease. C. J. Ohmer.

ERIE, PA.

All of the Erie florists say that business was poor last week. There was not much call for roses or carnations. Cheap mums go best, but large, high-priced ones sell slowly.

L. A. Spoden has rented Mrs. Neimeyer's place for five years more and is building a new cottage on the premises.

The Schluraff Floral Co. is talking of moving its greenhouses to the western part of the city.

F. M. Feasler has built two more houses for vegetables.

Zuck Bros. have built two houses for lettuce and early vegetables. W. H.

Milwaukee is to have a new park, located in the Fifth ward. The site was selected at a mass-meeting of residents of the ward and cost $50,000.

Beatrice, Neb.—The Dole Floral Co. is marketing its celery. The crop is fine, and the supply less than the demand.

WISSEL & COX,

BREEDERS AND GROWERS OF

GOLD FISH.

MT. AIRY, - - OHIO.

Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Araucaria Excelsa, 5-in. pot, 50c and 75c each, three to four tiers; 5½-in. to 6-in., $1.00, $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00 to $3.50.

Asparagus Plumosus, 4-in. pots, $1.50 per doz.; 4½-in. pots, $2.00 per doz.; extra large in 4½-in. pots, $3.00 per doz.

Asparagus Sprengeri, $5.00 per 100.

Azaleas in bloom from now on, 75c up.

Bay Tree Pyramids, 50-60 in. high from top of tub, $14.00 per pair; 65-70 in. high from top of tub, $16.00 to $18.00 per pair.

Begonia Gloire de Lorraine, $6.00, $9.00, $12.00 and $18.00 per doz. Also some larger plants.

Cyclamen Persicum, $4.00, $6.00, $9.00 and $12.00 per doz.

Superb Boxwood, just arrived, perfectly shaped.
Bushes for window boxes, 12 to 20 in. high from top of root ball, 75c a pair; 24 in. high, $1.00 a pair.
Pyramids, 3 ft. high, $2.50 and $3.00 a pair; 4 ft. high, $3.00 and $4.00 a pair; 4 ft. 6 in high, $5.00 a pair; 5 ft. high, $7.00 a pair.

Boston Ferns, 5-in. pots, $3.00 per doz.; 6-in. pots, $5.00 per doz.; 6½-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50 and $3.00 each. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair.

Dracæna Fragrans, 6-in. pots, $6.00 per doz.; 7-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.

Dracæna Indivisa, 4-in. pots, $10.00 per 100; 5½-in. pots, $20.00 per 100.

Dracæna Terminalis, 5-in. pots, $4.00 per doz.; 5½-in. pots, $5.00 per doz.; 7-in. pots, $15.00 per doz.

Erica Fragrans, $1.50, $2.00 to $5.00 each.

Erica, regerminans, 75c, $1.00, $1.50 each.

Cash or satisfactory New York references.

Epæris, white, 3-in. pots, $3.00 doz.; 5 and 5½-in. pots, 75c, $1.00, $1.50 each.

For Christmas: Fruited Ardisias, $6.00, $9.00, $12.00, $15.00, $18.00 per doz.

Hydrangea Otaksa, pink, fine field-grown plants, well budded and bushy, $15.00 per 100; selected plants, $20.00 per 100.

Scottii Fern, 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz.

N. Elegantissima, 5½-in. pots, $5.00 per doz.

N. Whitmani, 4½-in. pots, $6.00 per doz.

N. Piersoni, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

English Ivy, 4½-in. pots, $2.00 per doz.; $15.00 per 100, 3 to 4 ft. high.

Jerusalem Cherries, $6.00 per doz.

Kentia Forsteriana, combinations 3 and 4 plants in 8-in. pots, $1.50 to $3.00; 10-in. pots, $6.00 each; 14-in. pots, $15.00 to $20.00 each. Single plants, 50c to $2.00 each.

Kentia Belmoreana and Forsteriana, all sizes, single and combinations, from $1.00 to $20.00 each. Give us a trial.

Livistona Sinensis, superior to Latania Borbonica, 5 and 5½-in. pots, $5.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

Pandanus Veitchii, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $18.00 per doz.; 8-in. pots, $2.00 each.

Primula Obconica, $2.00 per doz.

Roman hyacinths in bloom, $2.50 per flat.

Rubbers, 6-in. pots, $6.00 per doz.; 6½-in., branched, $9.00 per doz.; 6½-in. pots, single stem, $8.00 per doz.; 7-in. pots, branched, $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

Cash or satisfactory New York references.

Anton Schulthies

19th St. and 4th Ave., College Point, N. Y.

Mention The Review when you write.

ASPIDISTRAS

Var., 6 to 7-in. pots, 8 to 15 leaves, 10c; good leaf. Green, 6 to 7-in. pots, 8 to 15 leaves, good, 5c per leaf.

VINCA VARIEGATA

Field-grown, $4.00 and $5.00 per 100.

Cash or satisfactory references.

THEO. E. EDWARDS

478 Irving Ave., Bridgeton, N. J.

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A Great Bargain

in **Boston Ferns** to clean them out at the following low prices, extra fine plants, out of 6-in., $40.00 per 100; 5-in., $20.00 per 100; 4-in., $12.00 per 100; 3-in., $7.00 per 100. **Rubber plants,** 5-in., $2.50 per doz. **Violets,** Princess of Wales, $4.00 per 100. CASH PLEASE.

CONVERSE GREENHOUSES, WEBSTER, MASS.

Mention The Review when you write.

VINCA VARIEGATA, 2½-in. pots, $2.50 100; $20 1000

Pansy Plants, strong and stocky. Flowers immense size, all colors, rich and rare, from a strain second to none, $4.00 per 1000.

Geraniums, 2-in., standard, all colors, $2.00 per 100; $18 00 per 1000.

Dahlia Clumps, named, $5.00 per 100.

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

ASPARAGUS

Plumosus, 2½-inch	$3.00 per 100
Sprengeri, 2½-inch	2.50 per 100
Umbrella Plants, 3-inch	4.00 per 100
Vinca Trailing	
White, var., 2-inch	2.00 per 100
Green, var., 2½-inch	2,00 per 100
Barrowsii Ferns, 2½-inch	6.00 per 100

GEO. L. MILLER CO., Newark, O.

Mention The Review when you write.

GERANIUMS

Rooted cuttings in any quantity after Nov. 15, at moderate prices. Send for price list.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS

Rutherford, N. J.

Mention The Review when you write.

FERNS=FERNS=FERNS

BOSTON, PIERSONI, ELEGANTISSIMA, SCOTTII, WHITMANI and HOLLY FERNS.

	Per doz.	100	1000
Boston Ferns, 2½-inch		$3.00	$25.00
" " 3-inch		5.00	
" " 4-inch	$1.50	10.00	
" " 5-inch	2.25	15.00	
Piersoni, strong runners, 2½-inch		3.00	25.00
" " " 4-inch	1.50	10.00	
" " " 5-inch	2.25	15.00	
Scottii, " " 2½-inch		3.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-inch		7.00	

	Per doz.	100	1000
Elegantissima, 4-inch	$1.50	$10.00	
" 5-inch	2.25	15.00	
Whitmani, 3-inch		20 00	
Holly Ferns, 2½-inch		3.00	
Carex Japonica, 2½-inch		2.50	
Begonias, assorted, 2½-inch		2.50	
Crotons, 4 sorts, 3-inch		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock		3.00	$25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants		2.50	

All 4 and 5-inch Ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction.

Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield, Ohio

Mention The Review when you write.

WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.
Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.
Phoenix Canariensis, 2-in., $1.00 per doz.
Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.
Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100; $25.00 per 1000.
Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.
Boston Ferns, 5-in. $3.00 per doz.
" " 6-in. 6.00 per doz.
" " 7-in. 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.
Pteris Wimsetti, 3-inch, 75c per doz.
Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Araucaria Excelsa	6	3 to 5	$1.00	$12.00	
Asparagus Plumosus Nanus	4			1.25	
Asparagus Plumosus	2				$3.00
" "	3				6.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				6.00
" "	4			1.25	
" "	5			2.00	

Aucuba Japonica, 3½-ft., fine plants, $1.50 each.
Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.
Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.
Box Trees, 1-foot high, $4.20 per doz.
Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz., 7-inch, $1.00 each.
Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz: 2-inch, $1.25 per doz.
Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.
Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

Mention The Review when you write.

New Single Geranium SYCAMORE

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Vigorous grower, of dwarf habit and a continuous bloomer. Trusses measure from 6 to 8 inches in diameter. Unexcelled as a bedder. Has been grown by us and thoroughly tested for the past 4 years. Write for descriptive circular. Orders booked now for 2½-in. pots at $2.00 per doz.; $15.00 per 100. November to March delivery.

ST. CLAIR FLORAL CO., A. S. HALSTEAD, Pres. **Belleville, Ill.**

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Asparagus

Asparagus Plumosus, 2-inch, $2.00 per 100; 4-inch, $10.00; 6-inch, $25.00.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00; 5-inch, $15 00.
Piersoni Ferns, 5-inch 30c; 6-inch, 40c.
Ficus, 5-inch, 35c each; 6-inch, 40c.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Alice Byron, Pearson, Halliday, Robinson, Appleton, Et. Bonnefond, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

CYCLAMEN PERS. GIGANTEUM

Extra Fine Plants, in bud and bloom, large-flowering, 3-inch, ready to shift, $5.00 per 100; 4-in., $10.00; 5-in., $15.00. **Primulas,** Chinese and Obconica 2¼-in., $2.00 per 100; 3-in., $3.00; 4-in., in bud and bloom, $6.00.
Asparagus Plumosus Nanus, 3½-in., $8.00 per 100.
Cinerarias, 2¼-inch., $2.00 per 100; 300 for $5.00. 3-in., $3.00 per 100.

Samuel Whitton, 15-16 Gray Ave., Utica, N. Y.

Mention The Review when you write.

Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

Mention The Review when you write.

VIOLETS! VIOLETS!

Choice flowers for Thanksgiving, 25c per 100. Special rates on 1000 lots. Standing orders solicited.

MRS. P. E. NELSON, P. O. Box 226, **Alvin, Tex.**

Mention The Review when you write.

FERNS FROM BENCH

BOSTON—Ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Carnations

1500 Norway, extra large, healthy plants, $3.50 per 100; $30.00 per 1000.

Asparagus.....

Heavy 2½-in. plants, ready for a shift.

Sprengeri, extra fine $3.00 per 100; $25.00 per 1000
Jerusalem Cherries, 3½-in., $4.00 per 100. Now in bloom. These plants are ready for 5-in.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

BLOOMING PLANTS

	For Thanksgiving.	Per 100
Cyclamen,	in full bud and bloom, 4-in.	$10.00
"	in full bud and bloom, 5-in.	15.00
Chinese Primroses,	in full bud and bloom, 4-in. per doz.	1.00
Primula Obconica,	in full bud and bloom, 4-in. per doz.	1.00
Christmas Peppers,	full of berries, 4-in.	6.00
Araucarias,	3 tiers each	.40
"	4 tiers each	.50
Rubbers,	18 inches high 25c each,	20.00
Asparagus Sprengeri,	4-in.	5.00
Cinerarias,	2¼-in.	2.00
"	3-in.	3.00

C. WHITTON, CITY STREET, UTICA, N. Y.

Mention The Review when you write.

PRIMROSES

Obconica Alba and Rosea, $1.50 per 100; $12.00 per 1000.

ASPARAGUS

Plumosus Nanus, 2¼-in. pots, $18.00 per 1000 $2.00 per 100
Pansy Plants, large-flowering, $3.00 per 1000; 50c per 100. CASH.

JOS. H. CUNNINGHAM, Delaware, Ohio

Mention The Review when you write.

TWIN CITIES.

The Market.

The market last week was deluged with chrysanthemums, and the demand was not any too brisk. As they are coming in in such large numbers, prices are not as good as what we expected to get. Roses are off crop with some of the leading growers, although the demand has not been very heavy. Trade seems to run almost entirely to chrysanthemums. Carnations are much better. Enchantress is the best variety on the market, although only being cut in small numbers. Violets are scarce; some of the growers who had excellent success with them last year are cutting but few. In consequence, eastern violets are being used more extensively than heretofore. Chrysanthemum plants do not seem to sell.

Minneapolis.

Saturday maroon and yellow chrysanthemums sold well on account of the football game between Minnesota and Carlisle, maroon and gold being the Minnesota colors.

Julius Rieck has his store in readiness to open some day this week. As he is situated on Washington avenue North and is some distance from any other dealer he will no doubt be favored with a fair amount of trade.

Carlson & Sandberg are cutting some fine Brides and Maids.

St. Paul.

H. Krinke & Sons are somewhat disappointed with their carnations. They, however, have been cutting some fine pink mums, which have sold well.

The Hill wedding took place November 21, the decorations being divided between two of our florists. FELIX.

MARLBOROUGH, N. Y.

Velie Bros. have their plant in fine shape. They have two houses of violets containing 8,000 plants. They have also three houses of carnations containing 12,000 plants of such varieties as Enchantress, Nelson Fisher, Mrs. Lawson, Robert Craig, Cardinal, Red Sport, Octoroon, White Perfection, Lady Bountiful, M. A. Patten and Queen. All are free of disease and are loaded with buds for the holidays.

EVANSVILLE, IND.—Thomas C. Ruston, who is one of the county commissioners, enjoys the esteem and confidence of the public to a marked degree. His public duties receive the same careful attention that has made his private enterprises so successful.

POINSETTIAS

To close, 2½-in., $4.00 per 100.

Hydrangeas, 2½-in. ..... $3.00 per 100
" 4-in., pot-grown, $8.00 to 10.00 per 100
" 5-in., pot-grown ..... 20 00 per 100
Variegated Vincas, 2-in. ..... 2.50 per 100
Begonia Sandersoni, 2½-in. .. 3.00 per 100

Mum Stock Plants

C. Touset, Early White ..... $1.00 per doz.
The following at $1.00 per doz.; $6.00 per 100:
Pink, Glory Pacific, A. J. Balfour, Wm. Duckham, Viviand-Morel, Maud Dean. **White,** Alice Byron, Polly Rose, Ivory, White Jones. **Yellow,** Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.

CASH WITH ORDER.

S. N. PENTECOST
1790-1810 101st St., N. E., CLEVELAND, O.

Mention The Review when you write.

Prepare for Thanksgiving and the Holidays

WATCH! PROSPERITY! LOOK!

Election is now over, the country settled to its normal condition. Great Prosperity is in sight for us all; why not for you? A little fortune lays in front of your door; grab it now when you have a chance. Look at others; see how successful they are. Why? Because they are wide-awake, they watch every opportunity and take advantage of bargains. A big demand is in sight now and for the holidays for the much-admired Decorative Plants.

Araucaria Excelsa, Araucaria Excelsa Glauca and **Araucaria Compacta Robusta.** Where have you thought of buying them? Surely from a man who makes a specialty of importing araucarias and who can offer you Bargains. Godfrey Aschmann is the man. He has had the reputation for the last ten years of being the great IMPORTER and DEALER in araucarias of America. Prices are slaughtered one half. Never have been offered so low in the history of araucaria cultivation. Why is that? Simply for the reason to obtain room for the cultivation of our great Easter stock. About 5,000 araucarias, together with an immense stock of ferns, palms, rubbers, Gloire de Lorraine begonias, azaleas and thousands of other plants which must be sold by Christmas.

TAKE NOTICE!

Araucaria Excelsa, Glauca, Compacta, Robusta, only spring importations are offered raised in pots all summer and can be shipped safely.

Araucaria Excelsa, 5½-in. pots, about 15 to 18 inches high, 4 to 5 tiers, 3 years old, 60c; 5½-in. to 6-in. pots, 18 to 23 inches high, 5 to 6 tiers, 4 years old, 75c; 6-in. pots, 23 to 25 inches high, 5 to 7 tiers, 4 years old, $1.00; 6 to 7-in. pots, 25 to 30 inches high, 5 to 7 tiers, 4 years old, $1.25; 7-in. pots, specimen plants, $1.50, $1.75, $2.00.

Araucaria Compacta Robusta—Have several thousand of them; can supply all wants. These plants were never so fine in shape and condition as this year. The pet of the greenhouse. 6-in. pots, 3 tiers, 20 to 25 inches across, 12 to 18 inches high, 3 years old, $1.00 to $1.25; 6 to 7-in. pots, 4 to 5 tiers, 18 to 25 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, specimens, 6 to 7 tiers, 25 to 30 inches high, 5 years old, $2.00 to $2.50.

Araucaria Excelsa Glauca—This variety on account of its beautiful green-bluish tiers, dwarf habit, fine compact shape, gives it a striking appearance, and anybody seeing them, must undoubtedly fall in love with them at sight. 6-in. pots, 3 tiers, 20 to 30 inches across, 14 to 20 inches high, 3 years old, $1 00 to $1.25; 6 to 7 in. pots, 4 to 5 tiers, 20 to 30 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, 5 tiers, 30 to 35 inches high, 5 years old, specimen plants, $2.00 to $2 50. These plants are as broad as long and the finest you ever saw.

Cocos Weddelliana, 15c.

Areca Lutescens, 5-in. pots, 24 in. high, made-up with 3 plants, 35c; 4-in. pots, 20 to 24 in. high, made-up with 3 plants, 25c each.



OUR LITTLE PETS

From Aschmann, in Philadelphia, we bought
An araucaria, a pet for our little girl.
Now we have two pets, the pride of our thought:
The little girl so sweet, a head full of curls,
And the araucaria with its everlasting green—
A more joyful home you never have seen.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2 50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each; 4-in. pots, made-up plants, 3 plants in a pot, 18 to 25 inches high, 25c, 30c, 35c.

Ficus Elastica or Rubber Plants, 6-in. pots, 25 to 30 inches high, 40c to 50c.

Areca Sapida, just imported from Belgium, something new, very attractive, looks like a Kentia, 25 in. high, 50c each.

Asparagus Plumosus Nanus, 4-in. pots, large bushy, 10c to 12c.

FERNS, all raised in pots and not on benches as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1 00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Ferns for dishes, 3-in., 6c; 2½-in., 5c.

Nephrolepis Elegantissima, 5-in. pots, 30c.

Jerusalem Cherries (or Solanum), 6 to 7-in. pots, very bushy, full of berries, from $3.00 to $6.00 per dozen.

Dracaena Bruanti (imported), 30 in. high. 6-inch pots, 50c; $5.00 per dozen.

Cyclamen, will bloom for Christmas, 5-in. pots, 20c; 4-in. pots, 12c.

Chinese Primroses, 4-in. pots, ready to shift into 5-in., will bloom for Christmas, $8.00 per 100; 5¼-in., $2.00 per doz.

Begonia Gloire de Lorraine, 6-in. pots 50c; blooms in December, 3-in., 20c.

Begonia Flambeau, sells on sight, 4-in., ready for a shift into 6-in., 20c.

Begonia Erfordii, new improved, blooms all winter through, 4-in., 15c.

Azalea Indica, just arrived, selected by myself on my recent trip to Belguim. Have all the leading varieties, such as Deutsche Perle, Simon Mardner, and Vervæneana. These three sorts are good for Christmas-forcing. Later varieties: Empress of India, Oroff, Wolters, Niobe, Bernard Andre Alba, Mme. Van der Cruyssen, and many others. Price as follows: 35c, 40c, 50c, 60c, 75c, $1.00, $1.25 to $1.50 each.

Hydrangea Otaksa, only pot-grown is offered, sure success for Easter-forcing, 6-in. pots 25c; 7 to 8-in., 50c.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not.

GODFREY ASCHMANN

mporter and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

SPRAGUE, SMITH CO.

Jobbers and Manufacturers of

WINDOW GLASS

Greenhouse Glass

A SPECIALTY

167-169 Randolph St., Chicago, Ill.

Mention The Review when you write.



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DEPENDABLE PAINT
DEPENDABLE PUTTY
DEPENDABLE GLASS

At the lowest prices consistent with quality.
GREENHOUSE GLASS A SPECIALTY.

JOHN LUCAS & CO.

322-330 Race St., PHILADELPHIA
Branch Offices in Chicago and New York

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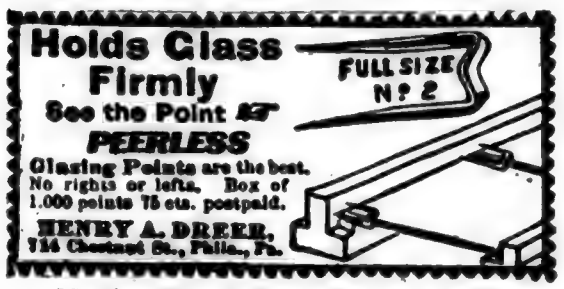


SIEBERT'S ZINC
Never Rust
Glazing Points

ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ⅞. 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade

SIEBERT COMPANY, Sta. B., **Pittsburg, Pa.**

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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000...$6.25. Sample free.

For sale by dealers.

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BLACK CAT HOSE

Have you tried it? 8 ply, fully guaranteed, ¾-inch, 16c per foot.

U. Cutler Ryerson, 108 Third Ave., Newark, N. J.

Mention The Review when you write.

THE FLORISTS' HAIL ASS'N
HAS PAID $101,000.00

for glass broken by hail in the past twenty years. For particulars address

JOHN G. ESLER, Sec'y, Saddle River, N. J.

ORCHIDS

We respectfully solicit your orders for the following freshly imported Orchids, all in excellent condition and will give you satisfaction: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis and P. Schilleriana, and many more.

We also recommend our **FINE STOCK OF ESTABLISHED ORCHIDS,** many of which are now in sheath and spike.

Also Orchid Peat, Live Sphagnum, Orchid Baskets, etc.

Lager & Hurrell, Summit, N. J.

Mention The Review when you write.

Geraniums

FROM 2-INCH POTS, READY FOR IMMEDIATE DELIVERY.

ALLIANCE, Lemoine 1905. Hybrid, (Ivy and Zonal) semi-double, lilac white, upper petals feathered and blotched crimson maroon, 25c each; $2.00 per doz.

FLEUVE BLANC, the semi-double Bruant, that promises to become the standard white, flowers and foliage equal to Alph. Ricard, $1.50 per doz.; $10.00 per 100.

CACTUS GERANIUMS, four varieties, petals curled and twisted similar to the Cactus Dahlia, $2.00 per doz.; $15.00 per 100.

DOUBLE DRYDEN, $1.00 per doz.; $5.00 per 100.

S. A. Nutt, Le Pilote, Beaute Poitevine, Mme. Barney, Centaure, Miss Kendell, Mme. Jaulin, Jean Viaud, Mme. Charotte, 40c per doz.; $2.00 per 100; $18.00 per 1000.

Ville de Poitiers, Marquise de Castellane, Berthe de Presilly, M. Jolly de Bammeville, Thos. Meehan, 50c per doz.; $3.00 per 100; $25.00 per 1000.

Send for Geranium Catalogue. Let us figure on your future supply.

ALTERNANTHERAS, red and yellow, $2.00 per 100; $15.00 per 1000.

HARDY ENGLISH IVY, $2.00 per 100; $15.00 per 1000.

SMILAX, $2.00 per 100; $15.00 per 1000.

RUBBERS, good stock from 4-in. pots, $2.00 per doz.; $15.00 per 100.

COLEUS, LEMON VERBENAS, 40c per doz.; $2.00 per 100.

AGERATUM, Inimitable, giant blue, 75c per doz.; $4.00 per 100.

VEGETABLE PLANTS

CABBAGE, Early Jersey and Charleston Wakefield, Succession and Early Summer, $1.25 per 1000; $8.50 per 10,000.

LETTUCE, Grand Rapids, Big Boston and Boston Market, $1.00 per 1000; $8.50 per 10,000.

PARSLEY, moss curled, $1.25 per 1000.

A cordial invitation is extended to all interested in Horticulture to visit us, Cowenton Station, Philadelphia division, B. & O. R.R., 12 miles north of Baltimore.

R. VINCENT, Jr., & SON, White Marsh, Md.

Mention The Review when you write.

CYCLAMEN

From Seed Bed

75,000 Cyclamen Giganteum Persicum seedlings left, in 5 separate colors which we offer at the low price of $1.00 per 100; $8.00 per 1000; $75.00 per 10,000. STOP; don't think because we offer our seedlings cheap they are cheap quality, for the seed of this strain in small quantities sells at $5.00 per 1000 seeds.

Order at once from

D. U. Augspurger & Sons

Box 778, PEORIA, ILL.

Mention The Review when you write.

Geraniums

Rooted Cuttings—S. A. Nutt, Doyle, Double Grant, Buchner, Gervais, $10.00 per 1000.

CASH WITH ORDER

PETER BROWN, Lancaster, Pa.

Orchids

28 HOUSES.

Imported, Semi-established, ESTABLISHED and FINE HYBRIDS Stove and Greenhouse Plants.

Inspection invited. Correspondence solicited.

JULIUS ROEHRS CO., Rutherford, N. J.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

Orchids From Philippines

Phalaenopsis Schilleriana, we are ready to give quotations upon plants with 1 to 3 leaves, per 100 plants, or upon sound plants without leaves, per 100 plants, for immediate delivery, F. O. B. Hamburg.

A. HELD, 11-19 William St., NEW YORK

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 70

ADIANTUMS.

Adiantum pedatum, strong, 5-in. pots, $10.00 100. Cash. Express paid.
A. Mitting, 17 Kennan St., Santa Cruz, Cal.

Adiantum Croweanum, 2¼-in., $8.00; 3-in., $12.50 100. Baur Floral Co., Erie, Pa.

Adiantum cuneatum, 2, 3 and 4-in., 3c, 5c and 8c. N. Studer, Anacostia, D. C.

Adiantum Farleyense, large plants, $18.00 doz. Cash. J. A. Peterson, Westwood, Cincinnati, O.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

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Chrysanthemum stock plants. Clementine Touset, Jeanne Nonin, $1.00 doz.; $8.00 100. V.-Morel, Robinson, Monrovia, M. Bonnaffon, 5c each. Cash, please.
Henry Krinke, 43 Jessamine St., St. Paul, Minn.

Chrysanthemum stock plants. R. Halliday, A. Byron, F. Pullman, Mrs. Weeks, Cheltoni, T. Eaton, Yellow Eaton, 75c per doz. C. Touset, $1.00 per doz. Robt. E. Rudolph, Paducah, Ky.

Chrysanthemum stock plants. Estelle, Sunshine, Ivory, Bonnaffon, $3.00 per 100. Chadwick, Halliday, White Bonnaffon, $4.00 per 100.
H. C. Blewitt, Des Plaines, Ill.

Chrysanthemums, all the leading sorts, 4c. Can ship by Adams, Southern, American, National, U. S. and W. F. & Co. express.
The Templin Co., Calla, O.

Chrysanthemum stock plants, bushy. 2000 Marie Liger, Glory of Pacific, Ivory, Alice Byron, 75c per doz.; $5.00 per 100. Cash.
H. Th. Hein, R. 2, Allegheny, Pa.

10,000 fine White Ivory chrysanthemum clump plants for sale, $4.00 per 100; $35.00 per 1000. Cash with order. G. W. Renard, Avondale, Pa.

Chrysanthemum stock plants. List of standard varieties and prices are given in display adv. Eli Cross, Grand Rapids, Mich.

CHRYSANTHEMUMS—Continued.

Chrysanthemum stock plants, strong, best varieties. Prices are given in display adv.
Critchell's, Avondale, Cincinnati, O.

Chrysanthemum stock plants. Leading varieties and prices are given in display adv.
S. N. Pentecost, 101st St., Cleveland, O.

Chrysanthemum stock plants, $4.00 and $6.00 100. See display adv. for varieties.
Crabb & Hunter Co., Grand Rapids, Mich.

Chrysanthemum stock plants, $5.00 100. Cash. Varieties are given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants, white, yellow, pink, red, 75c doz.; $6.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum stock plants, best varieties. See adv. on front cover.
E. G. Hill Co., Richmond, Ind.

Chrysanthemum stock plants, Polly Rose, $2.50 100.
C. L. Marshall, 707 Stevens St., Lowell, Mass.

Chrysanthemum stock plants, large, $1.00 doz.
J. A. Budlong, 37 Randolph St., Chicago.

Chrysanthemum stock plants, Estelle, 5c.
F. W. Heckenkamp, Jr., Quincy, Ill.

CINERARIAS.

Cinerarias, prize strain, 2½-in., $2.00 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Giant cinerarias, Benary's, 2¼-in., $2.50 100. Cash. Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias, 2¼-in., $2.00 100; 3-in., $3.00.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Cinerarias, Columbian mixture, strong, 2-in., 2c. Stover Floral Co., Grandville, Mich.

Cinerarias, 2¼-in., $2.00; 3-in., $3.00 100.
C. Whitton, City St., Utica, N. Y.

Cinerarias, 2-in., $2.00 per 100.
J. W. Miller, Carlisle, Pa.

CLEMATIS.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

Coleus, rooted cuttings, 60c 100; $5.00 1000.
C. L. Marshall, 707 Stevens St., Lowell, Mass.

Coleus, 40c doz., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

CROTONS.

Crotons, 3-in., $5.00 100.
Springfield Floral Co., Springfield, O.

CYCAS.

Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

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Cyclamen giganteum, separate colors, well grown, 3½-in., $10.00; 4-in., $15.00 per 100. Cash, please. Hugo Book, Worcester, Mass.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen pers. gig., 3-in., $5.00; 4-in., $10.00; 5-in., $15.00 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen, 4-in., $10.00; 5-in., $15.00 100.
C. Whitton, City St., Utica, N. Y.

Cyclamen, 4-in., 12c; 5-in., 20c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Cyclamen, 3-in., $7.50; 4-in., $20.00.
Geo. A. Kuhl, Pekin, Ill.

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Dahlias. 200 clumps Admiral Dewey, $3.50 per 100. 100 Snowclad, 4c ea. 91 clumps Constancy, 3c ea. 60 Orange King, 5c ea. Eighty-five other varieties, some very rare, from 5c to 25c clump. Large, undivided field clumps, fall delivery.
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Dahlias. Snowclad and mixed, field roots, strong, $4.00 100. S. J. Galloway, Eaton, Ohio.

Dahlias, 60 named varieties, many rare; strong, field-grown clumps. Send for list.
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Dahlia roots in any quantity.
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Dahlia roots, all fine colors.
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Dahlia clumps, $5.00 100.
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Daisies, fine stock. Cash prices.
Etoile d'Or, R. C., per 100.....$1.50
Etoile d' Or, 2½-in., per 100..... 2.50
Queen Alexandra, 2-in., per 100..... 2.50
Queen Alexandra, 2½-in., per 100..... 3.00
Theo. F. Beckert,
9 miles west of Pittsburg, Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Double daisies, 40c per 100, $2.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Shasta daisies, field-grown divisions, $2.50 100.
Leedham Bulb Co., Santa Cruz, Cal.

Dbl. daisies, $2.50 1000. Cash.
Byer Bros., Chambersburg, Pa.

Paris daisies, 3-in., $4.00 100.
C. Eisele, 11th & Roy, Philadelphia.

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Dracaena indivisa, strong, field-grown for 6-in., $25.00 100; for 5-in., $15.00 100; 1 ft. to 15 in., $10.00. Chas. D. Thayer, Worcester, Mass.

Dracaena fragrans and indivisa. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

300 Dracaena indivisa, 4-in., $10.00 per 100.
Idle Hour Nurseries, Macon, Ga.

Dracaena indivisa, from 3-in. pots, $5.00 per 100. J. A. Rosengren, Crestline, Ohio.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

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Farfugium grande, strong tubers from open ground, $3.50 and $5.00 per 100.
Theodosia B. Shepherd Co., Ventura, Cal.

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FERNS OUR SPECIALTY.
CIBOTIUM SCHIEDEI.
We have a grand stock of this magnificent tree fern in all sizes, 3-in. pots, $25.00; 4-in. pots, $45.00; 5-in. pots, $70.00 per 100 plants; 7-in. pots, $1.70 each; 8-in. pots, $2.50 each.
Assorted ferns from 2¼-in. pots, all the best market varieties, $3.00 per 100, $25.00 per 1000 plants; 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2-in. pots, $3.50; 4-in. pots, $12.00 per 100. A. rhodophyllum, 4-in. pots, $25.00 per 100. A. Lathomi, 4-in. pots, $20.00 per 100. A. reginum, 4-in. pots, $35.00 per 100.
Fern spores gathered from our own stock plants, 35c per trade pkt.; $4.00 per doz. packets.
ANDERSON & CHRISTENSEN, Short Hills, N. J.

Barrowsii ferns, bench-grown, ready for 3-in., 5c; 4-in., 15c; 6-in., 40c.
Boston, bench-grown, 2½-in., 2½c; 3-in., 5c; 4-in., 10c; 5-in., 15c; 6-in., 25c; 8-in., 40c. Pots, 6-in., ready for 9-in., 50c; 10-in., 75c.
A. J. Baldwin, Newark, Ohio.

Nephrolepis Piersoni Elegantissima, 2½-in., $10.00; 3-in., $15.00; 4-in., $35.00; 5-in., $60.00 per 100. I have a large stock and it is extra fine. Boston and Piersoni all sold.
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Boston, Piersoni, Elegantissima ferns. For florists with select retail trade, I offer a few hundred elegant plants in 4 to 8-in. pots. Write for prices. A. Hauge, Florist, Birmingham, Ala.

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At your own price in all sizes. We meet all legitimate quotations in this column. Catalogue No. 3. POLLWORTH CO., Milwaukee, Wis.

Boston ferns, from 4-in. to 6-in. pots, 10c to 35c. Cohanzie Carnation Greenhouses, New London, Conn.

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Ferns in all varieties and sizes. See display adv. for prices.
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Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Boston and Scottii ferns, 50c to $1.50 each. Cash. J. A. Peterson, Westwood, Cincinnati, O.

Barrowsii ferns, 2½-in., $6.00 100.
Geo. L. Miller Co., Newark, Ohio.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

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Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

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Boston, Piersoni, Elegantissima, Scottii, Whitmani and holly ferns. Sizes and prices of varieties are given in display adv.
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Ferns for ferneries, all the best varieties, extra fine stuff, 3c. Western florists: Buy here and save express charges.
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Assorted ferns for dishes, 2¼-in. pots, strong, healthy plants, $3.00 per 100; $25.00 per 1000.
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100 Scottii ferns, fine plants from 7-in. pots, $9.00 per doz. Impatiens Holstii, 3-in., 5c.
O. F. Searles, L. Box 288, Nashua, N. H.

Fine Boston ferns from bench, $5.00 and $10.00 per 100. Satisfaction or money back.
U. G. Harglerode, Shippensburg, Pa.

Boston ferns, 6-in., $40.00; 5-in., $20.00; 4-in., $12.00; 3-in., $7.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Ferns. 10,000 Piersoni, Scottii and Bostons. All sizes. See display for prices.
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We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
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Boston and Piersoni ferns. See display adv. for sizes and prices.
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Boston ferns, 4-in., 12½c; in pans, $1.00, $1.50, $2.00 ea. Cash.
W. C. Smith, 61st & Market St., Phila.

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Byer Bros., Chambersburg, Pa.

Ferns all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Ferns for dishes, best varieties. See display adv.
H H. Berger & Co., 47 Barclay St., N. Y. City.

Boston ferns, from bench, and large pot plants. Asher M. Coe, North Olmsted, O.

Piersoni ferns, 5-in., 30c; 6-in., 40c. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Nephrolepis Elegantissima, 2½-in., $5.00 100.
Storrs & Harrison Co., Painesville, Pa.

Nephrolepis Whitmani, 2¼-in., $25.00 100.
H. H. Barrows & Son, Whitman, Mass.

Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Scottii ferns, 5-in., $25.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Ferns. Write for our new list.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, 5-in., 35c.
N. Studer, Anacostia, D. C.

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Ever-blooming forget-me-nots, strong, well rooted cuttings, 75c per 100; $5.00 per 1000. Cash. H. Stabenow, Reading, Pa.

Hardy blue forget-me-nots, $2.50 per 1000.
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Forget-me-nots, $3.00 1000. Cash.
Byer Bros., Chambersburg, Pa.

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Fuchsia Little Beauty, strong 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Double fuchsias. R. C., 60c 100; $5.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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10,000 Funkia lancifolia undulata, variegated, $6.00 100.
G. J. Keller, 725 Mt. Hope, Rochester, N. Y.

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Gardenia Florida, strong, stocky plants, 4 to 6 in., $2.00 100, $8.00 1000; 6 to 10 in., $3.00 100, $25.00 1000. Field-grown, 15 to 20 in., $10.00 100. John Monkhouse, Shreveport, La.

GENISTAS.

Genistas, fine, healthy, pot-grown plants, 3-in., 8c; 4-in., 10c; 5-in., 15c. Cash, please.
Riverview Greenhouses, Lewisburg, Pa.

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Double geraniums, $2.50 100; $20.00 1000.

La Favorite	California
Bruant	Firebrand
S. A. Nutt	Rosebud
Heteranthe	J. Doyle
Queen of Fairies	B. Poitevine
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Frau Louise Voith (deep pink), P. A. Stewart (salmon), Madonna (light pink), $2.50 per 100. These three are the freest blooming single geraniums that grow.

Happy Thought	Mt. of Snow
Bronze Bedder	Bronze and Silverleaf

$2.75 per 100.
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Geranium cuttings. Mrs. Richard F. Gloede, the new rose-pink, semi-double, strong grower; Kenilworth, the new single scarlet, best single on the market; also following standard varieties, S. A. Nutt, J. J. Harrison, Beaute Poitevine, La Favorite, Jean Viaud. Orders booked for January delivery.
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Geraniums, the following "Six Kings": S. A. Nutt (deep scarlet), A. H. Trego (scarlet), Peter Henderson (bright scarlet), Beaute Poitevine (salmon), Jean Viaud (pink), Mme. Buchner (white), all semi-double, strong top cuttings, well rooted, $1.50 per 100; $15.00 per 1000. Cash. The W. T. Buckley Co., Springfield, Ill.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100. November to March delivery. Write for descriptive circular. St. Clair Floral Co., Belleville, Ill.

Geraniums, well rooted cuttings of Nutt, Doyle, Buchner, Castellane, Perkins, Montmort, $1.25 per 100; $10.00 per 1000. Ricard, Poitevine, Trego, $1.50 per 100; $12.50 per 1000. Cash with order.
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Geraniums from 2-in. pots, ready for immediate delivery. Varieties and prices are given in display adv. We shall be pleased to send you our geranium catalogue and to figure on your wants.
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Geraniums, standard varieties, from 2½-in. pots, fine plants, $2.00 per 100. Stock plants, 4-in., $5.00 per 100. Need the room at once.
Hudson Greenhouses, Hudson, Mich.

Geraniums, rooted cuttings, best varieties, mixed, $1.00 per 100. Named varieties, $1.50 per 100. Cash with order.
The Newburys, Mitchell, So. Dak.

Geranium Ora D. Hill, rooted cuttings, $4.00 per 100; $30.00 per 1000. Ready now.
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S. S. Skidelsky, 824 N. 24th St., Phila.

Geraniums. Fine, stocky stock plants, 4-in. pots, well furnished with cuttings, $5.00 per 100.
E. Fryer, Johnstown, Pa.

Geranium stock plants, assorted, 3½-in., $6.00; 2½-in., $3.00 100.
M. Z. Kellogg, Decatur, Ill.

Geraniums, best varieties, 2½-in., $15.00 per 1000. Send for list.
J. C. Schmidt Co., Bristol, Pa.

Geranium cuttings, leading varieties, $2.00 100; $15.00 1000.
C. L. Marshall, 707 Stevens St., Lowell, Mass.

Unrooted geranium cuttings, S. A. Nutt, $1.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Rooted geranium cuttings. S. A. Nutt, Doyle, Dble. Grant, Buchner, Gervais, $10.00 100. Cash. Peter Brown, Lancaster, Pa.

Geraniums, named var., 2½-in., $2.00 100; $18.00 1000. C. Humfeld, Clay Center, Kan.

Geraniums, stock plants, 8c; 4-in., mixture, 5c.
N. Studer, Anacostia, D. C.

Geraniums, 2½-in., $2.00 100; $18.00 1000.
C. F. Mahan, R. D. 8, Dayton, O.

Geraniums, rooted cuttings. Send for list.
Albert M. Herr, Lancaster, Pa.

Geraniums, grown in pots, $1.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Geraniums, 2-in., $2.00 100.
National Plant Co., Dayton, O.

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Cushman Gladiolus Co., Sylvania, Ohio, offers standard, mixed and hybrid seedling bulbs.

Gladioli. Finest stock in the world.
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Gladioli. Silver Trophy strain, section 2, in white, light and yellow, $2.50 per 100; $20.00 per 1000. Augusta, extra large size for forcing, $2.00 per 100; $20.00 per 1000. May, $1.10 per 100; $10.00 per 1000. Mixture of 50% fine light shades from Silver Trophy strain, section 2, remainder good Groff's, $1.50 per 100; $12.00 per 1000.
Above prices are for large size bulbs. Write for price on lots and small sizes.
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Gladioli. Augusta, $2.10 per 100; $18.50 per 1000. May, $1.25 per 100; $10.50 per 1000. Selected florists', light, mixed, $14.50 per 1000. Standard florists', mixed, $8.50 per 1000. Childsii, best mixed, $10.50 per 1000. Groff's best hybrids, $8.75 per 1000. Groff's new, blue hybrids, $4.50 per 100. Good, mixed, $6.00 per 1000. Cash.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

Gladioli, large size for forcing. Augusta, May, Scribe, Orifiamme; also other kinds and sizes. E. E. Stewart, Rives Junction, Mich.

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If you are looking for some extra nice 2 to 3 inch silver maples, 2 to 3 inch laurel-leaf willows, 2 to 5 inch Carolina poplars, 1½ to 2½ inch Russian olives, 8 to 10 and 10 to 12 foot white birch, 3 to 4 foot golden willows, 2 to 4 inch box elder, write us. We have lots of them.
The Newburys, Mitchell, So. Dak.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
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We are headquarters for all the latest and best hardy perennials. We shall be pleased to mail you our catalogue. Royal Tottenham Nurseries, Dedemsvaart, Holland.

We have the largest stock of hardy herbaceous plants in all the best and newest varieties. Write for illustrated trade list.
B. Ruys, Dedemsvaart, Holland.

Large trees of oaks, maples, pines and hemlocks. We have a full line of all nursery stock and can fill orders promptly.
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An immense stock of both large and small size evergreen trees in great variety; also evergreen shrubs.
The Wm. H. Moon Co., Morrisville, Pa.

Trees and shrubs, immense quantities. Price list on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Rudbeckia Golden Glow and Physostegia virginica, purple, $1.00 per 100. Cash or C. O. D.
John Peterson, Lake George, N. Y.

Wholesale growers of nursery stock for the American trade. Catalogue on application.
H. Den Ouden & Sons, Boskoop, Holland.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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Trees, shrubs, and evergreens in good assortment. Catalogue for the asking.
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English manetti, gooseberries and ornamentals for florists and nurserymen.
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Hardy plants of all kinds. Phlox, iris, pinks, etc. Send for price list.
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Viburnum plicatum all sizes, spiraeas, deutzias, etc. Write for prices.
Conard & Jones Co., West Grove, Pa.

Herbaceous plants, field-grown. Send for list.
Elizabeth Nursery Co., Elizabeth, N. J.

Lilac bushes, 4 to 6 ft. high. Write
R. Fischer, Great Neck, N. Y.

Hardy pinks, field, 3½c. Cash.
Byer Bros., Chambersburg, Pa.

Fruit and ornamental trees.
Gilbert Costich, Rochester, N. Y.

HELIOTROPES.

Heliotropes, dwarf varieties, 2-in., $2.50. Rooted cuttings, $1.00 per 100.
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Heliotrope, rooted cuttings, 60c 100; $5.00 1000.
C. L. Marshall, 707 Stevens St., Lowell, Mass.

Heliotropes (dark). R. C., 60c 100; $5.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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Hibiscus, field plants, Moscheutos, $3.00 100; $25.00 1000. Crimson Eye, $2.50 100.
Springfield Floral Co., Springfield, O.

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DELAWARE HOLLY, lycopodium, and a full line of Christmas green decorations. Buy in Denver and get quick delivery. Price list now ready. BARTELDES SEED CO., Denver, Colo.

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Holly delivered by freight, prepaid, direct from the swamps of Delaware, $4.00 per case. Holly wreaths, 14 inches in diameter, made by experienced hands, perfect green holly with plenty of berries, $10.00 per 100. Boxwood branches, $7.50 per 100 lb. Cash with order. Samples on application. Order early.
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Holly, per case, $4.25 to $4.75. Holly wreaths, $12.00 and $15.00 per 100.
Scranton Florist Supply Co., Scranton, Pa.

Delaware holly. Display adv. gives prices.
H. Woods, 127 South Water St., Chicago.

Holly and holly wreaths. Write for prices.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Holly, well fruited. Write for prices.
E. Sanderson, Eutaw, Ala.

Delaware holly. Write for prices.
W. T. Collins, Milton, Del.

Fancy holly ready to ship now.
W. Z. Purnell, Snow Hill, Md.

HYDRANGEAS.

Hydrangea Otaksa and Thos. Hogg, 6-in., 7 to 12 flowering crowns, $12.00; 5 to 6, $9.00; 4 fl. crowns, $7.00 100.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa, 2½-in., will make fine plants for Easter or Memorial day, $2.50 per 100. Cash. Hugo Book, Worcester, Mass.

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Poinsettias, 4-in., $12.50; 3-in., $7.00 per 100.
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Poinsettias, 2½-in., $4.00 100.
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Primula obconica, all colors and varieties, mostly in bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100.
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Privet Amurense, bushy, 4 to 5 ft., $25.00; 3 to 4 ft., $18.00 100.
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California privet. Write for prices.
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Rubbers, 4-in., $2.00 doz.; $15.00 100.
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New peas, sterling novelties for 1907. The best and heaviest main crop peas in cultivation. The Bell, magnificent new pea, sealed packets, pint, 2/6; ½ pint, 1/6, retail. The Scotsman, grand new pea, sealed packets, ½ pint, 2/6. Bell & Bieberstedt, Leith, Scotland.

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Leading Onion Set Growers.
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Fine, healthy stock of tamarix, 3 to 5 ft., 3c; 4 to 5 ft., 4c; 5 to 6 ft., 5c. Deutzias, assorted, 2 to 3 ft., 5c. Spiraea Billiardii and opulifiora, 2 to 3 ft., 6c. Staghorn sumach, 4 to 5 ft., 12c; 5 to 6 ft., 15c. California privet, 2 to 3 ft., well branched, 3c. Forsythia suspensa, 2 to 3 ft., 6c.
Stock must be sold to clear ground.
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Shrubbery bargains, transplanted stock, splendidly rooted. See display adv.
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All kinds of hardy shrubs. Ask for prices.
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Fifty smilax strings, thick and heavy, $1.50 doz. A. J. Lanternier, 1713 Walton Ave., Fort Wayne, Ind.

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Smilax, 3-in., $2.00; 2-in., $1.50 per 100.
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Smilax seedlings, fall-sown, $3.00 1000.
F. A. Baller, Bloomington, Ill.

Smilax, $2.00 100; $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

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Spiraeas.	100	1000
Spiraea astilboides floribunda	$0.80	$ 7.00
Spiraea Japonica	.80	7.00
Spiraea Japonica compacta	1.20	10.00
Spiraea Lemoinei Plumet Neigeux	1.20	10.00
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Spiraea hybrida Lord Salisbury	2.25	....
Spiraea hybrida Queen Wilhelmina	2.75	....

The last two named are far superior to the Gladstone variety.
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Spiraeas—	Per 12	Per 100
Japonica, large clumps	$0.75	$4.00
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Astilboides floribunda, large clumps	.85	4.50
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Gladstone, best of all	1.25	6.75
Superbe, 20 to 30 flowers to plant	.85	5.00

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500 stevias, extra fine plants, 6-in., $15.00 per 100. Idle Hour Nurseries, Macon, Ga.

Stevias, fine, large plants, 6-in., 20c; 7-in., 25c; 8-in., 30c. Thos. Salveson, Petersburg, Ill.

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Umbrella plants, 2-in., $1.50 100. Cash.
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Umbrella plants, 3-in., $4.00 100.
Geo. L. Miller Co., Newark, Ohio.

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Seed potatoes, pure Carman, 75c per bushel. Write for price on large lots.
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Vegetable plants in any quantity. See display adv. or write us.
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Headquarters pot-grown Lorrillard forcing tomatoes, $2.00 100. Roney Bros., West Grove, Pa.

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Verbenas, finest named var., rooted cuttings, 75c 100; $6.00 1000. Plants, $2.50 100; $20.00 1000. J. L. Dillon, Bloomsburg, Pa.

Lemon verbenas, 40c doz., $2.00 100. Cash.
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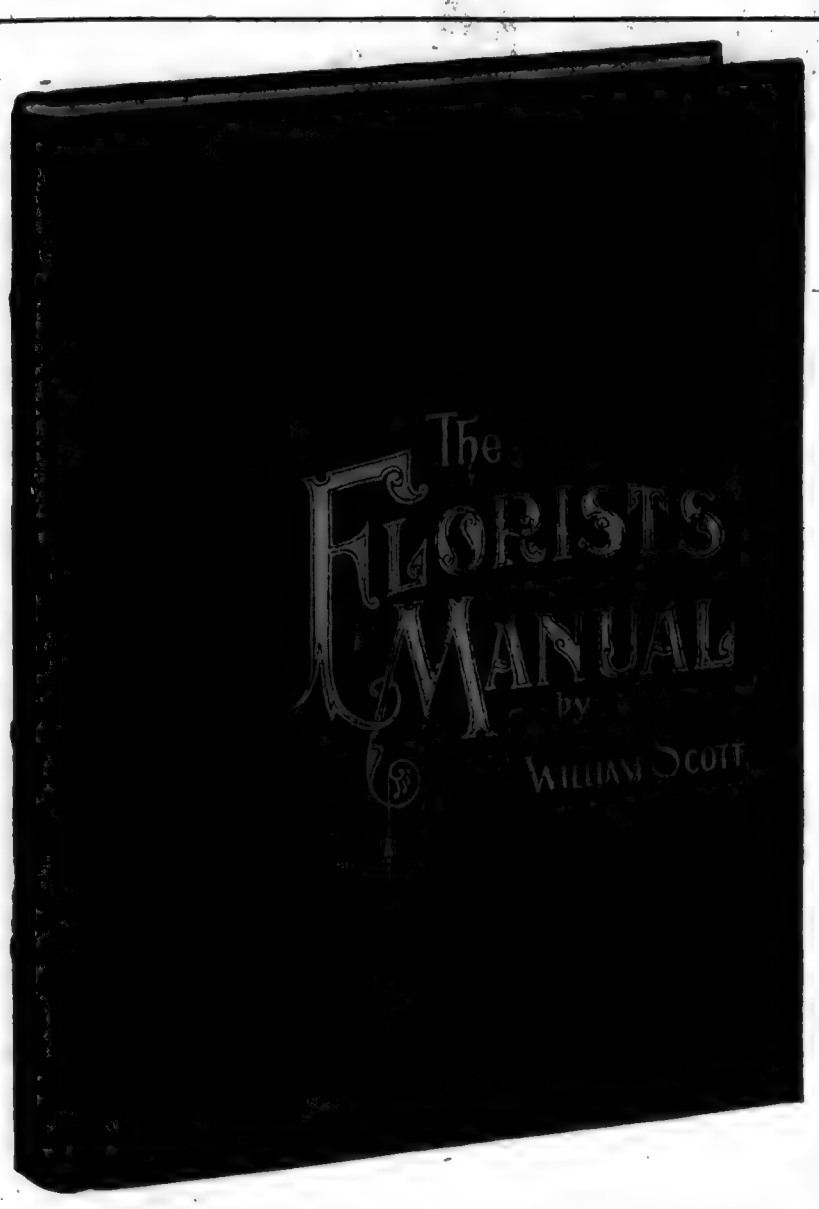
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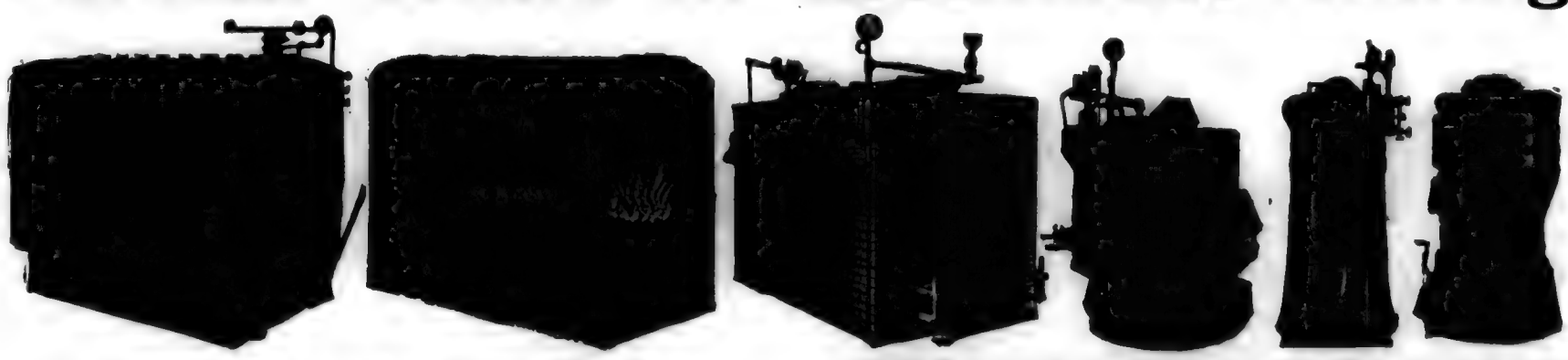
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Can a steam trap be used efficiently in returning condensed steam to the boiler when the boiler is run under a pressure of five to ten pounds? My two houses are only about two feet higher than the boiler-house foundation. Will a trap be practicable in a small place of 8,000 feet of glass? G. H. S.

Yes, the steam trap can be made to do the work desired on a low pressure system. If a minimum pressure of six pounds is maintained there will be no difficulty in securing good service.

L. C. C.

PIPING TWO HOUSES.

Kindly advise me how to pipe two houses, 15x100, in order to maintain a temperature of about 60 degrees in zero weather. I wish to use 2-inch pipe. My houses extend east and west and are six feet high on the north side and four feet high on the south side. New Jersey climate. C. J. R.

Each of the houses 15x100 feet should contain eleven runs of 2-inch pipe. This can be arranged in two coils, one of six pipes on the north side and one with five pipes on the south side. The large coil should consist of a 2-inch flow-pipe from the boiler to the far end of the house, where the flow should enter a manifold, carrying five 2-inch returns. The other coil should consist of one 2-inch flow arranged the same as the above, and four 2-inch returns. The boiler to supply heat for these houses should be rated to carry at least 2,000 square feet of radiation, or a like number of lineal feet of 4-inch pipe.

L. C. C.

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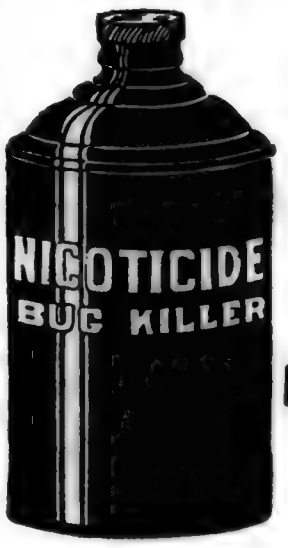
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Please state the number of flows and returns of 2-inch pipe needed to heat two houses to 50 degrees, where the temperature occasionally falls to 15 degrees below zero. One house is 16x60, walls four feet high, ridge nine feet, east end protected. The second house is 22x40, connected to the first house on the south, north well protected. T. B.

From the size of pipe mentioned I judge you wish to heat the houses in question with hot water. These estimates are based on maintaining a temperature of 50 degrees with hot water at 180 degrees. The house 16x60 should be provided with nine runs of 2-inch pipe. This can be built in two coils, one

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consisting of a flow and four returns, and another of a flow and three returns. The house 22x40 requires eleven pipes, which can be arranged in either two or three coils, as desired, with a flow to each coil. L. C. C.

NEW ORLEANS.

New Orleans is the headquarters for the cypress lumber industry. Through the Louisiana swamps there are many mills turning out cypress lumber in great quantity, but so great is the demand that they are not able to keep stock ahead, and the selling interests are intrusted to a concern owned by the mills and called the Cypress Selling Co., which sees to it that each mill has its proportion of orders, based on its capacity, and that each buyer gets supplies in proportion to his needs.

The cypress used for greenhouse purposes is open-air dried at the mills, and there now are great quantities of cypress piled awaiting curing before delivery to the concerns manufacturing greenhouse material. One of the interesting facts is that there are 500,000 feet of pecky cypress awaiting shipment to the Adam Schillo Lumber Company, Chicago, for use as greenhouse benches. Pecky cypress is now almost universally used for greenhouse benches, as it can be sold as cheap as any other lumber and far outlasts hemlock. It is dried here in the open air until it weighs three pounds to the board foot, anything heavier than this having too much sap to be in the right condition for use.

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MUNCIE, IND.—For a recent parade the Muncie Floral Co. decorated an automobile and vehicle and received first prize on each.

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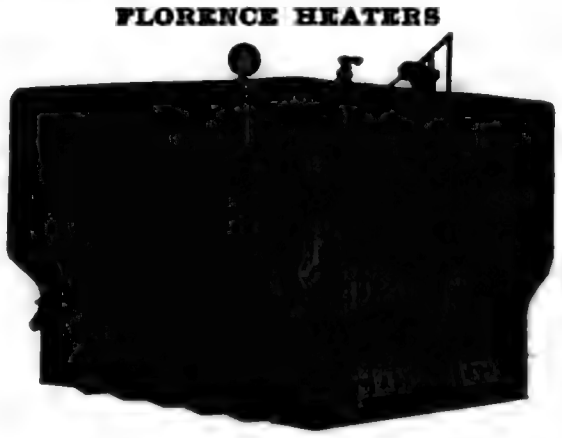
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PROVIDENCE, R. I.

The Market.

With the advent of colder weather, business is improving. There is a noticeable scarcity of roses, most of our growers stating that their stock is now off crop. Perhaps it is well, in view of the fact that the market is flooded with chrysanthemums, low in price and grand in quality. There is no great demand for large specimen blooms of such varieties as T. Eaton and Yellow Eaton, although an occasional wedding decoration calls for a quantity of this stock. Our best selling sorts are Major Bonnaffon, Pink and White Ivory, Jerome Jones and Appleton. At retail they command from $1 to $2 per dozen; at wholesale from $6 to $8 per hundred. Carnations are plentiful and show the effects of cloudy weather and undue forcing, it being almost impossible to keep them from sleeping. Ordinary stock brings $1 to $1.50 per hundred, fancies $2 to $3. Violets are not up to standard in quality, nor are they likely to be until we get more sunshine. Prices range from 40 cents to 75 cents per hundred.

Among the Trade.

The opening last week of the largest retail drug store in New England brought a demand for several thousand chrysanthemums and carnations which were gratuitously distributed as souvenirs. Such business enterprise is commendable.

Alexander Rennie, of the late firm of Rennie & Pino, seedsmen, has leased a store on Washington street and is preparing to open a modern retail seed store within a few days. W. S. Pino will continue business at the old location.

James Crawshaw, the originator and grower of the beautiful new Asparagus Crawshawii, reports an enormous demand for sprays and strings of his favorite specialty. This new asparagus, while a sport from A. plumosus nanus, is in every respect an improvement over the parent stock. It should be seen to be appreciated. Grown under conditions which usually are given plumosus, it makes almost twice the growth, the foliage being finer and more dense. Either as a decorative plant or as a money-maker for a grower of greens, it is the finest thing the writer has yet seen. It is the only stock Mr. Crawshaw grows in quantity.

G. S. W.

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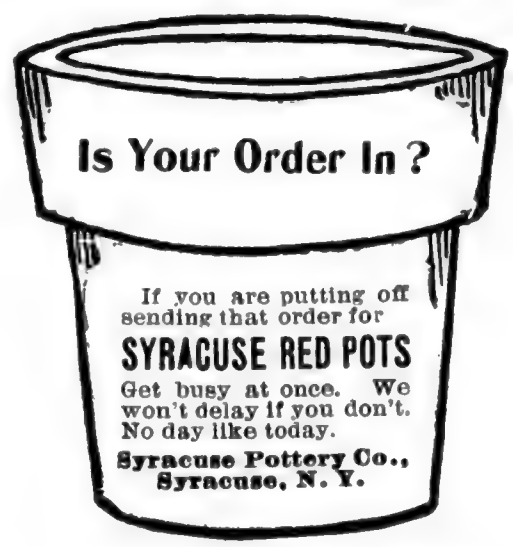
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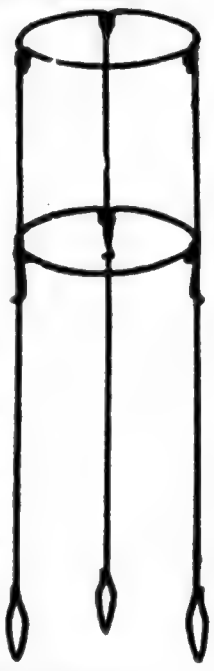
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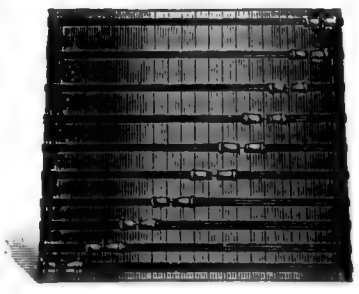
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G. L. GRANT, EDITOR AND MANAGER.

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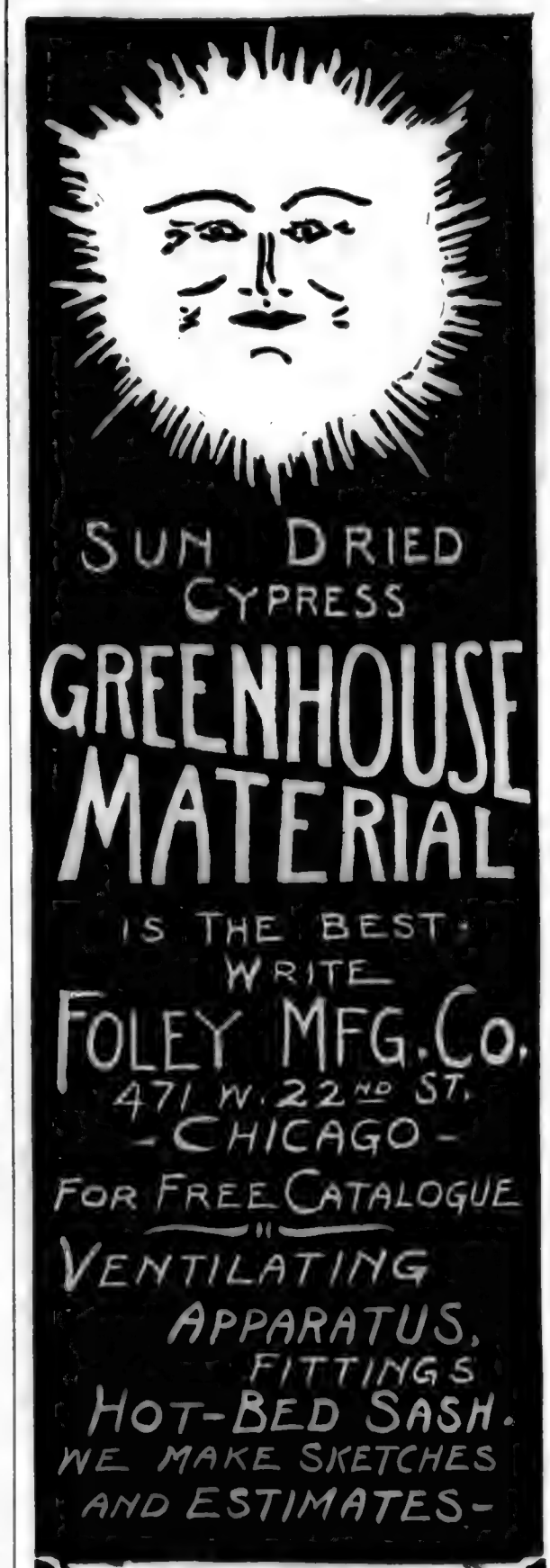
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H AND C

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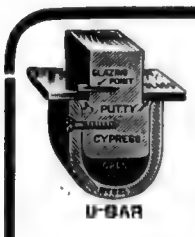


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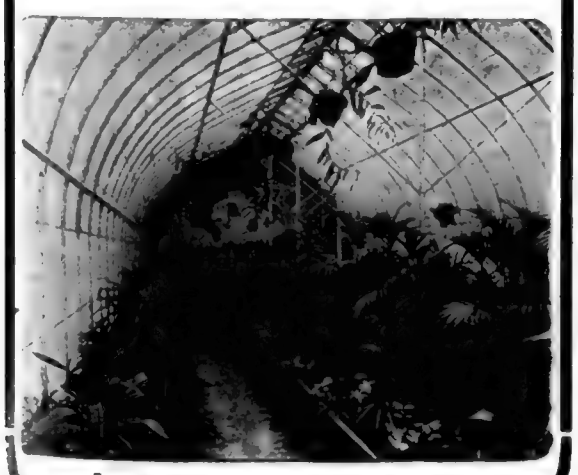
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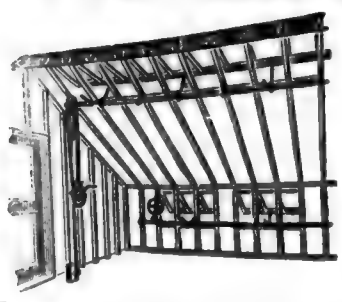


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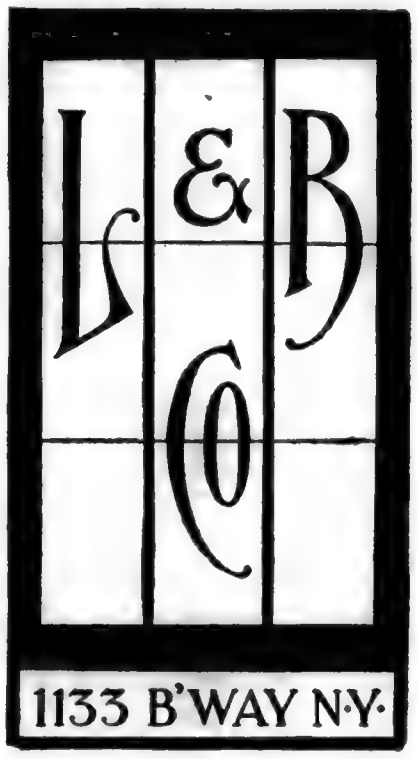
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, NOVEMBER 29, 1906. No. 470.

GLADIOLI

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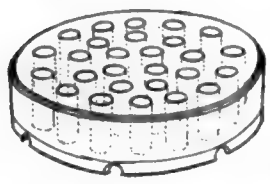
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Tulips, all colors, mixed and separate, $5.00 per 1000; Artus, $8.00; Canarybird, $7.50; Chrysolora, $5.50; Cottage Maid, $7.00; Couleur Cardinal, $25.00; Yellow Prince, $6.50; Murillo, $15.00; per 1000.

Azalea Indica, early and late var. in all sizes and well-budded; 8–10, $25.00; 10–12, $35.00; 12–15, $45.00; 15–16, $65.00 per 100. Myrtheo, (standard) for 5 and 6-in pots, $25.00 per 100.

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F. W. O. SCHMITZ, Prince Bay, N. Y.

MISCELLANEOUS SEASONABLE HINTS.

Poinsettias.

Our beautiful mums will soon be things of the past and then for many long months we will have only their literature and memory to remind us of the gorgeous blossoms of the last two months. With plenty of benchroom our attention will be centered on the flowering plants that we expect to sell at Christmas, for that holiday, like Easter, has gradually been growing more of a plant event.

How are your leading crops looking? Will they be just right for Christmas? Keep your pans and pots of poinsettias in a night temperature of 60 degrees. If not kept lower than that there should be no losing their foliage. Lack of heat is not the cause of loss of foliage so often as is exhaustion of the soil or too much water, which causes the roots to perish. Weak liquid manure occasionally may help to preserve the leaves, but if the roots, or the majority of them, are decayed, there is nothing to be done but resolve to do better next year.

If you think you have not enough pans made up and should be lucky enough to have plants in 4-inch pots, don't attempt to put them in the pans now, for the slight disturbance of roots that will occur even with a careful transplanting will bring off every leaf. Wait until they are ordered and then your customer will have the plant at least for a few days.

About this time is pretty sure to appear the dirty, greasy, mealy bug. It clusters among the nectar cups and at the base of the bracts. It is not only offensive to the sight, but if allowed to vegetate will impair the development of the bracts, which many people think are the flower. In most flowers the nectar cup is absent or very obscure, but in the poinsettia it may be said that they are abnormal in development, and this accounts for the brilliant bracts to attract the insects to feed on the abundance of nectar.

Last year we tried to kill the bugs with a spray of nicotine, a rather strong decoction, but these dirty creatures only considered it a free lunch. The only thing we know of to do, if this pest appears, is to take each plant and, while one man holds the plant, another directs a strong, sharp stream from the hose into the center of the head. Do this on the path of the greenhouse or the bugs may crawl back.

Azaleas for Christmas.

I advised some weeks ago that shortly after the arrival of your imported azaleas you should put into a temperature of 60 to 65 degrees a few varieties that will flower at Christmas. They are Deutsche Perle, Hexe, Simon Mardner and Vervæneana. The first two are such excellent varieties to force that they may be slightly early. If showing color now, remove to a temperature of 55 degrees and no harm will be done. I again call your attention to that grand variety, Hexe. The habit of the plant, its brilliant color, a dark red, and the ease with which it forces makes it one of our most valuable Christmas plants. Simon Mardner and Vervæneana are not likely to be any too early.

Early Lilies.

The Bermuda lily is a very important flower to us from Christmas on, both for decorating and designs. It requires a strong heat. On a visit last year from Charles H. Roney, of the Lake View Rose Gardens, Jamestown, N. Y., which was a week or two before Thanksgiving, he told me he would have 15,000 flowers ready for that important date. I remarked, "You must have given them a high temperature." He replied, "Yes. Don't be afraid of that. They will stand 90 degrees." We will have a few for Thanksgiving, but look for a good cut at the holidays.

Just before the buds are visible is the time when the greenfly gets in its work. Do not wait to see these minute creatures, but syringe into the center of the rosette of leaves a weak solution of some tobacco extract. Instructions as to the strength come with them all. In applying any of the insecticides is where the compressed air sprayer comes in useful. Keep your lilies going and rather increase than decrease the temperature.

Cyclamen.

The cyclamen has of late become a popular Christmas plant, and very worthily so, for there are few better house plants and in the better strains now on the market the foliage is as attractive as in many of our so-called ornamental-leaved plants. We have tested rather accurately the temperature that best suits the cyclamen when about to bloom. We found that at 50 degrees they were rather slow to flower, and at 60 degrees they drew up rather weak; then giving them 55 degrees with full light we found what we considered the ideal. The writer is not a believer in such fine distinctions in temperature, especially with different varieties of one species, like the carnation. Nevertheless, that was our experience with the cyclamen. As the pretty foliage of the cyclamen is now a desirable attribute of the plant, they should be given plenty of space to develop, not only their attractive foliage, but also the symmetrical form of the plant, and, therefore, when you select plants for flowering at Christmas, for which the earliest flowers should now be showing color, it is worth while to put these selected plants on inverted 6-inch pots. If tobacco stems are plentiful with you, spread two or three inches between the pots. It will keep down aphis and there will not be the necessity of that disagreeable duty of smoking. The average florist likes best to smoke out of a briarroot or meerschaum, as, when irrigation is necessary in dry seasons, he thinks his own throat needs it worst.

Other Christmas Stock.

You know all about that most useful cheap plant, the sweet stevia, Stevia serrata. We never have enough to last over to New Year's. Don't cut it now for anyone and keep it down close to the freezing point. Have a good lot of Paper White and Roman hyacinths in for Christmas. If there is any money in these bulbs it is at that joyous time. If you brought in your Paper Whites three or four weeks ago, don't think they are going to be too early. Keep them cool and let every flower be developed and then this inexpensive bulb is of great value to the florist.

WILLIAM SCOTT.



ROSES

PROPAGATING.

In selecting wood for propagating purposes some growers advocate taking flowering stems in preference to blind wood, under the impression that this class of wood will produce a heavier cut of blooms of a higher grade. Having experimented carefully along these lines for some years I found so little difference in the quantity and quality of cut that I am content to use good blind wood from near the top of the bush, where it has been exposed to the rays of the sun and where it could enjoy a free circulation of air.

Using flowering wood is also rather an expensive experiment, as during the season of propagation blooms command the best price and few of us care to curtail our cut during short days, when even the best of cuts produce fewer blooms than we wish.

The wood should be put into water as soon as possible after being taken from the plant, not merely dipping the ends into the water, but immersing it deeply. The wood should not be allowed to stand too long in the water, as this will produce that weak condition

called "water heart," fatal to the result we wish.

The process of making the cutting and inserting it in the bench, while demanding care and attention, is simplicity itself. The after care of the bench and house, being of the utmost importance in successfully raising the stock, will demand a greater amount of care and diligence.

For ordinary purposes cuttings of three eyes make nice, thrifty plants; even cuttings of two eyes, if handled properly, make nice plants in a short time. Having all the cuttings of a uniform size with the same number of eyes will tend to better success than if the sizes and quality are indiscriminate.

Use a knife with a keen edge and make a short slice, as the cleaner the cut and the smaller the wound so much quicker will the callus form and the arrangement of the young rootlets will be more perfect.

The cuttings should never be allowed to become dry from the time they are taken from the plant until root formation has taken place, and during the process of making the cuttings frequent sprinkling is necessary in order to keep them in the best condition. The sand or other medium should be pounded moderately firm and should not exceed four inches in depth.

As uniform conditions are more likely to exist half way between the surface and the bottom of the bench, the ends of the cuttings should reach to that depth and should have the material firmly pressed around them. The end of every cutting should reach the bottom of the cut made to receive them, as any cutting not so placed will take a longer time to root.

The bench should then be thoroughly watered and, if exposed to bright sunshine, should be lightly shaded with cheesecloth, removing the shading just as soon as the sun ceases to shine on the bench. The temperature of the material in the bench should be about 62 degrees and the house temperature at least 10 degrees lower, so that while root formation is in progress the eyes may be discouraged from breaking and making wood.

By carefully attending watering, shading and temperatures, the cutting will be ready to pot in twenty-eight or thirty days. Ribes.

BABY RAMBLER ROSE.

Have a lot of two-year dormant Baby Rambler roses just potted. A few of these are wanted in bloom just as soon as possible. How far ought they to be cut back? They are in cold houses to start, temperature 45 to 50 degrees.

E. L.

Your treatment of roses is all right. Start slowly in a cool house if just lifted from the field. Do not cut back the wood of these roses anything like as severely as you would a hybrid perpetual. In fact, only the unripe tops of the stronger growths need be cut back and then only back to the firm ripe wood. Any old wood that flowered last spring should be cut away entirely. W. S.

MALFORMED BUDS.

Can you tell us why our Bride and Maid buds come deformed? The center of the flower does not push out, although the outer petals are formed fairly well. The flowers were good up to three or four weeks ago; then came a short period of deformed flowers, say about three or four days, after which they came good for two weeks, then again a few poor cuts. The temperature in the houses had been as low as 56 degrees at night, with warm days. The soil is a heavy loam with one-quarter cow manure. The plants look healthy, the foliage being a dark green and leathery. The first cold nights had no fires and in the mornings plants would be wet.

J. N.

It is possible that the check received by these roses during the first cold spell may have something to do with the malformation of the buds, although it would be more likely to first show its effects on the foliage.

Roses are more apt to act in this manner from overfeeding with material containing an excess of ammonia, such as using bone meal and lime in combination, or any material that will release the ammonia in the manure or mulch more rapidly than the plants can use it.

A temperature of 56 degrees, especially with a small crack of air on, while it would retard the development of the blooms and so shorten the cut, would rather tend to improve the quality of the bud than otherwise, so the trouble cannot be attributed to that.

Make an investigation as to the quality of food supply, as I am convinced the cause originates there. Ribes.

MILDEW.

I am troubled with mildew on my roses. I have a house fifty feet long, with about 400 rose plants. The soil is sod plowed up in autumn and piled up until the following spring with one-quarter of cow manure. I have good drainage. The roses were planted in July. The temperature at night runs from 50 to 60 degrees without ventilation and it runs up to 80 or 90 degrees in the daytime when there is sunshine, with ventilators wide open. When night comes I close the ventilators and the temperature drops to 70 degrees.

My house is a three-quarter-span, Lord & Burnham steel-frame construction, with ventilators on one side. The house is close to the river, which runs north and south, the house east and west. The house is 100 feet long, divided equally, the half for carnations being next the river. During a heavy fog I often dust the pipes with sulphur. When it rains I close the ventilators. My roses began to mildew in September. T. R. D.

The trouble with these roses arises, neither from the quality of the soil, style of house nor its proximity to the river, but is caused solely and entirely by lack of ventilation at night.

Time and again I have pointed out in these columns that this stagnant atmosphere is the very condition suited for the germination of the spores of mildew, and so long as this condition prevails mildew will stay in the house, in spite of sulphur or any other preventive.

Keep the air in circulation by leaving on a crack of air whenever possible, even at the expense of a few more tons of coal, but close the ventilators if there is danger of rain getting in. Be careful to have the watering and syringing done early enough in the day to allow the foliage to become dry before sundown. When giving ventilation during the morning be careful to raise the sashes a little at a time—never so much at once as to appreciably affect the temperature of the house, and reduce during the afternoon with the same care.

As an aid in banishing this pest keep the pipes painted with the sulphur mixture and dust the foliage once a week with a mixture of lime and sulphur, one-third lime and two-thirds sulphur. Apply with the blower. Ribes.

THE RETAIL FLORIST.....

PRIZE DESIGNS.

It hardly ever fails that where cut flower work is part of a flower show the retailers' displays are among the most attractive features of the exhibition. The table decorations have a special fascination for the public, but many are the retailers who have received orders for funeral pieces or a bride's bouquets with the comment, "Make one like that you had at the flower show." The retailers' displays are too frequently the only artistic feature of an exhibition.

At the Ontario horticultural exhibition at Toronto, floral designs always are given a leading place in the schedule. The accompanying illustrations are the three prize-winners at the show held early this month, and they will serve to demonstrate to florists that at Toronto they make as finished floral work as in any metropolitan community south of the Dominion line. These were the work of J. S. Simmons and it is interesting to note that lily of the valley was largely used in each of his pieces. It is, of course, almost the only material at this season, unless orchids are used, for making bridal bouquets. It was necessarily good valley that Simmons used, but it will be noted that in his bridal bunch he employed scarcely any foliage, not nearly so much as would be used by the average maker-up. For his encircling green he used Asparagus plumosus. The shower consists of only a few ribbons, in which valley spikes are tied, as the effect would be too heavy if more were used combined with the lace scarf which is now so popular for tying all sorts of bouquets.

As at other shows, the table decoration was the center of attraction. Cattleyas, dendrobiums and valley were used, with Asparagus plumosus for the green. The center-piece was in a large silver bowl, which was just a little high for the purpose.

The prize design was a cushion on an

easel. This is simply a variation of the old-fashioned pillow, but as worked out by Mr. Simmons was decidedly unique and pleasing. The top of the pillow was made solid and then the pattern worked on it with cattleyas and valley. The illustration hardly does justice to the piece, as the harmony of color is not apparent and only a slight idea of the size and perfection of workmanship is conveyed.

WINTER WINDOW-BOXES.

The George Wittbold Co., Chicago, has worked up an excellent business in the filling of winter window-boxes. The now popular boxwood is the principal material used and many thousands have this fall been required to fill their orders. They go about getting the business by sending out a post-card to all the names on their long list of retail customers. The post-card shows an illustration prepared from a photograph. It is a picture of a window in which there is a box filled with boxwood and other evergreens. The text on the card tells of the cheerfulness of winter greens in the window and quotes prices per foot on filling boxes already in place and also on new window-boxes. As a rule they are from $1 to $1.50 per running foot for 8-inch or 10-inch boxes, the price varying, of course, according to the quantity and value of the material used. The boxwood will not survive the winter, in the Chicago climate, but it will carry its rich green foliage until spring and serve all the purposes for which it is required.

EARNINGS OF SPRENGERI.

Would it be possible to earn 50 cents per square foot of bench by growing Asparagus Sprengeri sprays for the wholesale market? C. H.

Having experimented with Asparagus Sprengeri for several years, I concluded that the best way to grow it is in a hanging basket of about sixteen inches diameter. Planted in a very rich compost soil it will last for about two years. While the Sprengeri sprays grown in benches will average somewhat longer, yet they lack that graceful appearance of a basket-grown spray; besides a hanging basket will not take up any extra room. Looking over my records for the last three years I find the average price to be one and one-tenth cents per spray, so you will see that in order to make 50 cents per square foot it would require forty-five salable sprays, or that same amount to the square foot of bench room, which we have found impossible to do. The gross returns on a basket has averaged us 80 cents per year, or $1.60 during the life of the basket.

ALBERT F. AMLING.

BEGONIA REX.

Will you give me full instructions in regard to Rex begonias from the preparation of the soil to put them in when first received from the wholesale florist until in 8-inch pots? What kind of fertilizers are suitable, how used and how often, also general information?

L. A.

This very ornamental foliage section of begonias was once in great demand as hothouse plants, and when first introduced, some fifty years ago, were worth their weight in gold. They were also valued by the commercial florist for many years, more so than today. If you have the right temperature they are as easily grown as a geranium.

They are usually propagated in December, from strong mature leaves of large plants, but not from leaves that are beginning to turn yellow with age. Some lay the whole leaf on the surface of the propagating bed, severing the midribs every inch or two, from which little plants will spring. We think a better way is to cut a leaf into small sections. You can manage to cut each piece of leaf into a wedge-shape, but always let the base of the cutting terminate with a rather stout midrib. Insert these sections of leaves in a trench in the sand as you do other cuttings, about one-third their depth in sand. The sand should be warm. Seventy degrees will do, and the house temperature can run up to 60 degrees.

I may as well say here that Begonia Rex at all times enjoys a high temperature, with plenty of humidity. Although perhaps not necessary, we have often given a batch of these plants in 4-inch pots a daily syringing with the hose, and they grew very fast, for there was heat enough to dry up the moisture on their leaves. If in a cool house, say not over 55 degrees at night, then keep their foliage dry. Shift on as their roots will show you they need it.

For compost, one-half should be a turfy yellow loam and the other half made up of decayed leaves and well rotted cow manure, or the remains of last spring's hotbed and some coarse sand. We have never considered these begonias at all particular about soil. There is no other point in their cultivation that we can think of. Do not expose them to bright sunshine. They are rather a shade-loving plant. We often see grand plants of these at horticultural exhibitions, and large specimens are generally grown in 8-inch to 12-inch pans. Up to an 8-inch pot plant you would not need any fertilizer. A light sprinkling of sheep manure on the surface of the soil would help them if crowded with roots, but don't overdo it, as it is powerful stuff.

W. S.



Bridal Bouquet by J. S. Simmons, Toronto.



TROUBLE WITH CROCKER.

Please inform me as to the trouble with my Ethel Crocker. All the blooms look like those which I send you. They do not break good, and when they do break they are about half size. I have looked for thrips, but do not find any. The soil seems to agree with all the rest of the stock. The plants look fine.

W. F. Y.

The blooms you sent were badly shriveled and I could not form any idea of what might be wrong with them. The bud was in good condition, but failed to disclose any trouble. Since your trouble is with E. Crocker, I will mention some of its peculiarities, and perhaps you will be able to get your information from them. Crocker is a warm-weather variety. It will produce fine blooms in the fall and again a heavy crop of grand blooms in the spring, unless it is handled especially with a winter crop in view. When handled the same as other varieties it is inclined to rest during midwinter. In a cool temperature it will burst a large percentage of its blooms during the short days and many blooms will come streaked and off color. To grow Crocker well, you must give it 54 to 56 degrees at night and don't feed it too liberally during the winter. We grew it successfully for a few years, but have discarded it on account of its peculiarities.

A. F. J. B.

CARNATION NOTES.—WEST.

Propagation.

Having decided to begin propagating your carnations and having overhauled and whitewashed the bench, filling in the sand is the next step. It is a good idea to screen all propagating sand before putting it in the bench. This is to make sure there is no trash of any kind or lumps of clay in it. The whitewash should be thoroughly dried before any sand is put on. Fill in to a depth of about three inches or a little over before it is packed down. When packed down it should be two and one-half inches deep. To pack it down some use a common brick, which we consider clumsy. To make a good packer take a piece of planed plank 2x6x12 for the body and to make a handle take a piece of 2x4 eight inches long. Cut out a V-shaped piece from the middle of one side and cut off the corners from the opposite side. Then nail onto the body and you have a handle that you can hold tightly without cramping your hand.

The lines for inserting the cuttings are made with a common tableknife, and if you like you can use a stick to guide it straight. With a little practice you will be able to draw straight lines without the stick, but be sure you get your rows straight. It may save you much trouble some time. Anyway it is a good idea to form the habit of being neat and orderly about everything you do. It's a good habit.

When inserting the cuttings always begin at the back of the bench and work towards you, and when one row is full draw another line to the right of it and one and one-half to two inches away, and begin inserting from the back again.

When you have inserted the last cutting then insert the label directly in front of it as though it were a cutting. On this label should be written plainly the name of the variety in full and the date they were inserted. Do not trust to memory, as you are likely to forget by the time they are ready to come out, and you may not take them out yourself, anyway. Any of your men should be able to make out the identity of any variety without trouble. The date will help you to keep track of them better. If you know when a cutting was put in the sand, you will know about when it should be rooted.

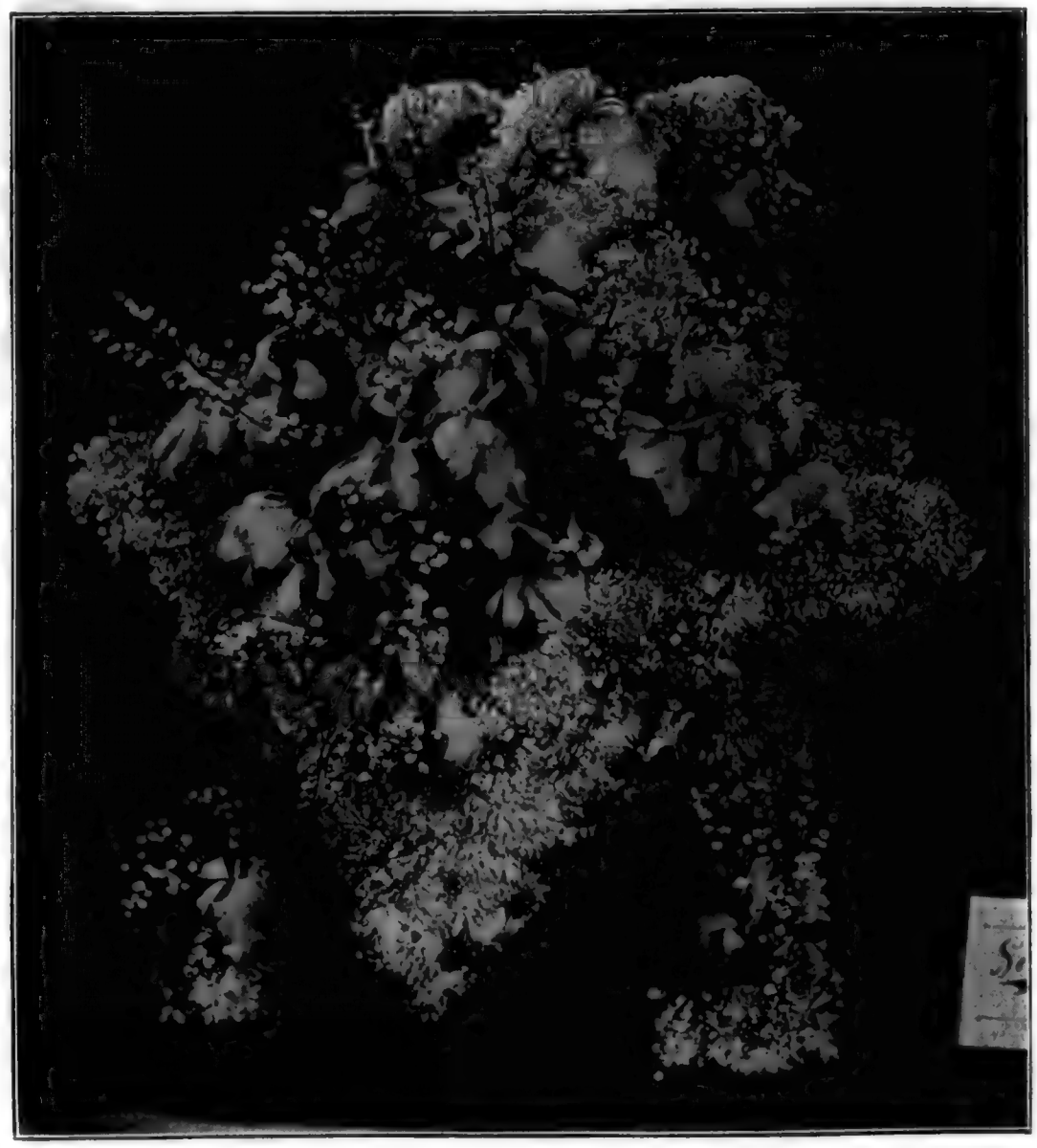
When finished sticking a batch of cuttings they should be watered enough to wet the sand thoroughly, which will cause the sand to settle firmly around the cuttings. The cutting should be inserted in the sand about three-quarters of an inch deep, according to the size of the cutting. Perhaps it would be better to say it should be set deep enough so that it will stand upright when being watered. Of course they are inserted in an upright position to start with.

A. F. J. Baur.

NOTES FROM ENGLAND.

The first arrivals of Japan lilies in Europe are somewhat disappointing to the importer. A larger percentage than usual are unpacking rotten and fifty per cent of a recent consignment unpacked in Hamburg proved to be useless. As is usual with the first consignments the bulbs were not fully ripe when lifted in Japan, with the result that many have shrunk considerably in transit, and consequently on arrival are found to be much below specified measurements. It is becoming the practice in England for many growers to particularly stipulate when placing their orders, that their deliveries shall be taken from the second shipment, for by this means only can they be certain of the bulbs being ripe and well matured.

Gladiolus Colvillei alba The Bride imported from Holland is causing some trouble in England this year. It is well known that if this bulb is packed in too close a case for export, it will be found on arrival to be heated, mildewed and probably rotten. In spite of this fact some firms still persist in packing bulk quantities loose in close cases, and I recently came across a consignment of really magnificent bulbs that were totally spoiled. Instead of being packed in paper bags and then in open cases, which is the only way this bulb will stand transit, they were loosely packed in close cases and chaff run in between the bulbs, with the disastrous results stated above. In ordering this bulb many growers are now stipulating on their orders just the manner in which they want them packed. Since the price has been up cultivations in Holland have been heavily manured to hasten the growth. Too heavy manuring



Exhibition Design by J. S. Simmons, Toronto.



Table Decoration of Orchids and Valley by J. S. Simmons, Toronto.

is probably more disastrous with this article than any other bulb.

Probably never before in the history of the flower trade have chrysanthemums been so plentiful. Covent Garden is glutted and loads are being thrown away daily. This is largely the result of mild weather, there having occurred up to date no frost worth mentioning to cut off any outdoor bloom.

In new plants we are getting plenty of American varieties of carnations, four new varieties being shown at the Royal Horticultural Society's meeting October 23. The most notable was a variety called White Perfection. This is likely to become a standard market variety, as the blooms are large, of fine form, and borne on long, stiff stems. It was generally admired and commented upon by the trade and was shown by Hugh Low & Co., Enfield, near London. At the same meeting a valuable new fern came from G. Prickett, of South Tottenham, named Nephrolepis tesselata. It is quite distinct from the older varieties of nephrolepis, the fronds being more expanded and longer at the tips and having a distinctly wavy appearance.

J. B.

FRED BREITMEYER, "ANGEL."

In theatrical slang the man who backs with his money any sort of a theatrical venture is styled an "angel." Fred Breitmeyer is such a one. It is not stated if the following clipping from a Toledo paper is some of his own press agent's stuff. Barring a few extra stories on the Breitmeyer building and a few other little details like that, including the total elimination of the other members of the firm, it goes fairly well:

"Fred Breitmeyer, the millionaire florist of Detroit, arrived in this city yesterday to be the guest of Frank Burt during the stay of 'The Governor's Pardon' at Burt's the last half of the week. Mr. Breitmeyer is an auto enthusiast and bought the show as a sort of a hobby because it contains a most realistic auto racing scene, in which two real cars are utilized, and it gave Mr. Breitmeyer opportunity to use several cars which contain his own ideas in construction. He owns the largest greenhouses in the middle west at Mount Clemens, and the twelve-story Breitmeyer block in Detroit is one of the finest buildings there. He utilizes that for his retail and wholesale florists' business, and only took a flyer in the show business as a sort of recreation.

"He came to Toledo to see his old friend, Mr. Burt, and also to look over the show, as he has not seen it for quite a while. He thinks so well of the show business that he may soon send out other productions, finding the mingling of flowers and amusement offerings go right well together."

HEAT FOR MIXED STOCK.

Will you please tell me what the night temperature should be in a house where a variety of plants are grown, such as azaleas, hydrangeas, palms, ferns, Harrisii lilies, geraniums, Baby Ramblers, spiræas, smilax, callas, forcing bulbs, etc.?

E. H. O.

It is not possible to grow all these plants in one temperature and have the best of success, but if they must all be under the same roof, 50 degrees night temperature will suit the majority better than a higher or lower reading, until such time as the business warrants other houses. For the details of the requirements of each plant see the Florists' Manual, by William Scott.

MIGNONETTE.

We would like to have W. S. tell us if it will be too warm if we run our mignonette house at 60 to 65 degrees, with a little air on in the daytime? We have it planted with Allen's Defiance, and the plants are about ten to fourteen inches high. Some show bud, but we think they will have short stems, and if 65 degrees would make the stem run up more would it make the flower smaller?

A. B. C.

You are keeping your mignonette much too high. Allen's Defiance is a fine variety if you can get it true, but no mignonette should be kept in dark weather over 40 to 45 degrees at night. Keep lateral growths rubbed off if you expect fine, strong spikes, and never let the night temperature go over 45 degrees. Give ventilation on all possible occasions. It is the absurdly high temperature that makes your flowers small.

W. S.



COMMERCIAL VARIETIES.

[A synopsis of a paper by Herman Knope, read before the Detroit Florists' Club, November 21, 1906.]

The chrysanthemum is the most decorative flower we have, and if nature had been good enough to provide it with the fragrance of the American Beauty, then nothing could surpass it. I think we owe the originators many thanks for the good varieties we have today, especially those we grow for commercial use.

We should, in my estimation, grow the varieties that sell best and the trade demands. If any grower is growing mums for the wholesale market and is not acquainted with the varieties that the trade demands, it will be to his advantage, financially, to have the store man or commission house keep him posted on such varieties as the flower buying public demands. It is a wise plan to grow such varieties as are admired by the public at the exhibitions held in the

larger stores. In order to make these exhibitions interesting and profitable new and fancy varieties should also be shown, so the people can compare the colors, size, shape, etc.

The grower should know the market value of his stock. There is usually a glut on the market at the middle of November, but this should not bring down the price. Too many poor flowers are on the market.

Many growers cut their blooms before they are well open. They seem to be too anxious to get them on the market. Leave the blooms to develop; they will keep better, sell more readily and command a better price.

To grow good mums requires more study, time and labor than some give it. Most growers grow too large a variety; a few kinds well grown will bring much better returns.

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Preparing to Propagate.

After you have decided what to grow for next season, get some good, vigorous stock and plant in a suitable place in order to secure healthy cuttings, for here is where the growing of good chrysanthemums begins. I prefer planting stock plants in a bench. By this method I believe we can secure more and better cuttings. Another good plan, if you have the facilities, is to plant the stock out in frames, but be sure and protect from frost.

There are many ways of propagating chrysanthemums with good results. I have had fairly good success outdoors in hotbeds, but if one has a side bench in a well-ventilated house, I would prefer it instead of a frame. Use good, clean, sharp sand packed well before inserting cuttings. Give plenty of water and protect against the sun, and you will have no trouble striking roots.

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The time to begin propagating depends on the variety. The earliest varieties should be propagated early in April and be ready to plant the latter part of May in order to procure good blooms. The midseason ones we propagate the first part of May and the very late varieties can be planted the middle of July and, if well taken care of, will produce good blooms.

Chrysanthemums that are to produce exhibition blooms, good stem and foliage, should all be propagated in March or the first week in April and the very best wood taken for cuttings. Plant in May.

The space to plant mums will depend on the variety. We all know from experience that more space must be allowed for varieties that have large foliage.

If single stems are to be grown, such varieties as Ivory, plant 4x5 inches. I prefer single-stemmed plants. This requires more plants, but it gives each plant the same advantage and will make better foliage and blooms.

Soil for Mums.

My experience is that the soil should be good, stiff soil, not hardpan clay, but good sod put up with cow manure in the fall and turned over in the spring.

If solid benches are used, see that they are provided with good drainage. Cinders or broken bricks are good.

I have found that four to five inches of soil is a good depth, as we can control the watering and feeding better than with more soil. Before filling the benches, cover the bottom with air-slaked lime to prevent angleworms from working.

When ready to plant mark the space off carefully, using some kind of a marker. You will not regret this when it comes to tying up and working between the plants. Plant a bench or house as near uniformly as circumstances will permit, and use only good, healthy stock.

Plant firmly, leaving a little basin around each plant to hold water. After a bench is planted, water each plant individually, two or three times, if the soil is dry. This will give each plant the same amount of water and they will make a uniform start and growth.



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If the soil was in good condition at the time of planting, not so much feeding is necessary, but if it was poor, feed liberally. Do not feed until the buds show up; then sparingly in the beginning, stopping when the flowers show color. Feed pink varieties the least, as too much will take out the color. Yellow will stand more and white can stand the most.

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SWEET PEAS FOR CUTTING.

What would be the best kind of sweet peas to grow for the New York market? Do you think it is too late to start them now? We have one house we would like to plant in peas, side benches about three feet from the glass, middle benches six feet. W. B.

Sweet peas sown now, if in a light, sunny house, should be in flower in early April, when they are in good demand. Some of the old standard varieties will flower by the middle of April. Of these there are many splendid sorts. A half dozen distinct and desirable kinds are Emily Henderson, white; Blanche Ferry, white and pink; Countess of Radnor, lavender; Katherine Tracy, light pink, extra fine; Prima Donna, rose pink; Coccinea, bright scarlet. These are also fine for sowing outdoors in early spring. They are not, however, any good for sowing in the greenhouse in the fall for winter flowering. If you are anxious to pick peas by Easter, then the only varieties to sow are the varieties raised by A. C. Zvolanek. His Christmas Pink is well named, of the Blanche Ferry type, with fine long stems. Florence Denzer is pure white.

The side benches, with only three feet of headroom, will not do for sweet peas. If you cannot use the space for young stock or bedding plants, then try candytuft. Sun, fresh air and lots of water at the roots are the great requisites for producing good sweet peas. W. S.

MARKETING AT WHOLESALE.

[The paper by Charles Ingram awarded second prize in the contest for the prizes offered by W. F. Kasting.]

The methods of disposing to the retailer by growers have passed through almost as many stages of evolution within the last twenty years as have the construction of greenhouses, varieties grown, size of structures, etc. The methods that were fully competent to take care of the market end of the growers' cares up to a short time ago would now prove totally inadequate to handle the ever-increasing supply, "and the end is not yet."

An Individual Problem.

To my way of thinking, there is no one method at present in vogue that would apply equally to all growers, for the simple reason that all growers are not equally favorably situated as regards location of plant. To be more explicit, the grower that is in close proximity to a large center of distribution can handle a rush order with greater facility than one at some distance from said center, where shipping facilities may be limited to a certain number of expresses a day. Where the former can bring into use anything from a horse and wagon to an auto, the latter is handicapped by distance, etc., although undoubtedly he is better off as regards taxation and several other important items. There are other vast differences between growers that will be referred to later on.

The largest growers, who produce stock enough to enable them to run a shipping department of their own on practically the same lines as a wholesale commission house, have, it would seem, almost reached the climax of perfection; but to many growers this method of disposing of their goods would be totally impractical, so we may safely eliminate the former from the subject and con-

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Sweet peas sown now, if in a light, sunny house, should be in flower in early April, when they are in good demand. Some of the old standard varieties will flower by the middle of April. Of these there are many splendid sorts. A half dozen distinct and desirable kinds are Emily Henderson, white; Blanche Ferry, white and pink; Countess of Radnor, lavender; Katherine Tracy, light pink, extra fine; Prima Donna, rose pink; Cochineal, bright scarlet. These are also fine for sowing outdoors in early spring. They are not, however, any good for sowing in the greenhouse in the fall for winter flowering. If you are anxious to pick peas by Easter, then the only varieties to sow are the varieties raised by A. C. Zvolanek. His Christmas Pink is well named, of the Blanche Ferry type, with fine long stems. Florence Denzer is pure white.

The side benches, with only three feet of headroom, will not do for sweet peas. If you cannot use the space for young stock or bedding plants, then try candytuft. Sun, fresh air and lots of water at the roots are the great requisites for producing good sweet peas. W. S.

MARKETING AT WHOLESALE.

[The paper by Charles Ingram awarded second prize in the contest for the prizes offered by W. F. Kasting.]

The methods of disposing to the retailer by growers have passed through almost as many stages of evolution within the last twenty years as have the construction of greenhouses, varieties grown, size of structures, etc. The methods that were fully competent to take care of the market end of the growers' cares up to a short time ago would now prove totally inadequate to handle the ever-increasing supply, "and the end is not yet."

An Individual Problem.

To my way of thinking, there is no one method at present in vogue that would apply equally to all growers, for the simple reason that all growers are not equally favorably situated as regards location of plant. To be more explicit, the grower that is in close proximity to a large center of distribution can handle a rush order with greater facility than one at some distance from said center, where shipping facilities may be limited to a certain number of expresses a day. Where the former can bring into use anything from a horse and wagon to an auto, the latter is handicapped by distance, etc., although undoubtedly he is better off as regards taxation and several other important items. There are other vast differences between growers that will be referred to later on.

The largest growers, who produce stock enough to enable them to run a shipping department of their own on practically the same lines as a wholesale commission house, have, it would seem, almost reached the climax of perfection; but to many growers this method of disposing of their goods would be totally impractical, so we may safely eliminate the former from the subject and con

fine our remarks to the case of those growers whose conditions and surroundings do not justify this mode of procedure.

To answer the question at issue according to our views on the subject, a further classification is necessary, and to simplify the matter will divide them thus:

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Before going any further, a few words of explanation as to recommending the smaller growers to patronize the commission house in preference to the market. Many men are good growers, but indifferent salesmen. The commission man will do it more satisfactorily than most men you could hire to do it for you, with infinite less worry to yourself, and invariably succeed in getting better returns, if all items are faithfully figured in. Several other reasons might be given in favor of the commission house, but simply stating the fact that in my opinion that is the best method for the smaller grower to follow is all that is necessary here.

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Where growers are restricted as to shipping accommodation, and many both large and small are so situated, we would again name the commission house as the best medium for disposing of the stock.

Blame for Misunderstandings.

Many growers in years past have consigned goods to commission men at times when they had no other outlet, and because the returns were not satisfactory have held a strong prejudice against them on that account, but it must be remembered that the methods now practiced by these gentlemen have advanced the same as all other lines of horticulture, until today their system is perfected to such an extent that it would seem almost impossible to improve on it. In fact, in most cases where misunderstandings occur it is more often the fault of the grower than the consignee. We allude to such instances as where the grower at holiday times disposes of quantities of his goods to retailers. Some may think this mode of procedure all right; but look at both sides of the question. Any commission man, at all up in his business, knows pretty nearly the amount of stock to expect from his growers, and figures the effect that inclement weather and other adverse conditions will have on the development of the stock, and makes his calculations accordingly. Is it right, I ask, when after expending considerable cash for advertising, and otherwise obtaining orders for goods he honestly expects to handle, to be not only disappointed himself but have to disappoint others depending on him, possibly having the effect of losing their patronage and thereby indirectly damaging the grower himself? Again, although it must be admitted the practice is not nowadays nearly so prevalent as a few years ago, think of the pernicious habit of holding up large quantities of stock and landing it on the commission man too late for him to handle to advantage, and quite often in such condition as to be absolutely worthless, and which no reputable dealer would ship or retailer receive. I crave pardon for inserting a quotation from Kipling's "Mandelay," but the lines always suggest themselves to me when I run across a consignment in such condition.

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ADIANTUM CROWEANUM is reported to be in good demand, but not in large supply.

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MRS. CHARLES H. MAYNARD, of Detroit, reports that the ladies are promptly sending in their fees to join the Auxiliary to S. A. F., and with their checks come words of good cheer for its success.

ADVERTISING AND PROGRESS.

The following is an extract from the address of John J. Hamilton, of Des Moines, Ia., delivered before the congressional commission sitting at New York to consider changes in the law under which newspapers and periodicals are admitted to the mails:

"The publication of newspapers and magazines is a private business; there is no reason of public policy which calls for its regulation by law. * * * Men should be free to publish poor papers and magazines, for in these days of costly and beautiful papers, woe be to the publisher who does not keep pace with the improvements others are introducing. They should be free to accept all the reputable advertising they can obtain, because the American people value and read the advertising as thoroughly as the regular reading matter and usually refuse to take publications which do not contain large quantities of it. The subscriber profits largely by modern advertising.

"To limit the volume or relative proportion of advertising which a publication may carry under penalty of exclusion from the mails would be to destroy the most valuable asset of every notably successful publication of every class in America today. The right to sell all the advertising they can make room for is more valuable to them than their stately buildings and costly mechanical equipment. It is the quintessence of their well earned success. It rests on genuine merit and is the fruit of honest service."

SPECIAL CHRISTMAS ISSUE.

The Special Christmas Number of the REVIEW will be issued as usual, being mailed to the trade on the morning of December 13. The special issues of the REVIEW are of such great interest to the whole trade that the advertising in them is increasing not only steadily but rapidly. Advertisers will give us much assistance in turning out a well printed Christmas Number by sending advertising copy early.

COUNCIL OF HORTICULTURE.

A meeting of the National Council of Horticulture was held at the Auditorium Annex, Chicago, November 9 and 10. There were present Messrs. J. C. Vaughan, C. E. Kendel, W. F. Kasting, Prof. L. R. Taft, Prof. W. W. Tracy, H. C. Irish, J. H. Burdett, E. V. Hallock and John N. May.

Mr. Burdett gave an exhaustive report on the press bureau work as conducted during the past year, after which detailed plans for the continuation of the service were considered. The relative merits of the clipping sheet used by the American Civic Association as compared with the plan of the council by sending mimeograph copies of matter for publication direct to large papers and to press syndicates was discussed and it was voted to continue the latter plan and to begin another series of articles early in the New Year.

Reports were made of an unusual demand for certain seeds, the cause of which had been traced directly to their exploitation through the press bureau last spring

A list of subjects to be written up for the coming year was presented by Mr. Kendel and the secretary was instructed to correspond with nurserymen and florists for further subjects.

A report was read from Robert Craig, on a visit to the Jamestown Exposition Co., in the interests of a horticultural exhibition and congress. It showed that the exposition company is not in a position to offer cash premiums for a special horticultural exhibition but in his opinion the project could be successfully carried out if the money was guaranteed by individuals. It was voted to arrange for a horticultural congress at Norfolk during the exposition period and Prof. W. W. Tracy was appointed to draft a call to supplement the one which had been issued and to arrange a preliminary program. H. C. IRISH, Sec.

STATE OF GENERAL TRADE.

R. G. Dun & Co. say that "Commercial operations in wholesale and jobbing lines were, on the whole, of satisfactory proportions last week. Holiday goods have begun to move unusually early in a retail way and many reorders have been received by distributers. In a few lines trade has been retarded to some extent by weather conditions, but transactions in the aggregate surpass those of a year ago, which were unsually large at this season.

"The coal situation is being complicated more and more by the car shortage, and in some districts west there is claimed to be such a scarcity that farmers have been obliged to shell their corn in order to obtain the cobs to burn for fuel. In the local market the cold weather has increased the demand, and prices have been easily maintained and in some cases advanced.

"In staple lines, including clothing, footwear, furniture, hardware, business has been maintained at recent levels, with a general satisfactory condition aside from the difficulty experienced in obtaining prompt shipment."

THE TARIFF ON GLASS.

Pursuant of the action taken by the S. A. F. convention at Dayton, in appointing a committee to consider what might be done with the glass tariff, the correspondence below is of interest to everyone in the craft.

Fishkill-on-Hudson, N. Y., Nov. 20, 1906.
Hon. Sereno E. Payne, Auburn, N. Y.

Dear Sir: I am constrained to address you upon a matter of considerable interest to a large craft of men who use window glass in their business to the amount of millions of square feet, and that is the florists of the United States.

At the annual convention of the Society of American Florists, held at Dayton, O., one of the most important matters brought up was that of the duty now imposed upon window glass, which is an advance so much greater than existed prior to 1896, and which tariff raised the price of this commodity very materially per pound on every box of glass used.

With the knowledge of your standing in congress, and being a member of the committee appointed by the convention, I have for some time thought of laying this matter before you and to ask that, now election is over and we know how the drift of affairs will be the next two years, if the matter of reduction of tariff rates would stand any chance of receiving consideration at the approaching session of congress, or if at the present stage of public opinion it would be labor lost to attempt to do anything directly without pronounced agitation.

The greenhouse men of the United States, who run into the thousands, all feel that the present high cost of this necessary article is to them very largely enhanced by the existing excessive duty, and if this duty could be brought down to the rate prior to the tariff of 1897, that it would be an economic gain, which would work no harm to producers, because many of us believe and think that the tariff as it exists today is overdone and the party that should correct the matter is the republican, in control of the majority.

Our General Ketcham is dead, so we cannot

SPECIALTIES:

Sweet Peas **Bouvardia**
Paper Whites **Mignonette**
Stevia **Valley**
Violets **Finest N. Y. double and home-grown singles.....**

Large supplies of Roses and Carnations, including the finest Enchantress in town. Give us a call.

PLACE YOUR ORDERS NOW FOR
...Poinsettias for Christmas...
Special fancy, $4 per doz.; Smaller grades, $2 to $3 per doz.
Shipped in original boxes of 50 as packed at the greenhouses

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Stems, 36 to 40 inches	$5.00 to $6.00
Stems, 24 to 30 inches	4.00
Stems, 20 inches	3.00
Stems, 15 inches	2.00
Stems, 12 inches	1.50
Short stems	1.00
Kaiserin per 100,	5.00 to 10.00
Bridesmaid and Bride "	4.00 to 8.00
Chatenay "	4.00 to 8.00
Golden Gate "	4.00 to 8.00
Richmond or Liberty "	5.00 to 10.00
Carnations "	3.00
" large and fancy. "	4.00 to 5.00
Mums, fancy per doz.,	3.00 to 4.00
" medium "	1.50 to 2.00
" small per 100,	8.00 to 10.00
Violets, single "	1.00 to 1.50
" Fancy N. Y. dbl. "	1.50 to 2.00
Valley "	3.00 to 5.00
Easter Lilies per doz.,	2.00
Callas "	2.00
Mignonette "	.75
Stevia per 100,	2.00
Paper Whites "	4.00
Bouvardia "	2.00 to 4.00
Sweet Peas "	1.00 to 1.50
Asparagus per string,	.35 to .50
Asparagus Sprengeri per 100,	2.00 to 5.00
Galax, green 1000, $1.00; "	.15
" bronze 1000, 1.25; "	.15
Adiantum Cuneatum "	1.00
" Croweanum "	1.50
Leucothoe Sprays "	.75
Smilax per doz., $1.50; "	12.00
Fancy Ferns 1000, 1.50; "	.20
Boxwood per bunch,	.35

Prices Subject to Change Without Notice.
Open 7 a. m. to 6 p. m.
Sundays and Holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St. **Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic** **Chicago, Ill.**

go to the old gentleman for advice as to what we might gain if we went to Washington.

Enclosed is an article from a florist trade paper, which shows the interest by the florist craft.

We should be glad to hear from you upon this important subject.

Yours respectfully,
BENJAMIN HAMMOND.

Committee on Ways and Means.
House of Representatives,
Washington, D. C.
Auburn, N. Y., Nov. 21, 1906.

Mr. Benjamin Hammond,
Fishkill-on-Hudson, N. Y.

Dear Sir: Yours of the 20th inst. received. Congress meets this year December 3, and the term of this congress expires on March 4, giving three months, with the exception of the holidays, for what work we have to do. The time is barely sufficient to give consideration to the appropriation bills which will come up. All would agree it would be entirely impossible to pass a tariff bill.

While you desire but one item of the tariff changed, this could not be considered without taking up the whole subject of tariff revision and considering all the claims for changes to be made to the different schedules. This, of course, is a matter that requires much time and deliberation.

I read with interest your statement in the Weekly Florists' Review. While we imported $54,000,000 of cylinder, crown and common window glass in 1896, and but $18,000,000 in round numbers in 1905, it would appear that our workmen had $36,000,000 worth more of glass to manufacture at the latter date than in 1896. This means, of course, prosperity to the workmen in the glass manufacturing business.

You would readily admit that your business had been much better since 1897 than it was in the three years preceding that year, under the Wilson tariff act, and the year or two before that, when the country was prostrated because of the uncertainty of what the Wilson people might do, for your business must be very dependent upon the general prosperity of the country. It would be well for you to take into consideration whether it is not better to have the country generally prosperous under the present act, which brings prosperity to your business, rather than to restore the glass business to its condition under the Wilson tariff, thereby bringing your business back to the same condition of affairs. I only throw out this suggestion for your consideration, because when the subject of tariff revision is taken up, I shall hope to hear from the florists on this subject.

Yours very truly,
SERENO E. PAYNE.

CHICAGO.

The Great Central Market.

November has without doubt been a disappointment to most of the trade in Chicago, both wholesalers and retailers. The middle of the month saw a greater depression in the wholesale market than is usual at the height of the chrysanthemum season, and the light demand continued right up to Thanksgiving. While great quantities of stock were moved, and in some lines prices were high, still the volume of business for November does not exceed that of last year. And Chicago is so accustomed to steadily and rapidly increasing volumes of sales that a halt in the advance is something in the nature of a shock.

For a full fortnight before Thanksgiving shipping trade was less than usual at this season and a long period of disagreeable weather, which killed street sales, had much effect upon the city stores that depend upon transient trade. The high class stores, catering to the best society business, are almost the only ones which did not feel the slackening of business during the month.

What the cause or causes may have been is hard to say. In every line of business in Chicago great activity prevails and throughout the country prosperity is at a higher level than in any previous year. It is doubtless merely a combination of circumstances which will shortly give way to normal conditions, and we shall have a rush in volume sufficient to offset the temporary slackening in pace.

Thanksgiving.

Writing on the eve of Thanksgiving, no more than a general summary of the trade is possible, but it seems quite evident that the business for Thanksgiving has not exceeded that of last year, although it must be taken into account that last year's Thanksgiving demand was exceptionally heavy. The prediction that supplies of stock would be ample has been thoroughly justified. Monday the market was heavily loaded with stock. Most of it was held at the increased prices anticipated for Thanksgiving. However, the day did not prove to be more than a normal Monday with most houses, city buying not being in evidence, for the retailers foresaw a break in prices. Monday night found the market far from cleaned up.

Tuesday was the big shipping day and the volume of business was large, nearly all good stock being well cleaned up. The weather for several days has been unfavorable to stock and complaint is anticipated because of the softness of stock, especially carnations, which were not of average shipping quality.

Wednesday morning round the market heavily supplied, a part of the stock being carried over from Tuesday, and shipping demand being over there was a weakening in prices, most apparent on carnations. Fair stock broke to as low as $2 per hundred where the buyer would clean up the lot. Receipts of violets were light.

The supply of chrysanthemums has been something tremendous, many thousands of small Bonnaffons being sold at moderate prices. The principal white was Timothy Eaton, and the supply was so heavy that really grand flowers went to the Greeks at almost their own figures. There were abundant supplies of roses in all departments, but really good stock

Artificial Poinsettias

THE "HIT" OF THE SEASON

WE are offering a genuine imitation of this favorite **CHRISTMAS FLOWER,** useful in connection with the decoration of Holly, Evergreen, Magnolia and Laurel Wreaths, etc. Also makes an extremely attractive window display. $2.50 per dozen. Special quotation for quantity. **We Mail a Sample for 25 cents.**

HEADQUARTERS FOR

Bouquet Green (we have it), Evergreen Wreathing, Fancy, Well Berried Holly, Holly Wreaths, Immortelles, Cape Flowers, Etc.

Complete Illustrated Price List for the Asking. Catalogue Free.

E. F. WINTERSON CO.

45-47-59 Wabash Avenue, CHICAGO

Mention The Review when you write.

cleaned up well, for much of it was soft and Maids were decidedly off color.

In the carnation market receipts proved ample. The growers had been holding them for the extra prices and buyers were reluctant to pay the big money asked in advance; consequently the large orders which usually go out were missing, and no doubt growers will be disappointed with the average returns. It is undoubtedly the fact that if the price of carnations is forced too high it simply serves to shut off the business.

The results with violets go to prove the truth of the old assertion that many times the price is higher a week before a holiday than it is at the holiday itself. Last week the market was strong on violets, but it had weakened by Monday. The retailers did not buy as heavily as usual, remembering the time when they had violets left and preferring that the wholesalers should have the experience this time.

There has been little change in any other item of stock this week. Valley, however, has shown a reversal of form. A week ago money would not buy it, and this week it commands scarcely any money. A large supply is available.

Various Notes.

The E. F. Winterson Co. received a carload of green last Friday and on Monday put a force of girls at work making wreathing.

At E. H. Hunt's W. E. Lynch says the quality of the red winterberries for this season is exceptionally good. There has just begun to be a demand for this specialty.

Cattleyas are exceptionally scarce and have advanced in price. McKellar is receiving a large variety of other orchids, some beautiful things among them. Dendrobium formosum, white with yellow throat, is being used by the leading retailers in the absence of cattleyas, and a large supply is available.

James Hain, on West Fifty-first place, thinks well of The Queen as an early white chrysanthemum. It is not a new kind, but with him has for several years been a money-maker, surpassing most of the new kinds he has bought. As he grows it it is a fine, large flower without a spot of yellow center and with fine, stiff stem. It is a good keeper and shipper.

Frank Beu has been cutting pompon chrysanthemums in considerable quantity. They are grown four or five flowers to the spray and are bunched in fifties. Mrs. Beu, who does the selling at the market, says they have gone like hot cakes at $1 per bunch.

The George Wittbold Co. reports an excellent wholesale business for the last couple of months. They have no salesmen on the road, depending exclusively on trade paper advertising for their business.

Peter Reinberg is one of the committee of the city council sitting to hear the franchise claims of the two rival telephone companies. It has thus far been a windy conflict, with apparently little progress.

Jensen & Dekema have been cutting some fine chrysanthemums. Space will now be used for propagating carnations.

The building of the new skyscraper at the corner of Monroe and State streets has had a disastrous effect upon the trade of the several stores just east on Monroe street. J. C. Bruchner could not stand the strain, but M. Smith will see him through to the completion of the building and the reopening of the street, when trade will no doubt again be good with him.

B. Abrahamson, formerly at 343 W. Taylor street, is now at 156 Blue Island avenue.

John Zech says that his shipping business for the Tuesday preceding Thanksgiving day was more than double what it was for the same day a year ago. It is the second year for Zech & Mann.

Bassett & Washburn have a considerable number of rose cuttings in the sand.

N. J. Wietor has shaved his mustache. He refers to it as "an operation." He says that Wietor Bros. will not sell chrysanthemum stock plants this fall, reserving all the stock of the newer varieties for propagation for next spring, when they expect to do a record-breaking business in chrysanthemum cuttings.

F. F. Benthey, of the Benthey-Coatsworth Co., says he wishes they had a couple more houses of Killarney rose. It pays them better than any other variety, and that is saying a great deal when it is stated that Bride brought them 96 cents per plant last year. John Poehlmann, of the Poehlmann Bros. Co., also says a good word for Killarney. They sold the best of this variety at 15 cents each for Thanksgiving.

George Reinberg grafted some 30,000 Brides and Maids last season and is well pleased with the result.

Vaughan & Sperry say that shipping trade has not been up to their expecta-



CURRENT PRICES OF

WIETOR BROS.

51 Wabash Ave., Chicago

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00 to $6.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	1.50
12-inch stems	1.00 to 1.25
Short stems	.75

LONG STEMS	Per 100
Kaiserin, Bride, fancy	$6.00 to $8.00
" " good	4.00 to 5.00
Bridesmaid, fancy	6.00 to 8.00
" good	4.00 to 5.00
Liberty, Richmond, fancy	8.00 to 10.00
" " good	4.00 to 6.00
Chatenay, Uncle John, f'cy	6.00 to 8.00

LONG STEMS	Per 100
Chatenay, Uncle John, good	$4.00 to $5.00
CARNATIONS, fancy	5.00
" good	3.00 to 4.00
	Per doz.
MUMS, fancy	$2.50 to $3.00
" good	1.00 to 2.00

All other stock at lowest market rates. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers**

35 RANDOLPH ST., CHICAGO

ESPECIALLY STRONG ON RICHMOND BRIDE AND BRIDESMAID

CURRENT PRICE LIST

BEAUTIES, extra long	$5.00 per doz.	Richmond	$5 00 to $10.00 per 100
" 30-inch stems	4.00 per doz.	Liberty	4.00 to 8 00 per 100
" 24-inch stems	$2.50 to 3.00 per doz.	Bride and Maid	4.00 to 8.00 per 100
" 18-inch stems	2.00 to 2.50 per doz.	Killarney	4.00 to 8.00 per 100
" 15-inch stems	1.50 per doz.	Gate	4.00 to 8 00 per 100
" 12-inch stems	1.25 per doz.	Chatenay	4.00 to 8.00 per 100
" Short stems	$0.60 to 1.00 per doz.	Uncle John	4.00 to 8.00 per 100
		Carnations	3.00 to 5.00 per 100

Can Supply All Other Stock at Lowest Market Rates. Prices subject to change without notice.

Mention The Review when you write.

tions this month but that city business has been good with them.

A. L. Randall Co. reports receiving requests for its catalogue from a large number of people in the trade whose names are new.

Kennicott Bros. Co. is handling pompon chrysanthemums in considerable quantity.

Bouvardia, an Amling specialty, has gone into some nice work this week.

Phil Schupp, at J. A. Budlong's, says he is well satisfied with the week's business.

H. C. Rowe reports business good. His window is prettily decorated with fancy baskets of greens with a background of fine pink and white mums.

Weil & Price's store in Englewood presents a neat appearance. Mr. Weil reports business good.

Oscar Janitschke, who has a good location at Normal Park, is doing a fine business.

H. Koropp, who about a year and a half ago leased the ground of his present location on North Halsted street, is doing a good business and says future prospects are encouraging.

Stollery Bros. have just received a consignment of palms from Belgium, among which are some fine kentias. A number of funerals on the North Side last week caused an appreciable increase in sales.

THE REVIEW is the florists' best paper. —L. J. BROSEMER, Oswego, N. Y.

KANSAS CITY, MO.—The W. L. Rock Flower Co. issued invitations to a "private flower display" November 21 and 22, and attracted many of the best people in the town.

COLUMBUS, O.—The new plant of the Fifth Avenue Floral Co., on West Fifth avenue, is completed. The company now has ten greenhouses which range from seventy-five to 150 feet in length, and contain 55,000 square feet of glass. C. K. Siebert is president and G. H. Woodrow secretary and treasurer. F. D. Siebert is general manager.

UTICA, N. Y.

Club Exhibition.

The Utica Florists' Club had its annual banquet in Elks' hall November 22. An attractive feature of the entertainment was the exhibition of flowers made in the large assembly hall. Here were three large tables filled with vases. These were mostly chrysanthemums, although roses and carnations were not lacking. The display was a fine one. Many of the exhibits had been sent from a distance.

The largest exhibitor was the Lake View Rose Gardens, Jamestown, N. Y., which was represented by a large collection of chrysanthemums, six blooms of each, and a number of carnations.

John E. Haines, of Bethlehem, Pa., showed Imperial and Pink Imperial carnations in pleasing form.

Charles H. Totty, of Madison, N. J., sent a fine display of pompon and single chrysanthemums.

F. R. Pierson, Tarrytown, N. Y.,

MEDIUM AND SHORT

Buyers whose trade does not call for extra long, select stock will please remember that no matter how high a grower's average quality may be, a certain part of the cut is bound to be medium to short. Our reputation for producing the best stock in the West is so well established that buyers naturally come to us for Fancy, but some forget that we are equally well able to supply their less exacting needs; in fact, we have an especially attractive proposition for regular buyers of medium grade stock. Write us about it.

CURRENT PRICE LIST. Subject to Market Change.

American Beauties

Extra select, long,	$5.00 to $6.00	per	doz.
24 to 30 in. stems,	3.00 to 4.00	"	"
15 to 20-in. "	2.00 to 2.50	"	"
Short "	1.00 to 1.50	"	"

Maid, Bride, Killarney, Chatenay.

	Per 100
Extra long, select	$8.00 to $10.00
Select	6.00 to 8.00
Medium	4.00 to 6.00
Short	3.00

RICHMOND.

	Per 100
30 to 36-in. stems,	$15.00
Select	$8.00 to 10.00
Medium	5.00 to 6.00
Short	3.00 to 4.00

PERLES, GATES, JOHNS, SUNRISE.

	Per 100
Extra long, select	$6.00 to $8.00
Select	5.00 to 6.00
Medium	4.00
Short	3.00

CARNATIONS.

Extra Select, all Varieties.	$6.00
Good Grade	$3.00 to 5.00

MUMS

All colors and fancy, doz.,	$3.00 to $4.00
Good medium "	1.50 to 2.50
Small per 100,	6.00 to 10.00
Valley, select	4.00 to 5.00
Lilies per 100,	16.00
Paper Whites " "	4.00
Violets per 100,	$1.50 to 2.00
Stevia per 100,	2.00
Asparagus	50c per string
" Sprays,	35c to 50c per bunch
Sprengeri	35c to 50c per bunch
Smilax	$1.50 per doz.
Adiantum per 100,	$1.00 to $1.50
Ferns per 1000,	1.50

POEHLMANN BROS. CO.

SEND CUT FLOWER ORDERS TO **35-37 Randolph Street**

GREENHOUSES: MORTON GROVE, ILL.
1,000,000 Feet of Glass.
Long Distance Telephone, Central 8573.

CHICAGO

brought a splendid vase of Carnation Winsor.

Alex. J. Guttman, New York, brought Victory, and the Chicago Carnation Co., Joliet, Ill., was represented by Red Riding Hood and Aristocrat.

Among the exhibitors from Utica and nearby towns were W. A. Rowlands, who showed rose-pink Enchantress and roses; George H. Benedict, Yorkville, American Beauty roses; Joseph Traudt, Canajoharie, Gloire de Lorraine begonias; Robert Train, Gloversville, roses; Wm. P. Pfeiffer, Carnation Moonlight; J. C. Graham, Little Falls, Enchantress carnations; E. J. Byam, Rome, carnations; Frank McGowan, a large collection of chrysanthemums; Baker & Co., fine roses.

After inspecting the exhibits the members of the club with their wives and lady friends, making in all a party of eighty, sat down to an excellent banquet. Among those present were Seward Hakes, Theodore Schesh and Jacob Friis, Ilion; J. O. Graham, Little Falls; Joseph Traudt, Canajoharie; J. Kilbourn, Clinton; E. J. Byam, Rome; Robert Main, Gloversville; F. R. Pierson, Tarrytown; P. R. Quinlan, Syracuse, and A. J. Guttman, New York.

Frank J. Baker called to order and said that all felt greatly obligated to the committee which had made so great a success of the show, J. C. Spencer, Wm. Pfeiffer and Frank McGowan.

F. R. Pierson, of Tarrytown, was first called on, and spoke briefly. He said in part: "I have enjoyed my visit immensely. It is a most pleasant feature of horticultural banquets to find ladies present. I came here to spend a few hours and I have visited Mr. Nicholson's place at Barneveld. It is like bringing coals to Newcastle to bring carnations to Utica, for you have the new varieties here."

A. J. Guttman, of New York, said: "I wish to thank you for the handsome way I have been entertained. I enjoyed your beautiful exhibits. I am enthusiastic as a florist, and you can appreciate the pleasure I derive from such a gathering as this. You no doubt enjoy it equally well, or you would not bring these festivities about. It is most pleasant and profitable to attend these festivities. I again thank you."

P. R. Quinlan, of Syracuse, was then called on and spoke entertainingly. He paid his respects to the toastmaster, and spoke of the good times he had had at previous banquets, as well as this. He had enjoyed his afternoon and evening with the boys and the girls as well. He thanked Mr. McGowan for insisting that the ladies be present. He compared the flowers grown today with those grown years ago, and found a great improvement. The happiest days of his life had been spent in the florists' business.

DETROIT.

The Market.

Business has been good. The market remains well cleaned up on roses and carnations, but mums have been a glut all along. Roses are bringing as high as $8 and $10 per hundred for fancy, and scarce at that. Carnations were bringing from $3 to $5 up to Thanksgiving. Chrysanthemums sell at almost any price from $4 per hundred to $3 per dozen. Greens are plentiful, but violets are scarce.

Club Meeting.

A flower show held in connection with the Detroit Florists' Club's last meeting, November 21, attracted an unusually large attendance.

H. Pearce was unanimously elected a member of the club. Leopold Mallest, of Mount Clemens, made application for membership. H. Knope, foreman at J. Breitmeyer & Son's greenhouses, was given a vote of thanks for an excellent paper read by him on the culture and handling of chrysanthemums.

Fred Pantke, of Grosse Pointe, who has been having considerable trouble with the leaf-miner eating the foliage of his mums, was able to show the members where this pest originated. Mr. Pantke had in a small bottle a number of small green flies hatched from the eggs laid by the leaf-miner. The latter, he claims, can be traced back to these flies, the result being that many of the members blame the use of horse manure for the whole trouble.

P. J. Lynch, with the Dingee & Conard Co., of West Grove, Pa., who was present, complimented the club on its fine attendance.

An exhibition of Christmas novelties will be the feature of the evening of December 5.

After adjournment the entertainment committee provided a fine lunch, after which several hours were spent in inspecting the blooms and plants on exhibition, as follows:

Chicago Carnation Co., Joliet, Ill., a

LARGE SUPPLIES

Of ROSES, MUMS and CARNATIONS of all varieties and qualities to suit all buyers. The largest and finest supply of **NEW YORK VIOLETS** in the west; **VALLEY, LILIES, GREENS, etc.**

We are not the oldest house in Chicago; neither are we the youngest, but we are young enough to be very anxious to please the trade, and old enough to know how to fill orders that will satisfy the trade.

WE HAVE THE FACILITIES; MAY WE HAVE YOUR ORDERS?

CURRENT PRICE LIST

Subject to Change Without Notice

AMERICAN BEAUTY,	Per doz.
36 to 40-inch stem	$5.00 to $6.00
20 to 30-inch stem	3.00 to 4.00
12 to 15-inch stem	1.50 to 2.50
Short stem	.75 to 1.00
	Per 100
Brides	$5.00 to $8.00
Bridesmaids	5.00 to 8.00
Kaiserin	5.00 to 8.00
Chatenay, Golden Gate	$5.00 to $8.00
Liberty or Richmond	5.00 to 10.00
Carnations, good	3.00 to 4.00
" fancy	4.00 to 6.00
Chrysanthemums, fancy....per doz.	3.00 to 4.00
" " medium "	1.50 to 2.50
" " small	8.00 to 10.00
Violets, single	1.00 to 1.25
" double	1.50 to 2.00
Valley	3.00 to 5.00
Harrisii Lillies	15.00 to 20.00

	Per 100
Callas....per doz. $2.00	
Asparagus....per string, 50c	
" Sprengeri....per bunch,	$0.35 to $0.50
" Plumosus, per bunch	.35 to .50
Galax, green....per 1000, $1.00;	.15
" bronze.... " 1.25;	.20
Adiantum	1.00
Leucothoe Sprays	.75
Smilax....per doz., $1.50	15.00
Fancy Ferns....per 1000, 1.50	.20
Box Wood....50 lb. case, $7.50	
Wild Smilax....50 lb., $5.00	

ROSES, Our Selection, $4.00 per 100.

VAUGHAN & SPERRY, 58-60 Wabash Ave., L. D. Phone Central 2571 **CHICAGO**

BEST ROSES

FIRST ON 100 MAID, FIRST ON 100 KILLARNEY, SECOND ON 100 BRIDE

Three Entries in the classes for 100's at Chicago, where quality of all exhibits was high and **Three Awards**

CURRENT PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Specials	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25

ROSES—	Per 100
Maids and Brides	$5.00 to $ 8.00
Maids and Brides, specials	10.00
Liberty	5.00 to 10.00
Richmond	5.00 to 10.00
Killarney	5.00 to 10.00
Chatenay	5.00 to 8.00
Uncle John	5.00 to 8.00

Carnations	per 100,	$4.00 to $ 6.00
Chrysanthemums	per doz.,	.75 to 4.00
Valley	per 100,	3.00 to 5.00
Violets	"	1.50 to 2.00
Callas	"	18.00
Longiflorum	"	18.00
Asparagus	per string,	.35 to .50
Smilax	"	.15
Common Ferns	per 1000,	1.50

The Benthey-Coatsworth Co.

35 Randolph Street, CHICAGO

vase of Aristocrat and vase of Red Riding Hood carnations, arrived in fine condition.

E. G. Hill Co., Richmond, Ind., a shipment of mums which arrived the morning after the exhibition. It included Golden Dome, John Macrae's sport from Yellow Eaton.

J. M. Dickson, of Northville, Mich., showed a fine vase of Bonnaffon and Chadwick.

A. J. Stahelin, of Greenfield, Mich., showed a fine vase of Arline; Dr. Enguehard, exceptionally fine; Weeks and other mums.

A. B. Lewis, of Pontiac, Mich., who is one of the regulars now, was on hand with a fine assortment of fifteen varieties. White Bonnaffon is his favorite. Mr. Lewis has a white sport of Maud Dean which made quite a hit.

Mr. De Carteret, of Grosse Pointe, Mich., showed some well grown mums.

H. Smith, of Grosse Pointe, had twelve varieties of mums, all fine blooms, including a grand yellow variety, Gold Mine.

J. E. Smith, of Wyandotte, Mich., attracted an unusual amount of attention with some beautiful large white chrysanthemum blooms, of a fine incurved shape and elegant stem. They are seedlings of Mr. Smith's from an old variety known as Moonlight. Some good pink and white sweet peas were also brought from Wyandotte.

Fred Pantke, of Grosse Pointe, staged a most creditable vase of fifteen varieties of mums.

A. N. Von Boeselager, of Mount Clemens, elicited favorable comment with three vases of carnations. A pink sport of Lawson, about the shade of Joost, originated by Mr. Von Boeselager, looks as though it may have a bright future. His fine red seedling from a cross between Harlowarden and Enchantress, and a vase of white known as Moonlight, were good.

J. Breitmeyer's Sons had by far the largest exhibit. In chrysanthemums they had about fifteen vases of different varieties, the most noticeable being Mrs. Winkley Smith, a beautiful yellow-bronze. They also had a fine lot of roses grown under Fred Breitmeyer's supervision. A vase of Killarney with unusually long stems would have made any Irishman proud.

Robert Klagge, of Mount Clemens, resorted to roses for his display. His Maids and Richmonds were fine, but a vase of about twenty-five La Detroit, with stems and flowers the size of a good American Beauty loomed above every other rose in the room.

Beard Bros. showed some nicely grown mums, also some fine Jerusalem cherry plants.

J. F. Sullivan, though not the largest exhibitor, did much credit to the space occupied with a number of vases of mums.

B. Schroeter was on hand with a fine vase of his Rose-pink Enchantress, which received much favorable comment.

The Park and Boulevard Commission did itself proud with a fine exhibit of some standard mums and a large collection of new and rare plants.

Various Notes.

The Wright Floral Co., of Ottawa, Canada, W. W. Hay, manager, called on the Michigan Cut Flower Exchange for

WILD SMILAX

NOW ON HAND and will be in continuous supply the rest of the season. **Large cases, $5.00;** small cases (Parlor Brand), $3.00. Fine stock.

MUMS, All Sizes

CARNATIONS, getting much better. Medium, $2.00 to $2.50 per 100; fancy, $3.00 to $5.00 per 100.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph St. CHICAGO

CURRENT PRICE LIST

American Beauties	Per doz.
Long	$5.00 to $6.00
Select	3.50 to 4.00
Short to Medium	2.00 to 3.00
	Per 100
Kaiserin	$5.00 to $8.00
Bride, Bridesmaid	5.00 to 8.00
Richmond, Liberty	5.00 to 10.00
Chatenay	5.00 to 8.00
Gate	5.00 to 8.00
Mums....doz., $1.25 to $3.00	
Harrisii....doz., $2.50	20.00
Violets	1.25 to 2.00
Valley	2.00 to 5.00
Asparagus....per string	.35 to .50
Sprengeri....per 100,	2.00 to 4.00
Galax, green....per 1000,	1.25
" bronze ....per 1000,	1.50
Boxwood....per bunch,	.35
Leucothoe....per 100,	.75
Ferns, per 1000, $1.50; per 100,	.20
Adiantum....per 100,	.75 to 1.00
Smilax....per doz.	1.50

Subject to change without notice.
Packing and delivery at cost.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

Headquarters

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

WEEKLY PRICE LIST

ORCHIDS, a specialty.	Per doz.
Cattleyas	$6.00 to $7.50
Dendrobium Formosum.	4.00 to 5.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy..	5.00 to 6.00
24 to 36-inch stems	3.00 to 4.00
15 to 24-inch stems	2.00 to 2.50
8 to 12-inch stems	1.00 to 1.50
	Per 100
Bride, Maid, Perle, Sunrise	$5.00 to $8.00
Chatenay, Gate, Kaiserin..	5.00 to 8.00
Liberty, Richmond	5.00 to 10.00
Roses, my selection	4.00
Carnations, large fancy...	5.00 to 6.00
Medium, good stock	3.00 to 4.00
Valley	3.00 to 4.00
" special	5.00
Chrysanthemums, fancy..	25.00
" good	15.00 to 20.00
" small	8.00 to 12.00
Violets	1.50 to 2.00
Mignonette	4.00 to 6.00
Harrisii and Callas	15.00 to 20.00
Smilax strings....per doz.,	1.50
Asparagus Strings...each,	.40 to .50
Asp. Plu., Sprengeri, bunch,	.25 to .50
Adiantum....per 100,	1.00
Ferns, Common...per 1000,	1.50
Galax, Green..... "	1.00
" Bronze..... "	1.50
Leucothoe Sprays per 100	.75
Wild Smilax, case, $3.00, $4.00, $5.00, $6.00	

SUBJECT TO MARKET CHANGE

Mention The Review when you write.

orchids and violets for the opening of Parliament.

The first shipment of Rose-pink Enchantress was packed by B. Schroeter's men this week. Orders for upwards of 100,000 cuttings have been booked to date.

Among the visitors last week were: A. J. Young, with A. P. Schultz & Co., Milwaukee, Wis.; Henry Kalben, with Bobbink & Atkins, Rutherford, N. J.; A. F. Longren, with the Chicago Carnation Co., Joliet, Ill. H. S.

MURPHYSBORO, ILL.—Business was dull early in November, but Claude Wisely says trade picked up nicely as Thanksgiving approached.

TOPEKA, KAN.—Hiram Hulse contemplates giving up his greenhouse business and intends to move to Mankato, Jewell county, to look after his farm and orchard.

ATLANTA, GA.—Miss Gertrude Blair, formerly at Des Moines and for the last couple of seasons with the Livingston Seed Co., Columbus, O., as decorator in the cut flower department, now is with the Atlanta Floral Co.

BOSTON.

The Market.

The close approach of Thanksgiving has had the usual effect of stiffening values. An abundant supply of chrysanthemums has been forthcoming since our last report. Among other sorts in addition to those previously named are Gold Mine, Chadwick and some fine Jeanne Nonin. The supply of these flowers will probably last until Christmas, but they will not cut much of a figure after the present week.

Carnations are now coming of much finer quality, stems twenty-four to thirty inches long being seen in some cases. As usual, red are in best demand and whites the least sought after. Roses are also of excellent quality. Beauty, Liberty and Richmond have stiffened in price, but other kinds have not made much advance.

Violets have held at the dollar mark for a few days. The big football games caused a run on these and crimson flowers November 24. A good supply of Campbell is arriving, but these do not sell so well as the singles, which quite outclass them in size, color and length of stem. Callas are scarce and a small supply of Easter lilies is arriving. Scarlet bouvardia has sold well, pink and white more slowly. Paper Whites are not arriving plentifully as yet. Lily of the valley at the commission houses is of good quality and sufficient for all requirements. Green stock remains about the same.

Various Notes.

The chrysanthemums shown at the last club meeting by Duncan Finlayson were grown in 9-inch pots, each pot being allowed to carry from six to ten flowers. These were almost equal to exhibition flowers and this method of culture should commend itself to many who cannot spare benchroom in summer. Mr. Finlayson's pots are kept outdoors all summer.

James Munroe, a well-known Beverly gardener, died on November 22, after a long illness, at the age of 78. Deceased was employed by Amory A. Lawrence, a well-known summer resident.

John Macrae's new sport from Yellow Eaton chrysanthemum was exhibited at the Park street flower market Novem-

CHATENAY

On which we won First for 100 at the Chicago Show

NOW IN HEAVY CROP

Also large cuts on of Beauties, Chatenay, Mrs. Marshall Field, Bride, Maid, Uncle John and Carnations

....PRICE LIST....

AMERICAN BEAUTIES	Per doz.
Extra Select	$5 00 to $6 00
24-30-inch stems	3 00 to 4 00
15-20-inch stems	2 00 to 2 50
Short stems	1 00 to 1 50

	Per 100
Mrs. Marshall Field	$8 00 to $15 00
Richmond	5 00 to 10 00
Liberty	5 00 to 10 00
Chatenay	$5 00 to $10 00
Bridesmaid	5 00 to 8 00
Bride	5 00 to 8 00
Perle	3 00 to 6 00
Sunrise	5 00 to 8 00
Uncle John	5 00 to 8 00

	Per 100
Golden Gate	$5 00 to $8 00
Roses, our selection,	$4
CARNATIONS	$4 00 to $ 5 00
CHRYSANTHEMUMS—	
Fancy....per doz.,	$3 00 to $4 00
Good....per doz.,	1 50 to 2 50
Small....per 100,	8 00 to 10 00

Subject to change without notice

PETER REINBERG

51 Wabash Ave. **1,200,000 Feet of Glass** **CHICAGO**

Mention The Review when you write.

A. L. RANDALL CO.

WHOLESALE CUT FLOWERS

Well Selected Stock---Reasonable Prices---Fair Treatment

Florists' Supplies .·. A Complete Line

We want to fill your order for Christmas—both Staples and Novelties. If you cannot come and make selection from our large, well chosen stock, send for our new, FULLY ILLUSTRATED CATALOGUE. It is free.

19-21 Randolph Street, **CHICAGO**

Mention The Review when you write.

ber 24 and was greatly admired. The name, Golden Dome, is an appropriate one.

J. T. Butterworth had a splendid lot of Cattleya labiata for Thanksgiving, many carrying six flowers to a sheath and a few seven. Mr. Butterworth is hard to beat as a cattleya grower and is not far behind with other orchids.

The Boston Sunday Herald devoted a page of its issue of November 25 to an interesting illustrated account of the Harvard Botanic Gardens, over which Robert Cameron presides.

Mann Bros. are among the few growers now marketing Easter lilies. They also have Paper Whites and Romans of fine quality.

The Princess of Wales violets William Sim is bringing in this season appear to be of even finer quality than former years, which is saying a good deal, but the best is none too good for Mr. Sim.

All the seed stores are practically sold out of Dutch bulbs and sales have far exceeded those of former years.

The landscape gardening classes, organized by the Gardeners' and Florists' Club, are proving a great success. Many of the leading florists and gardeners in the vicinity of Boston are members, in addition to the younger men. An increasing number of calls for this class of work is being made on florists and the course of class studies and field days will better equip them for the successful carrying out of this branch of their business.

N. F. McCarthy & Co. will dispose of the greenhouses of the late W. A. Bock, of North Cambridge, at public auction, on November 30, by order of the guardians of the legatee.

Weather remains unusually open for the end of November. Lawns in many places are dotted with dandelions in bloom. Violets and pompon chrysanthemums are also still flowering outdoors.

Among other seedling carnations S. J. Goddard has a white one raised by J. H. Cushing, Quidnick, R. I., which is promising.

Ernest Wild's many friends are pleased to hear of the advent of a ten-pound daughter to his household November 20.

Alexander McKay, of South Framing-

POINSETTIAS Long Stem, Good Flowers $25.00 to $40.00 per 100

WHITE VIOLETS $2.00 per 100

BOUVARDIA, SWEET PEAS, CYPRIPEDIUMS

HOLLY, $4.50 per case. BOXWOOD, $15 per 100 lbs.

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

ham, who is a comparatively new commercial grower, is producing some splendid carnations this season, which Welch Bros. are handling for him.

W. W. Rawson & Co. intend to make dahlias a big specialty and have booked heavy orders for next season. They will offer some fine novelties raised by A. E. Johnson, of Brockton. W. N. Craig.

PHILADELPHIA.

The Rising Eastern Market.

The business during the last week was erratic, some days good, while others were a bit draggy. The quality of the stock is improving, and from now on will move in a lively fashion, as this week will see most of the chrysanthemums out of the way, excepting some of the large later varieties. Beauties are none too plentiful, and in fact all kinds of roses have shortened up in supply, and will average much better in price. Richmonds are getting much better, and from now on the indications are that the demand will keep pace with the supply. The two games of football which will be played in this city will no doubt benefit the violet market, and there probably will be a great demand for them. It is wonderful what a difference these games make in the demand for these flowers. Orchids, when not bruised, are selling well, and the local supply is good. Green stuff is moving off much better, there being a good demand for spray bunches of plumosus. A limited amount of holly is used for Thanksgiving, and is fine. Carnations are getting better, and are advancing a little in price, and will no doubt clean up much better this week. Gardenias are still scarce, there being not enough to go around. Stevia and bouvardia have increased in quantity and are moving nicely.

An Important Move.

The street has been aware for a year or so that real estate men were vying with each other in their efforts to induce H. Bayersdorfer & Co. to move their establishment to some one of the large buildings situated in the heart of this city, between the two great railroad terminals. This arrangement was completed some months ago, the property selected being the large, five-story building at 1129 Arch street, which is one square from the Reading terminal and three squares from Broad street station. Improvements have been in progress ever since, not merely repairs, but improvements of the most modern character—electric lights, steam heat, passenger and freight elevators, fire sprinklers, showroom skylights and a well arranged office being especial features.

The entire establishment—warehouse, factory and salesrooms—were moved last week to the new quarters, and business is now going on with a degree of precision and dispatch that make one wonder at the executive ability that can keep the wheels running smoothly during a great removal. The ground floor, finished in oak, contains on the right the offices, on the left showcases filled with choice wreaths and metallic designs, broadening further back into two aisles bordered by three rows of showcases

..Removal Notice..

H. BAYERSDORFER & CO.

PHILADELPHIA, PA.

THE Florists' Supply House of America,

beg to announce to their patrons and the trade their removal into new, spacious and up-to-date quarters occupying the entire building at

1129 Arch Street,

where with most modern facilities and increased working force, they will endeavor to still further improve their already well established record for promptness and reliability. When in Philadelphia stop in. Make the new centrally located store your headquarters. Always welcome.

Mention The Review when you write.

You Know We Moved to 125 North 10th Street

In our large building. We can supply you with all Christmas goods, such as

Cycas, Magnolia Wreaths, Bells, Immortelles

Etc. Keep your "I" on the Enterprising Florists' Supply House of

J. STERN & CO., 125 N. 10th St., Philadelphia, Pa.

Mention The Review when you write.

LARGE SUPPLIES FANCY STOCK

There is no house better able or more anxious to serve your interests

BEAUTIES, long .....$3.00 to $5.00 per doz.
BEAUTIES, medium.....$1.50 to $2.50 per doz.
BEAUTIES, short.....75c to $1.25 per doz.
ROSES ..... $3.00 to $8.00 per 100
MUMS .....75c to $3.00 per doz.

VIOLETS.....$1.50 to $2.00 per 100
CARNATIONS .....$2.00 to $5.00 per 100
FERNS.....$1.50 per 1000
BOXWOOD.....35c bunch; $7.50 per 50-lb. case
Winterberries ..$3.00 per case; extra fancy, order now

Established 1078—Incorporated 1906

E. H. HUNT, 76-78 Wabash Avenue, CHICAGO

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PITTSBURG CUT FLOWER CO. Ltd.

HEADQUARTERS FOR

BOXWOOD, MISTLETOE and Pennsylvania Fancy Green Sheet Moss

222 Oliver Ave., PITTSBURG, PA.

Mention The Review when you write.

lighted by skylights from the floor above. The elevators are further back and at the rear is the shipping department, opening on a little street, an indispensable requirement. The second floor is an immense basket showroom and warehouse. The third is filled with other stock, including many cases of immortelles and other staples. The fourth floor is the factory and workshop. The fifth is the roof paintshop and drying rooms. A large basement provides additional valuable space.

Various Notes.

Jacob Becker's new place, Forty-ninth and Chestnut streets, was damaged by fire last Monday morning to the extent of $2,000. The fire is thought to have originated in the boiler shed, doing considerable damage to a house of Killarney and Franz Deegen. Mr. Becker is widely known as a successful pot rose grower, and the trade will be sorry to learn of his loss.

W. Faust, of the William Graham Co., is laid up with typhoid fever. His friends hope for his speedy recovery.

William J. Baker is receiving some fine smilax, which is creating quite a demand.

Thomas W. Baylis, of Westgrove, Pa., is sending in some fine chrysanthemums, notably white and yellow Eaton, Minnie Bailey and Major Bonnaffon, to John McIntyre.

The Floral Exchange is sending some Brides, Maids and Gates of good quality to Eugene Bernheimer. He is also receiving some good Boston Market, Killarney and Chatenay from J. L. Reuter.

The boys are all wondering why William Stevens, John Burton's salesman, does not pass around the cigars. They think a ten-pound boy is surely worth it.

Joe McCormick, formerly with Eugene Weiss, is now located with Julius Wolf, 1617 North Nineteenth street.

B. Eschner, of M. Rice & Co., has just returned from an extended trip through the west and reports the country in a most prosperous condition. The florists, as a rule, say that the season so far has been the best they have had in years, taxing their facilities to get through with orders booked. The demand for red goods has been exceedingly large.

Through an unfortunate delay in transmission the removal notice of H. Bayersdorfer & Co. was too late for last week's issue. M. Rice & Co. have the credit of being the first supply house to locate in the zone lying between the two great terminals. This will be the great supply district of the whole country.

Myers & Samtman have their place in fine condition. Their crops promise well through December and January, the new house being especially heavy. Their entire place is planted in Beauties, with the exception of one bench of their new rose.

Henry A. Dreer Co. is busily engaged distributing azaleas. The stock is exceptionally well budded this season.

Holly is being freely offered this Thanksgiving, a November novelty, so to speak.

A. Farenwald, of Roslyn, is pushing the plants in his new Richmond range in great style. He was late in getting heat on the houses, but is now being rewarded with a profusion of bottom breaks.

John Curwen, of Berwyn, has been cutting some nice chrysanthemums in his new house, 14x70. Violets follow. PHIL.

THE NEW WHOLESALE HOUSE OF ST. LOUIS

WILLIAM C. SMITH & CO.

1316 Pine Street, ST. LOUIS, MO.

WHOLESALE DEALERS IN EVERYTHING FOR FLORISTS

Consignments Solicited

Shipping orders promptly attended to. Both long distance phones. Supplies and everything in season always on hand. A trial consignment will convince you that

WILLIAM C. SMITH & CO.

ARE ALL RIGHT

Mention The Review when you write.

ST. LOUIS.

The Market.

The business last week among the retailers was reported good all over the city. Transient trade especially was good, also funeral work. A number of large weddings and dinners were pleasing to the florists in the fashionable district. The wholesalers also have done business. Shipping trade has greatly improved. Stock of all kinds has been quite plentiful, with prices not so high. Thanksgiving day prices went into effect November 26.

Chrysanthemums still come in plentifully in all grades. Extra fine Eaton, Appleton, Ivory and Bonnaffon were in last week. Carnations are fine. The fancy stock is selling out clean. Lady Bountiful and Enchantress have a great call. Roses are much improved in quality. Beauties are somewhat scarce. Smaller roses are plentiful, with prices low. November 26 prices went up on all grades. Violets are in big demand. California is the only variety coming in. Bulbous stock is scarce; nothing in the market but a few Paper Whites. Stevia is selling well. Plenty of good smilax and other greens are to be had.

Various Notes.

Mr. and Mrs. W. J. Vesey, of Fort Wayne, Ind., spent November 23 in the city and were guests of Miss Tillie Meinhardt. Mr. Vesey is on his way to Mexico with a party of friends. Mrs. Vesey returned home the next day.

J. F. Ammann and his foreman, Henry Blixen, of Edwardsville, were in the city November 23 viewing the carnation exhibition at Kuehn's.

Charles L. Connon has opened a flower stand at the Grand Leader, one of our largest department stores. He says business is good.

L. N. Van Hook, who has his place at Ferguson, Mo., is sending in a fine lot of California violets daily.

George Angermueller is again at his post, having recovered from his illness.

Smith & Young, of Indianapolis, are sending to this market fine Bride roses, also first-class Maids.

W. C. Smith & Co. have bought out the wholesale establishment of Frank M. Ellis and will continue the business at the old stand, 1316 Pine street. Mr. Smith is well liked among the local trade and should make a success from the start. F. M. Ellis will return to Panama to look after his banana plantation.

Henry Ostertag has been on a hunting trip and returned well loaded with game, and is now out working hard on subscriptions for the flower show fund.

November 23 Charlie Kuehn gave the growers a treat by giving them a look at new varieties in carnations. The exhibition was fine. Among the varieties seen were Bonnie Maid, Red Chief, White Perfection, Red Riding Hood and Aristocrat. Nearly all the local growers viewed the exhibition.

Next Monday night, December 3, the florist bowlers will meet at the new De Soto bowling alleys. Numbers 7 and 8 on the third floor have been reserved for them every Monday night.

The officers of the Florists' Club met in the parlor of the Hotel Rozier November 22. The object was to outline a program for the next meeting of the club and to discuss plans with the flower show committees regarding the big guarantee fund. The officers met at the same place November 27. J. J. B.

I made a trip last week to H. J. Weber & Sons' nursery to see their two modern rose houses, erected about eighteen months ago. I found Walter Weber in charge. The roses were the picture of health, much improved as compared with last year's stock. Most varieties were off crop, but Mr. Weber said he had been cutting quite heavily until recently, more especially of Killarney, which certainly is a great producer. The Perles were the best of all, a regular mass of blooms and buds. I was thinking that if the Perle king, the amiable and redoubtable Fred Ammann, could have the chance to exhibit against this stock it would make even him go some to beat such blooms. I felt quite envious of Mr. Weber, with such great advantages, viz.: good houses and such a fine location, away from the smoke-impregnated air of the city that I have to contend with in trying to grow good roses in the oldest rose houses in St. Louis—sixteen years old. I find it almost out of the question to produce No. 1 stock any more.

F. J. Fillmore.

Silver City, New Mex.—Miss Kate Crawford has completed a new greenhouse of Foley manufacture. The heating is done by a Clow hot-water heater and all arrangements are of the latest type. Miss Crawford has been in the business only about a year but her success has been gratifying.

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$6.00
24 to 30-inch stem	"	5.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Short stem	"	.75
Bride, Bridesmaid	per 100,	$4.00 to 8.00
Chatenay	"	4.00 to 8.00
Meteor	"	4.00 to 10.00
Carnations	"	3.00 to 5.00
Mums	"	6.00 to 20.00
Valley	"	3.00 to 4.00
Violets	"	1.00 to 1.50
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

NEW YORK.

The Market.

The weather continues most unseasonable, almost a summer temperature prevailing. Its effect on the wholesale market may be imagined. Values have receded and the general mental condition prevailing on Saturday and Monday was not at all optimistic. Beauties, however, have held steady and prices are satisfactory. The flood of chrysanthemums has been too much for the market to assimilate and all varieties of cut flowers feel the weight of the depression. The horse show has lost its pull. It is no longer a consideration. Peace to its ashes. It was quite a friend in the years gone by. The orchid crop is lighter as the days grow shorter and the flower is getting so popular there soon will not be enough to go around, I fear. Plenty of lilies and valley. Roman hyacinths are here and narcissi of splendid quality. Richmond and Killarney roses are as popular as ever.

The retailers all seem to be busy and their windows are unique. Some interesting novelties appear. Small had some fine Whitmani ferns and choice Begonia Gloire de Lorraine. Warendorff had beautiful baskets. Bowe has added to his forces and keeps a very attractive window. Van Pragg's two stores are always beautiful.

Various Notes.

Asked for a description of some of his latest work, Myer, at 609 Madison avenue, said: "Recently I was called upon to furnish unique table decorations for dinners given to Sir Thomas Lipton, Sir Purdon Clarke and Count Von Gerster, by a society lady who will be nameless for obvious reasons. At two of them I used a 24-inch round brass wire design, each circle a little higher to the center, which was the apex. Around the circles was twined Farleyense fern, and glass tubes filled with water were placed at short distance, each containing cattleyas and valley, producing a dainty, fairy-like effect, and one that would be durable and lasting during a prolonged sitting. At the third function the wire design was oval, 36x24 inches, with similar floral decoration. The designs were made by Reed & Keller."

Alexander J. Guttman again visited John E. Haines, of Bethlehem, Pa., last week, and is satisfied that the two new carnations, Imperial and Pink Imperial, will prove to be valuable acquisitions; and he has arranged with Mr. Haines to disseminate these two varieties this season. Imperial is a variegated variety, with delicate pink ground sprinkled with deeper pink, and Pink Imperial is a Lawson shade pink of great promise.

Luis F. Carrillo, of Carrillo & Baldwin, Secaucus, leaves December 1 to spend six months in South America collecting orchids, his firm having booked quite a few large orders.

The regular meeting of the stockholders of the Cut Flower Exchange will be held Saturday, December 1, in the Coogan building. It is proposed to increase the directorship to fifteen.

Frank Millang is again at his desk, his broken ankle healed and his natural force unabated.

The Geller Florists' Supply Co. has moved into the store at 110 and 112 West Twenty-sixth street, where there will be ample space for its increasing business. The ground floor and basement each are 45x90 feet, and height, light and facilities are all that can be desired. The location is ideal, close to the wholesale cut flower market and the Coogan building. The company has secured a long lease and is ready for business at the new stand.

James McManus reports orchids scarce and prices advancing. Out of town orders for Thanksgiving were large and from all the big cities.

William Jurgens, of Newport, was in the city Saturday.

The horse show is over. Less than ever its influence was noted. It was not like the old days, when violets were a necessary addenda to the costumes and diamonds.

Reed & Keller report a big demand for their cycas leaf holders from every part of the country. The shipments of novelties for the Thanksgiving trade were beyond their expectations.

The electric light service of Hicks & Crawbuck, Brooklyn, was put out of commission and caused a fire alarm one evening last week, but no serious blaze resulted. The wholesalers of Brooklyn report a light demand for violets. General trade, however, is excellent, and all the retailers seem to be busy and prosperous.

A. J. Guttman attended the banquet of the Utica Florists' Club last week and speaks enthusiastically of its hospitality.

The New York Florists' Club will hold its final session for the year Monday evening, December 10, at the Grand opera

FERNS
Galax==Leucothoe

Hardy Fancy Ferns, per 100, 20c; per 1000, $1.50. Green and bronze Galax leaves per 1000, $1.00; per 5000, $3.75. Leucothoe Sprays, per 100, 75c; per 1000, $6.50. Green Sheet Moss, per bale, 25c, bundle, 5 bales, $1.00. Boxwood, per lb. 20c, per bunch, 35c. Sphagnum Moss, 1 bale, $1.00; 5 bales. $4.50; 10 bales, $8.50.

C. E. CRITCHELL
Wholesale Commission Florist
36 East Third Street, CINCINNATI, OHIO
Mention The Review when you write.

HOLLY

Best Delaware Stock, dark green and well berried, delivered by freight, prepaid,

Single case.....$4.00
10 cases or more, per case..... 3.50

HOLLY WREATHS

Made from best dark green Delaware Holly, with four large clusters of bright red berries, per 100, $10.00.

Cash; Order early and will ship on any date desired.

H. AUSTIN, Felton, Del.
Mention The Review when you write.

BRILLIANT
GALAX AND LEUCOTHOE SPRAYS
Wholesale Trade Solicited
J. L. BANNER & CO., Montezuma, N. C.

..Wholesale Galax and Leucothoe..
Direct from the woods to the dealer.
Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy, 70c per 1000.
Special prices on lots of 100,000 and up.
Terms strictly cash, F. O. B. Elk Park, N. C.
F. W. Richards & Co., Banners Elk, N. C.
Mention The Review when you write.

house. The important feature of the evening will be the election of the officers and trustees. The candidates for president are Charles H. Totty and John B. Nugent, Jr.; for vice-president, A. J. Manda and Harry May; for secretary, John Young and A. J. Guttman; for treasurer, Charles Weathered and A. H. Wheeler.

There has been another change in the superintendency of Samuel Untermeyer's estate, the old Tilden place, and the latest incumbent, Mr. Featherstone, threatens suit for non-fulfilment of contract.

Eight new greenhouses, to cover a space 65x121, are to be added to the facilities at Central park, to cost $38,275.

J. K. Allen has been visiting some of his Jersey growers this week and made a call on the herbaceous stock and dahlia expert, J. T. Lovett, of Little Silver, while away.

Arthur T. Boddington is shipping daily the balance of his bulb importations and many thousands of hardy roses and Hydrangea Otaksa. Harry Bunyard, of this house, is away on one of his trips and reports the outlook "the best ever."

Traendly & Schenck continue their mum shows daily and announce their seventy-fifth anniversary performance on



Extra fine new crop **FANCY FERNS** $1.25 per 1000.
Discount on large orders
GALAX Bronze and Green $1.25 per 1000.
Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.
MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 Broadway, DETROIT, MICH.
Mention The Review when you write.

MISTLETOE

The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale delivered prices to any express office in the U. S. or Canada.

F. C. BARKER & CO.
Las Cruces, New Mexico
Mention The Review when you write.



FERNS

Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality, and the

CHRISTMAS TREES
Can't be beat. Write for prices.
ROBERT GROVES, Adams, Mass.

Cut Ferns-Galax Leaves
—THE YEAR AROUND—
Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.
E. H. HITCHCOCK, Glenwood, Mich.

GREEN GALAX, NEW CROP
LEUCOTHOE SPRAYS
Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.
WELD & FRANKLIN, Altamont, N. C.
Successors to C. W. Burleson & Son.
Mention The Review when you write.

Christmas day. It looks as if the mums would break all records this year, in quantity, quality and length of season. They still are coming in wagon-loads and the hungry horses on Twenty-eighth street watch for them and, like the Chinese, feed on them. Since the Chinese minister at Washington suggested the excellence of the mum for salads there has been no further worry as to the surplus, for they say the orientals here take left-over stock and eat it. Frank Traendly says "it tastes all right," and so the danger of overproduction is settled for all time. By next year we will all be eating them, especially vegetarians.

Chas. Millang's three depots are all humming with cut flowers, evergreens and plants and with all his facilities he has no room to spare.

George Saltford gets some of those first prize violets daily from his own houses, but they are all sold before they reach the city.

George Cotsonas & Co. now occupy

PRICE LIST FOR
CHRISTMAS DECORATIONS
EVERGREEN WREATHING

NATURAL		
Standard Grade	per coil,	$0.60
Light Weights	"	.50
Standard Grade, dyed	"	.60
Light Weights, dyed	"	.50
WREATHS		
Holly, Fancy Delaware	doz.	1.10
Holly, Southern	"	1.00
Holly and Evergreen, mixed	"	1.00
Evergreen, plain	"	1.00
Evergreen with Immortelle flowers	"	1.10
Galax, green or bronze leaves	"	.90
Galax with Immortelle flowers	"	1.00
Magnolia Wreaths	"	1.00
Magnolia Wreaths with Immortelle	"	1.10
Delaware Holly	per crate, $4.00 to	4.50
Southern Holly	" 3.25 to	3.75
Mistletoe	per lb.	.20
Needle Pines	per doz.	1.50
Galax Leaves	per 1000,	1.00
California Pepper Boughs, beautiful for decoration and very fragrant,	crate,	4.50

Let us book your orders now, and you name date you want goods shipped. We manufacture all our stock, employing 100 hands.
H. WOODS CO., 127 S. Water St., Chicago
Mention The Review when you write.

GALAX LEAVES
New crop; fresh from the patch, prices as follows:
Bronze and Green Galax Leaves...$0.60 per 1000
Fancy and Dagger Ferns..... 1.00 per 1000
Green Leucothoe Sprays..... 3.00 per 1000
Bronze " " ..... 5.00 per 1000
Rhododendron Sprays..... 3.00 per 1000
Kalmia or Mountain Laurel..... 3.00 per 1000
Also **Rhododendron Plants** which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches, 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.
J. N. PRITCHARD, Elk Park, N. C.
Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.
RAY BROS., ELK PARK, N. C.
Mention The Review when you write.

Southern Wild Smilax
50 lb. crates, single crates, $4.00; two or more, $3.50.
HOLLY, dark or light foliage, few or many berries, 50-lb. crate, $2.50.
MISTLETOE, 20c per lb.
SABAL PALM LEAVES, $2.00 per 100.
Packed light, express rate low. Long distance phone and Postal and Western Union Tel. lines.
E. SANDERSON, EUTAW, ALA.
Mention The Review when you write.

the whole store at 50 West Twenty-eighth street, one of the most convenient for their line of trade in the wholesale district.

W. H. Kuebler and his brother, of Brooklyn, were at Philadelphia Sunday attending the funeral services of their grandmother, whose death at nearly 80 was caused by a broken thigh.

C. W. Eberman is progressing encour-

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

GALAX LEAVES
and Leucothoe Sprays

J. G. LOVEN, MONTEZUMA, N. C.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

NOTICE Headquarters For

DELAWARE HOLLY

For Holiday Decorations.
Finest stock, dark green foliage and well-berried. Write for prices, which are right, and terms easy. Address,

W. T. COLLINS, Milton, Sussex Co., Delaware.

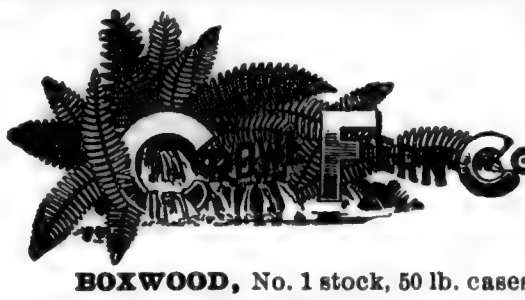
Mention The Review when you write.

HOLLY, MOSS, ETC.

Fancy Holly, in case, 2x2x4 ft., per case, $3.00.
Laurel Branches, in case, 2x2x4 ft., long stems for decorating, per case, $2.50.
Cedar Branches with Berries, 2x2x4 ft. per case, $3.00. **Green Sheet Moss,** in large thin pieces, per bbl., $1.25.
Can ship now. Cash from unknown parties. Write for circular and references.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.
Send your orders for Laurel Festooning in now for Xmas, as later we may be unable to fill them.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.



Hardy Cut FERNS

FIRST QUALITY, $1.00 PER 1000.

ALSO DEALER IN

Christmas Trees, Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. HINSDALE, MASS.

Mention The Review when you write.



New Crop Dagger and Fancy Ferns, $1.25 per 1000

New Crop Bronze and Green Galax, very fine quality

$1.00 per 1000; 10,000 lots, $7.50.

SOUTHERN WILD SMILAX 50-lb. case, $7.00; 25-lb. case, 4.00.
BOUQUET GREEN ..... $7.00 per 100 lbs.
BOXWOOD ..... 20c per lb.
LEUCOTHOE SPRAYS ..... $1.00 per 100
LAUREL FESTOONING, good and full..5c and 6c per yd.



BRANCH LAUREL, 50c per bunch. LAUREL WREATHS, $3.00 per doz.
Headquarters for all Florists' Supplies, such as Wire Designs, Cut Wire, Letters of all Kinds, Immortelles, Cycas Leaves, Sheaves of Wheat, Ribbons, Boxes, folding and blue corrugated, etc.

HENRY M. ROBINSON & CO., 8-11 PROVINCE ST., BOSTON, MASS.

Mention The Review when you write.

agingly in his new wholesale plant store on West Thirtieth street.

The railroad that brings violets from up the Hudson has vetoed the Sunday shipments. This will inconvenience some of the big retailers, and in consequence this sudden fit of corporation orthodoxy is very unpopular.

Holly is here for Thanksgiving, but the quantity is limited. The Kervan Co. has been delivering and shipping some fine boxes of it, well berried, for several days.

The Pierson U-Bar Co. has received the contract for the new Central park greenhouses and will begin building immediately. Thousands of people who never saw a U-bar house will become familiar with them when this range is up.

Elizabeth.

Elizabeth, N. J., grows every year in importance as a horticultural center. The great greenhouse building works of Hitchings & Co., are fast approaching completion, and these, in addition to nursery interests, will make it more and more "a household word."

Hiram T. Jones has here over 100 acres under cultivation devoted almost exclusively to ornamentals, twenty-five acres of this in evergreens. Shrubs and deciduous trees cover the balance of the nursery. Immense importations of boxwood were made this year, the first of the four consignments filling five cars. Mr. Jones spends two months every year with his family in the Maine woods, "far from the madding crowd" and beyond telephone or mail, a lesson in recuperation of which all horticulturists in every line might well take heed. The nursery itself is close to the city and in the line of developing values, while the twelve acres where the home, trial-grounds and office are situated are within the city limits, and here property has quadrupled in value in the last five years.

Within a stone's throw are the greenhouses and home grounds of the Elizabeth Nursery Co., of which E. Runyan is manager. Here about ten acres are covered with the finest ornamentals, twenty greenhouses 25x125 and a splendid office with all conveniences. Four hundred acres of leased ground are utilized in the vicinity by this firm, and every department of the nursery business has received its share of attention. The greenhouse plant is devoted almost entirely to pot roses and herbaceous stock. Of the latter the ambition is a complete collection. In pot roses last year over 700,000 out of

Costs no more and where quality considered

WORTH MORE THAN DOUBLE

SILLIMAN'S

Every Sprig Berried Brand of Mistletoe

Low special rates. Special shipping cases. Write for prices.

A. B. SILLIMAN & CO., Home Office Boone, Iowa

Mention The Review when you write.

2½-inch pots were sold. Specialists have been secured as managers in all departments. In the growing of privet, Hydrangea paniculata, Vibrunum plicatum, Amphelopsis Veitchii and Clematis paniculata the firm has a national reputation. The company has interests in Cuba that are promising, and Mr. Runyan is the same tireless, sleepless, effective worker he has been ever since his business was established.

J. Austin Shav

TOLEDO, OHIO.

The club meeting, Thursday, November 22, was well attended. After the regular business was out of the way a general discussion of the carnations shown followed. George Bayer brought down a few Prosperity cut from plants that were potted up to fill empty places in the benches. The flowers were fine, in fact better than those cut from the benches, which kept up quite a discussion for a while. E. A. Kuhnke, besides showing a lot of Boston, Piersoni and Scottii ferns and Asparagus plumosus in 5-inch pots and stevia in 7-inch pots, cyclamen in 6-inch pots, brought down a few seedling carnations that took well with the members present. G. W. Haebich, florist at the State Hospital, showed a fine bunch of seedlings as well as well-grown Enchantress and Lawson. Among the seedlings a white took everybody's eye. A dark crimson seedling of Harlowarden looked much like the parent, but is said to be a more free bloomer.

Krueger Bros. brought a couple of 8-inch cyclamens that were fine.

A. L. Griffin has started a new flower store at 901 Jefferson avenue. Most of the stock comes from the greenhouses of Arlin & Arlin, at Clyde, O. He reports business as being away ahead of expectations.

Thomas Magee, of Scottwood, has an elegant lot of Gloire de Lorraine begonias.

Carnations are scarce, but about the end of January the supply will be all right. E. A. K.

Springfield, Ill.—W. T. Buckley states that he has purchased the interest of H. M. Buckley in the W. T. Buckley Co. and will hereafter conduct the business alone.

Nashville, Tenn.—The Joy & Son Co., located at 600 Church street, has leased the corner store in the Watkins block, 601 Church street, and will occupy it January 1.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As fireman by experienced man; age 35 years; can give reference; total abstainer. Wm. Sullivan, 1735 Seventh St., Harrisburg, Pa.

SITUATION WANTED—As grower of carnations, mums, palms, ferns and soft-wooded stock; best of references; state particulars in first letter; 25 years' experience. Address W. B., 520 E. 7th St., Chillicothe, Ohio.

SITUATION WANTED—As assistant on large commercial place where good roses are grown; experienced; single; American born; age 24; state full particulars with salary. Address No. **140,** care Florists' Review, Chicago.

SITUATION WANTED—As foreman, to take entire charge of a large modern plant, by a first-class grower and manager; life experience in growing roses, carnations, mums, etc.; a wholesale place preferred; references first-class. Address No. **139,** care Floriest' Review, Chicago.

SITUATION WANTED—As foreman, by sober married man; A1 carnation grower; 15 years' practical experience; good on other stock, designing and decorating; best Chicago references; state particulars with salary. Address No. **130,** care Florists' Review, Chicago.

WANTED—Grower of carnations; give reference and state wages with board. Address No. **104,** care Florists' Review, Chicago.

WANTED—Young man as assistant in greenhouse; good references; state full particulars with salary. C. Winterich, Cyclamen Specialist, Defiance, Ohio.

WANTED—The present address of Chas. Helm, who was formerly at 139 Western Ave., Blue Island, Ill. Address No. **139,** care Florists' Review, Chicago.

WANTED—Good, sober man to handle a team and make himself generally useful around greenhouses; steady place to right man; state wages with board. Address No. **103,** care Florists' Review, Chicago.

WANTED TO RENT—Greenhouse establishment; about 12,000 square feet glass; near Philadelphia, Pa.; must be in good repair; take place in spring. Address Emil Wohlert, Florist, Bala, Pa.

WANTED—By Dec. 1, all-round greenhouse man; must be sober and industrious; German preferred; wages $25.00 per month with room and board; steady position. Address No. **136,** care Florists' Review, Chicago.

WANTED—For a commercial place, a young man with experience in growing choice plants; wages $30.00 per month and board. Copy of references must accompany first letter. Address J. A. Peterson, McHenry Ave, Westwood, Cincinnati. Ohio.

WANTED—A bright young man to make himself useful in a first-class flower and seed store; one with some greenhouse experience preferred; steady position; must have good references as to character. Address Youngs' Seed Store, 1406 Olive St., St. Louis, Mo.

WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shrubbery and two houses 17x50, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. **123,** care Florists' Review, Chicago.

WANTED—Gardener who thoroughly understands starting cantaloupe and cucumber plants in pots in cold frames and the growing of all kinds of vegetable plants in frames and outside; also capable of looking after private grounds; no greenhouse; answer at once giving experience and salary expected. W. F. Allen, Salisbury, Md.

WANTED—Competent man for florist store; must have city experience and be first-class decorator and designer; also used to plant trade; to man capable of taking care of big trade and who is a willing worker a good position will be given; give particulars of experience, etc., in first letter, which will be treated as confidential. Address No. **133,** care Florists' Review, Chicago.

FOR RENT—Florists' store and greenhouse 16x150; central part Atlantic City, N. J.; old established business; hot water heat from city supply. Address No. **132,** care Florists' Review, Chicago.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR SALE—Greenhouse pipe; 4-inch boiler tubes; second-hand; in fine condition; absolutely free from scale and with ends cut square; sample and prices on application. Kroeschell Bros. Co., 51 Erie St., Chicago.

FOR SALE—A bargain; $4000 00 will buy a greenhouse plant of about 30,000 square feet of glass; well stocked; steam heated; good retail trade, cheap fuel; possession given immediately. Joseph E. Bonsall, Salem, Ohio.

FOR SALE—Retail plant of 5500 feet of glass in a fine location and in first-class condition with plenty of stock; price $5500.00; $1000.00 cash, balance easy terms; grand bargain; look into it. C. J. Pult, 385 Ellicott St., Buffalo, N. Y.

FOR SALE—Four greenhouses 5,700 ft. of glass; in good condition and well stocked; also good five-room cottage and large barn; located on local car line near cemetery; price $3.200.00, term's to suit buyer. Address No. **127,** care Florists' Review, Chicago.

FOR SALE—All the glass 10x12 d. s. a., on five houses, each 20x115 feet, for $500.00 as it stands; will include sashbars and doors. Also 2 Kroeschell hot water boilers, one 20 horsepower steam boiler, used 3 months; dirt cheap. Brant & Noe Floral Co., W. Peterson and N. 48th Aves., Chicago, Ill.

WANTED Good man for retail business.
W. H. TRAENDLY,
100 W. 17th Street, New York

Wanted A man who understands roses and carnations and can make himself generally useful under a foreman.
IDLE HOUR NURSERIES, Macon Ga.

WANTED
Young man assistant in our wholesale branch. Experience required.
THE GASSER CO.
CLEVELAND, OHIO.

WANTED
Salesmen visiting florists to carry an attractive and quick selling side line, extensively advertised, on liberal commission. Address **No. 137,** care Florists' Review, Chicago.

FOR SALE
Colorado Springs, Colo.
Wholesale and retail business well located; 31 greenhouses; 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For Terms,
WM. CLARK, Colorado Springs, Colo.

WANTED
A thoroughly up-to-date man to take charge of one of the finest floral establishments in the west. Must be a man with some executive ability and an A-1 Salesman and Decorator. Will pay right party good salary and commission. Address with references as to character and ability. Address **No. 138,** care Florists' Review, Chicago.

FOR SALE.
A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.
Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.
Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address
No. 135, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready
Price, $5.00 a copy,
carriage charges prepaid.



Establishment of M. M. Miesse, Lancaster, Ohio.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Nov. 28.—Cucumbers, 65c to $1 doz.; leaf lettuce, 40c to 45c case; spinach, 60c to 75c box.

BOSTON, Nov. 27.—Mushrooms, 50c to 75c lb.; tomatoes, 15c to 20c lb.; cucumbers, $2.50 to $8.50 box; lettuce, 60c to 75c doz.

NEW YORK, Nov. 26.—Cucumbers are selling slowly at former weak prices. Lettuce also moves less freely. Mushrooms are plentiful and weak. Radishes drag unless fancy. Tomatoes are steady. Cucumbers, No. 1, 50c to 60c doz.; No. 2, $1.75 to $2.25 box; Boston lettuce, $1.25 to $3.50 per strap; mushrooms, brown, 35c to 75c lb.; white, 50c to 60c lb.; hothouse radishes, $1.50 to $2 per 100 bunches; hothouse tomatoes, 10c to 25c lb.

LETTUCE.

The damp-rot has lately appeared in our lettuce. Any advice you can give regarding the treatment of the disease, also treatment of the soil to prevent the spreading of the disease, will be appreciated. G. R. C.

The only thing you can do to check the disease is to lower your temperature a little and keep the atmosphere of your house as dry as possible, but if damp-rot has much of a hold I am doubtful if you can ever bring your plants back to a fairly healthy condition. This disease is one of the most vexing problems that confronts the lettuce grower, and is brought on by some unsuitable condition for which it is often hard to account. Several causes may contribute toward the development of the disease. Constant vigilance is the price of good lettuce, so the grower's energies should be directed toward the prevention of the trouble by keeping the conditions as suitable for the crop as possible.

Lettuce does not take kindly to artificial conditions, such as must prevail to a greater or less extent under greenhouse treatment. It will stand so much, but no more. In all my experience I have never found a case of damp-rot on lettuce grown in coldframes, with average care. This goes to show that the conditions prevailing in the coldframe are quite congenial to its welfare, and in growing it in the greenhouse it is a safe guide to copy the coldframe conditions as nearly as possible; here there is usually abundance of natural moisture, but this does not seem to do them any harm in the absence of artificial heat. In the greenhouse the artificial heat dries up the natural moisture, but causes an unnatural condensation. In this condensation, it is my opinion, lies the root of the trouble. From this, then, we can readily conclude that the less artificial heat we use the less condensation we are likely to have, besides preserving more of the natural moisture.

I have found from experience that lettuce cannot be forced. It must come along by easy stages, and it pays to wait a little longer for a good crop and make ample allowance for the time it will take, rather than start a little late and try to rush them in for a certain date. For just as sure as the grower begins to try and push things, damp-rot or some other such disease will put in its appearance and not only check the growth of the plants, but cause endless trouble.

W. S. CROYDON.



Lettuce Houses of M. M. Miesse, Lancaster, Ohio.

AN OHIO GROWER.

The accompanying illustrations are from photographs taken at White Post Farm, Lancaster, O., the establishment of M. M. Miesse, who is known far and wide for his success in the growing of lettuce, melons and tomatoes. One of the pictures shows a general view of the homestead and greenhouses, with a glimpse of the farm lands surrounding. The houses are seven 15x200, the even short-span construction, with one house 47x200 and a lean-to with the long slope to the south. The principal crop is lettuce and at present it is looking fine. Cutting was begun the last of October and for Thanksgiving there were several tons ready. The beds are constantly occupied by 70,000 plants.

As in almost all lettuce establishments, solid beds are used, the lettuce planted eight inches apart each way, and there always are 70,000 young plants coming along to take the place of those which are marketed. When Mr. Miesse cuts out a bed the soil is at once worked up and reset with good, strong transplanted plants. His aim is to get three crops.

In March he plants his last crop of lettuce, following it with tomato plants twenty-four inches apart one way and thirty-two inches the other, the space between being filled with lettuce, which is matured by the time the tomatoes require training. Good, strong transplanted tomato plants are used, trained to one stem. He cuts his first ripe tomatoes early in June and usually has the market to himself for about six weeks. He sells to the local growers at 15 cents a quart, wholesale, and never has found it necessarp to ask a customer how many he

Vegetable Growers are quick to see the many advantages of the

WITTBOLD WATERING SYSTEM

AS THE FOLLOWING TESTIMONIALS WILL SHOW:

"Some time ago we put in 100 feet of your system on trial and **it has given perfect satisfaction.** Send 500 feet more at once and we shall want 1800 feet additional as soon as our new houses are ready. We think the system a very good thing and consider **the labor saved will pay for the apparatus in one season.**"
DAVIS BROS., Morrison, Ill.

"We wish to have our entire range fitted up with your watering system. We are **much pleased** with the working of the section which we have in at present and are **perfectly satisfied** that the time will be very short till **all up-to-date growers will use the Wittbold system** instead of the present method of watering with the hose. When the nozzles are properly spaced, they throw **exactly the same amount of water** to all parts of the bench."
W. B. DAVIS & CO., Cucumber Growers, Aurora, Ill.

"It is **a fine thing** and I wonder why greenhouse men have not taken hold more. **It should come into general use.** It puts the water on **more evenly** than the average man will with the hose."
STEPHEN HYDE, Vegetable Grower, Carthage, Mo.

"We have your system in one of our Ficus houses; it is **working fine** and is doing **as much as ten men would** do in the old way in the same time. We like it so well that as soon as we can arrange for water supply **we shall equip our whole place.**"
A. C. OELSCHIG & SON, Savannah, Ga.

"We have the Wittbold system in six houses 38x200 and **it works to perfection,** doing the **watering better than the average man** can do **with the hose.** We will equip our other two plants next season; **no more watering with the hose for us.**"
CHAMBERLIN & BUNKER, Vegetable Growers, Fremont, Mich.

"It is the King of Sprinklers; **beats everything** in the watering line."
J. B. ADAMS, Pass Christian, Miss.

"We are **better pleased every day.** A boy can do better work with it than a good man can with a hose. It is **the only way to water lettuce.**"
R. T. DONNELL, Springfield, Ill.

"As a time-saver, in my estimation there is nothing to equal it and **no one realizing its value will be without the Wittbold system.**"
WM. EDLEFSEN, Milwaukee, Wis.

"Your system in our Rose house works so well **we want to equip five more houses.** The labor and hose saved will in a short time pay for the system."
KLEHM'S NURSERIES, Arlington Heights, Ill.

"It won't be long before it **will be universally used.**"
ALOIS FREY, Head Gardener, Lincoln Park, Chicago.

"The Wittbold system is **a great success with us,** a great labor-saver and certain to be used all over the country in less than no time."
R. G. RAU, Florist and Supt. of Parks, St. Joseph, Mo.

EVERY GROWER WILL USE A WITTBOLD MACHINE as soon as he becomes familiar with the good work it does and saving it effects. Send $5.00 for a Swivel Wheel and twenty ⅛-inch Nozzles, which will be enough for 100 feet of system. It will be the best investment you ever made. JUST A MINUTE: that's how long it will take to water an entire house. Send today.

LOUIS WITTBOLD, Patentee, **1708 N. Halsted St., CHICAGO**

Mention The Review when you write.

wanted any given day; the customer instead has opened the negotiations with the question, "How many do we get this morning?"

Mr. Miesse grows Success and Magnificent, two tomatoes which he originated and which have been distributed to the trade by Wm. Henry Maule, Philadélphia. He also grows French Marvel. These are all red varieties and very attractive when well grown. Mr. Miesse and a number of the Lancaster vegetable growers attended the S. A. F. convention at Dayton and while there saw no exhibit which so thoroughly interested them as Mr. Sim's display of Comet tomatoes. The result is that quite a number are trying it for next season.

Mr. Miesse grows Grand Rapids lettuce, "as near as we can get it," for he says it is a hard matter to get good seed. He states that he thinks it would be better to pay $5 per pound for really good seed than to take the ordinary stock as a gift.

In the illustration showing the interior view Mr. Miesse and his son stand in the foreground, on one of the cement walks which are in use throughout the establishment. The Skinner system of irrigation is in use for watering and Mr. Miesse says "It is just it." Vegetable growers no longer use the hose.

Thirty years ago Mr. and Mrs. Miesse started out in gardening on a one-horse Dandy wagon. Now they ride in a rubber-tired phaeton, which Mr. Miesse says does not jolt as the Dandy wagon did, and if progression continues at the rate of the last few years he soon will be taking his crop to town each morning in a forty horsepower automobile.

MECHANICAL WATERING.

In spite of the fact that the old-style gardener believes that it is as much the proper pressure of his finger at the end of the hose as it is the water that comes therefrom which is a benefit to the plants, still mechanical watering is rapidly becoming the popular means of supplying moisture in establishments of modern size.

There are many arguments for the mechanical system of watering. They have been discussed to such an extent that all over the country both progressive men and lazy have given the system a trial, with the result that the progressive ones usually have increased their use of it and been instrumental in its adoption by their neighbors. The lazy growers sometimes have found nothing in it, for as a usual thing wherever the mechanical watering has failed to give satisfaction it has been because of careless and imperfect installation.

The mechanical systems have taken especially strong hold among the vegetable growers. Hundreds of lettuce growers now use no hose in handling their crops and the warmest advocate of mechanical watering yet developed is the owner of a big range devoted to cucumbers. Growers of cut flowers have not yet taken up the system largely, but here and there a man who has tried it speaks in its favor, while the voices raised against the system are usually those who have had no experience with it.

At the establishment of the Henry A. Dreer Co., Riverton, N. J., several systems of mechanical watering are to be seen in operation, and are among the most interesting features as viewed by the many visitors. The Dreer Co. has the piping not only in the fields but in frames.

The southern truckers are using the lines of sprinklers for another purpose. They have found that they can ward off impending frosts by the use of the sprinkling system. Where fields of vegetables not equipped with the sprinkler have been completely ruined by frosts, those in which the sprinkler was kept running have escaped all harm. As one southern trucker says, the systems are likely to revolutionize the trucking business in the south.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

STERLING, ILL.—The new greenhouse of the Sterling Floral Co. has been completed and is now being used for growing carnations. It is 25x125 and modern in construction. The company has a fine display of carnations and chrysanthemums.

BRIGHTON, MASS.—The greenhouses located at the corner of Spring and Green streets have been sold, together with 29,800 feet of land. The total assessed value is $7,000; on the land, $4,500. Henry B. Goodenough is the grantor to Antonio Deluco.

The Skinner System of Irrigation

IS USED AROUND THE WORLD

"I have fitted one house with the Skinner System and am delighted with it—just what has been wanted."

CHAS. F. STREET, Clackamas, Oregon.

"The nozzles work like a charm. Send me 10,000 more. I want to equip my whole place with Skinner nozzles."

D. N. CHADWICK, Wilmington, N. C.

"I have used your irrigation system the past season on one acre of Cauliflower for seed and, as it has worked to my full satisfaction in every respect, I want to use it next season all over my farm and will send you my order shortly, as several friends also want to use it."

A. HANSEN,
Copenhagen, Denmark.



The above illustration is from a kodak photo showing a partial view of a 6-acre irrigation plant at Leesburg, Fla. In the house in the center is located a 6 h. p. gasoline engine and a Skinner centrifugal pump, which is drawing the water 675 feet from the lake with a 10-foot lift and is furnishing 900 Skinner nozzles with 30 pounds pressure at one time.

The leading growers in Florida now believe the Skinner System will revolutionize the trucking business in the state, as with it they can not only irrigate their crops, but can also **frost protect** as well.

That the Skinner System has been a success in the greenhouses is shown by the fact that in one place, Toledo, Ohio, twelve growers have installed it. Some of the largest growers in the state have, after giving the system a trial, put it in their whole place. The Skinner System has won its way **on its own merits.** Every installation always brings others from that section.

The Skinner System can be installed during the winter when there is plenty of time, and in the spring when rushed with outside work you will not have to stop to water the greenhouses.

Let me refer you to some one in your section that is using my system.

Illustrated Circular on Application. Correspondence Solicited.

C. W. SKINNER, Troy, Ohio

C. C. Lilley Co.
SEATTLE, WASH.
Growers Of
PUGET SOUND
CABBAGE SEED
Mention The Review when you write.

LEONARD SEED
Leading Onion Set Growers
FLOWER SEEDS
SEED GROWERS
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CO. CHICAGO

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

THERE is an unusual demand for Stone tomato seed.

A. J. PIETERS, of A. J. Pieters Seed Co., Hollister, Cal., starts in a few days on a tour of the trade in the east.

IT is said that vine seeds grown in 1906 are plumper and show a better color than the crops of 1905 or 1904.

AT Grand Forks, N. D., A. G. Sorlie and Hugh Reed have formed a partnership to go into the wholesale seed business.

FROM all reports beans will be longer in coming in and will be later in being cleaned up for shipment than in average years.

THE National Grange, in convention at Denver November 22, adopted resolutions condemning the government seed distribution.

LOUIS SOLDAN will open a seed store at Water street and College avenue, Elmira, N. Y., on December 1, also handling plants, etc.

H. H. HARRIES, formerly of the Goodwin-Harries Co., Chicago, is conducting some profitable real estate deals in the vicinity of Gary, Ind.

THE sources of supply for onion seed are pretty well drawn from and it appears that there are still quite a few places that are in need of more seed.

SOME of the foreign shipments are longer delayed this year than usual. The season has been against quick harvesting and cleaning on the other side, is the reason given.

THERE is a demand for experienced seed clerks. A contemplated branching out at one or two places recently has added to the earning capacity of clerks who know their business.

THE first of the wholesale price lists to come to hand is Burpee's, dated November 22. It is interesting to note that price changes, as compared with last year, are few and nearly all that are changed are lower, except on onion and radish.

PRICES for 1907 of onion seed and other Pacific coast crops are to be much higher than they have been, and it is understood that the terms are to be on a sixty days' basis, instead of June 1, as formerly.

JAMES W. BEGBIE has established himself at Shreveport, La., carrying a general line of seeds, bulbs, plants, etc.

THE onion seed thus far received of the 1906 crop is reported to test well. This is one feature of the situation that is gratifying.

THOSE who are able to quote Alaska peas freely did not care whether turkey for Thanksgiving was 28 or 38 cents a pound.

ALL seedsmen say that the margin of profit they are able to get for their goods is not sufficient. Who is at fault for this, and why isn't something done to help matters?

VISITED CHICAGO: Jesse E. Northrup, of Northrup, King & Co., Minneapolis; W. B. Griswold, of the Griswold Seed Co., Lincoln, Neb.; L. C. Routzahn, of Routzahn Seed Co., Arroyo Grande, Cal.; H. C. Windheim, of the Nebraska Seed Co., Omaha; W. S. Woodruff, of S. D. Woodruff & Sons, Orange, Conn.

DECEMBER 3 the old justice of the peace and constable system in Chicago will be succeeded by a municipal court, with Thomas Hunter, well known as a grass seed operator on the board of trade, as chief bailiff. Mr. Hunter will

Burpee's Seeds Grow
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.
Mention The Review when you write.

M. S. STARK, OTTER LAKE, MICH.
Contractor and Grower of
Fancy Garden Beans
Correspondence with good reliable seed houses solicited.
Mention The Review when you write.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street, San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon, Squash, Watermelon, Sweet Corn.
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.

FOR DELIVERY IN FALL AND SPRING

ENGLISH MANETTI Stocks for Florists

Holland Roses, Rhododendrons, Hollies, Etc.

LILY OF THE VALLEY for Early and Late Forcing

French Fruit and Ornamental Stocks

Raffia from Stock and for Import

For catalogues, prices, etc., please apply to

H. Frank Darrow, Importer
Successor to Aug. Rhotert
26 Barclay St., P. O. Box 1250, New York
Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.
Mention The Review when you write.

OUR SPECIALTIES

High-Grade Grass Seeds

ALFALFA

Warranted free from dodder or any adulterations. Please write for prices and samples.

A. LE COQ & CO.
Darmstadt, Germany
Mention The Review when you write.

CAULIFLOWER SEED

CABBAGE

HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN
Mention The Review when you write.

Danish Seed
CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.
CABBAGE, White Amager (Stonehead).
Write direct to the grower.
CHRIS. OLSEN, Seed Grower **Odense, Denmark**
Mention The Review when you write.

have the appointment of the hundreds of deputy bailiffs, and, with the law, will be largely responsible for the reform of a constabulary which has in many cases been a disgrace to Chicago and made justice a travesty.

"THE New Agriculture" is an interesting pamphlet just reprinted from the proceedings of the American Philosophical Society. It is an address by Burnet Landreth delivered at a Philadelphia meeting early in the year and contains much that is of interest descriptive of agriculture in the modern development of its larger phases.

J. L. LOEBS is starting in the seed business at Aberdeen, S. D.

W. B. GRISWOLD had hoped to see the Nebraska football team do better against Chicago than it did last Saturday. He expects to get square, however, by charging the Chicago houses more for sweet corn and vine seeds.

PERENNIALS

The largest stock of **HARDY HERBACEOUS PLANTS** in all the best and newest varieties, for instance, 25,000 Gypsophila Paniculata Flore Pleno, 4000 Romneya Coulteri, 10,000 Campanula Persicifolia Moerheimi, 50,000 Phlox Decussata in variety, 25,000 Pyrethrums, etc.

DWARF ROSES on Canina in the best sorts, including the new **Hardy Rose "Nova Zembla"** (B. Ruys, 1906) and **Baby Rambler.**

Manetti Stocks, Sweet Briar Seedlings, New Currants, Gooseberries and Raspberries, Etc.

Nearly all sorts of Plants (even Pyrethrums) are exported most successfully to the United States. Write for illustrated Trade List.

B. RUYS, ROYAL MOERHEIM NURSERIES DEDEMSVAART, - HOLLAND
Mention The Review when you write.

We Sell More Flower Seeds

Than Any Other Firm in the British Empire.

Send for Special List of our grand selections, and list of **REAL NOVELTIES.**

WATKINS & SIMPSON, Wholesale Seed Merchants.
12 Tavistock Street, Covent Garden, LONDON, ENGLAND.
Mention The Review when you write.

Conrad Appel, Darmstadt, Germany
—Established 1789—

Forest and Agricultural Seed Establishment

Specialties: GRASS, CLOVER and AGRICULTURAL FOREST TREE SEEDS of Highest Possible Purity and Growth.
GRASS SEED MIXTURES FOR LAWNS, MEADOWS AND PASTURES
Many Highest Awards and Diplomas.
Last Award: Grand Prize International Exhibition, Milan, 1906.
Mention The Review when you write.

Established 1880. Cable address, Jacrolland Nimes
A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.
Mention The Review when you write.



Some of our Conifers.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE
GHENT, Belgium.

Always Mention the....
Florists' Review
When Writing Advertisers

ONION SEED PRICES.

It looks as though onion seed at retail will be priced about as follows:

Red Wethersfield	$1.50 to $1.75
Flat Danvers	1.50
Globe Danvers	2.00
Southport Yellow Globe	2.50
Southport Red Globe	2.50
Southport White Globe	3.00
White Portugal	2.50

Special strains of the Globe sorts are scarce, and these are likely to go as high as $3 for the red and yellow, and more for the white.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 24 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto	8	$ 102	Grass	710	$ 5,352
Caraway	720	4,880	Hemp	243	2,965
Card'm	51	3,717	Millet	129	342
Castor	3,215	14,494	Mustard	1,513	13,338
Celery	25	395	Poppy	819	4,205
Clover	600	13,536	Rape	316	2,578
Fennel	48	463	Sug. beet	2,440	20,154
Fenugr'k	160	783	Other		2,571

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $33,115.

VALLEY PIPS.

The main shipment of 1906 valley pips reached New York November 23 on the steamer Patricia, from Hamburg. The total number of cases was 1,599, making 2,760 cases to date. The consignees and number of cases were as follows:

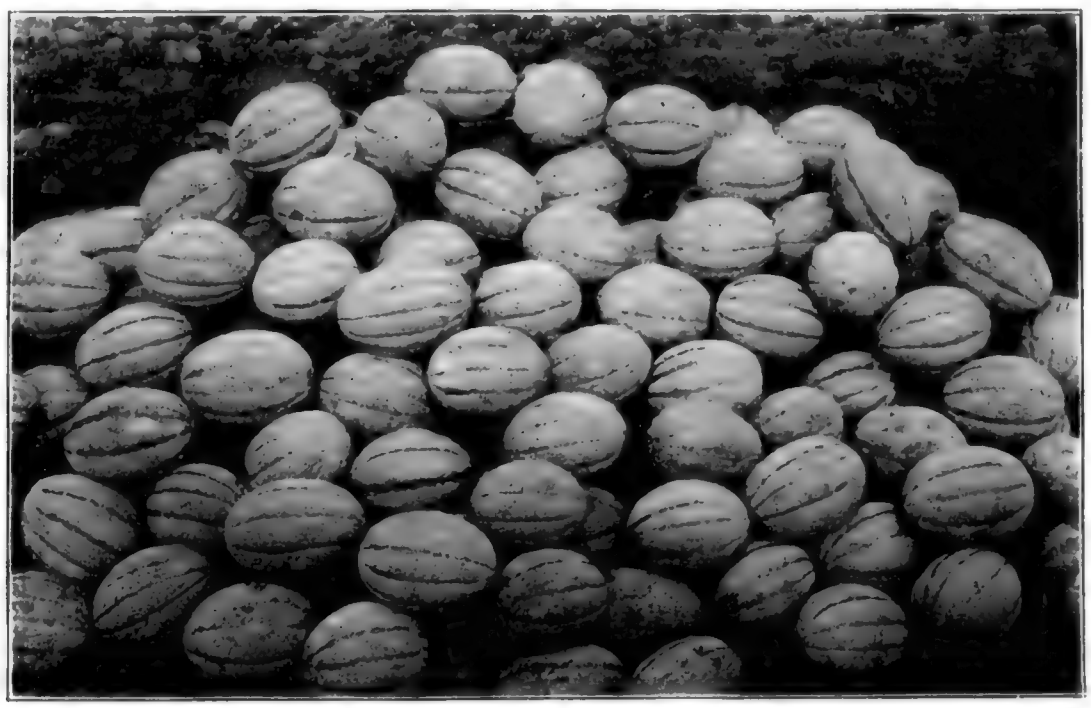
	Cases.
Darrow, H. Frank	194
Elliott, Wm., & Sons	52
Hempstead, O. G., & Son	34
McHutchison & Co	88
Maltus & Ware	233
Pierson, F. R., Co	45
Rolker, August, & Sons	130
Stern, F.	525
Schulz & Ruckgaber	150
Terkuile, J.	30
Thorburn, J. M., & Co	33
Taat, W.	35
Wakem & McLaughlin	30
To order	120

It will be noted that many of the above were combined shipments consigned to custom-house brokers for distribution.

BURRELL'S GEM MELON.

The Burrell Gem is a combination of the characteristics of the following varieties: Osage, Defender, Rocky Ford and Acme, and more particularly the Defender and Acme. It is the result of my personal efforts to produce an ideal market melon. Such a melon requires the development of many vital points. It has a tough, thin rind, well arched ribs covered with a closely laced and interlaced gray netting. The blossom end is protected with a well developed button. Shape, quite elongated, the diameter from stem to blossom being one-third more than from top to bottom. Meat, of a reddish orange, very thick, fine grained and spicy, not containing too much water or acid. Seed cavity, small and triangular, the seed closely held in place in three lobes. This is one of the first points to consider in a shipping melon, as, if the fibrous growth containing the seeds is not well developed, the seeds soon shake loose and the melon as quickly begins to decay.

The average weight is about two and one-quarter pounds, the length six inches, and the thickness four and one-half inches. The standard crate is fourteen inches wide, four and one-half inches deep and twenty-four inches long, holding twelve melons. About eighty per cent of the crop crates nicely in the above sized crate. D. V. Burrell.



Burrell's Gem Muskmelon.

REPORT OF SECRETARY WILSON

In his tenth annual report as Secretary of Agriculture, made public today, James Wilson dismisses the subject of free seeds in the following brief statement:

"The congressional seed work for the year has been conducted along practically the same lines as in the past. The number of packages of miscellaneous vegetable and flower seeds sent out during

FRESH IMPORTATION **Mushroom Spawn**

ABSOLUTELY RELIABLE—USED BY THE MOST CRITICAL GROWERS.



	10 lbs.	25 lbs.	100 lbs.	1000 lbs.
ENGLISH MILLTRACK	75c	$1.50	$6.00	$55.00
	Per doz. bricks	25 bricks	50 bricks	
PURE CULTURE	$1.80	$3.75	$7.00	

Write for quotations on large lots. Cultural Directions sent with every order.

JAPANESE LILIES and LILY OF THE VALLEY

Now ready. Write for prices.

Write for Surplus List of Dutch Bulbs and Peonies.

JOHNSON SEED COMPANY, 217 MARKET STREET, PHILADELPHIA, PA.

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

Wm. P. Craig

IMPORTER—EXPORTER

Plants, Bulbs and Seeds

1305 Filbert St.

Monogram Brand

Correspondence Solicited. Philadelphia

Mention The Review when you write.

DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. ATCO, N. J.

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.

Rose Growers WEST GROVE, PA.

Mention The Review when you write.

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

Just arrived and are, as usual, the finest imported into this market no matter under what name.

SPIRAEA

Japonica, extra strong clumps	$3.50 per 100
Astilboides Floribunda	4.00 per 100
Compacta Multiflora	4.00 per 100
Gladstone	6.50 per 100

LILIUM LONGIFLORUM

	Per 1000	Per 100
6 to 8 inches	$27.00	$3.00
7 to 9 inches	45.00	5.00
Multiflorum, 6 to 8 inches	28.00	3.00
" 7 to 9 inches	50.00	5.50

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

Lily of the Valley

Cold Storage, at the price of new importation.

For Christmas forcing we have reserved an especially fine lot of our **Mammoth Lily of the Valley.**

In perfect condition and it will give great results.

Send us Your Order NOW

Price, $1.75 per 100; $15.00 per 1000; $29.00 per case of 2000.

SPIRAEA

The good quality which we always send.

Astilboides. Floribunda, $4.25 per 100; $40.00 per 1000.

Compacta Multiflora $4.50 per 100; $40.00 per 1000.

Japonica, $4.00 per 100; $35.00 per 1000.

The above are all large clumps suitable for 6-inch pots and larger.

HENRY F. MICHELL CO.
1018 Market St., Philadelphia, Pa.

Mention The Review when you write.

the year was about 7,000,000. There has been no change in this number during the past five years.''

Seed Adulteration.

As to the publication of the names of sellers of adulterated grass seeds, he says, under the head, ''Good Seeds for the Farmer'':

''Several lines of work carried on during the year have for their object the improvement of the seed upon which the farmer must depend for his crops. The investigations of seed adulterations previously mentioned in these reports have been continued, and there is every evidence that the publication of the names of firms found to be selling adulterated seed has been the means of checking the evil. In all this work the department has but one object, namely, to protect the farmer from unscrupulous dealers who make a practice of foisting bad seed upon him. The rank and file of American seedsmen do not follow any such practices and are as anxious as the department to protect the farmer.

''The seed laboratory has tested for both seedsmen and farmers hundreds of samples of seeds during the last year, and in this way has greatly encouraged the propaganda for good seed. A feature of the work has been a campaign of education for better seed. Cheap seed is often the most expensive thing connected with a crop. A few cents saved on each pound of alfalfa or clover seed may cost the farmer all of his work in preparing and fertilizing the ground, besides the loss of an entire season in getting the crop started. The bureau has also been actively engaged in encouraging the good-seed work through addresses at farmers' institutes and other meetings.''

Corn Breeding.

Under the head, ''Better Grades of Seed Corn,'' Mr. Wilson says:

''Special work has been done during the year in demonstrating the great importance of high-grade seed corn. The work was inaugurated to establish the great value of proper care of the ordinary seed as grown by the farmer. The main point at issue was the gain in yield due to the vitality of the seed. Actual field demonstrations have shown that, taking corn in the average—that is, corn from different parts of the United States as ordinarily saved for seed by farmers—the yield would be increased about fifteen per cent if the vitality were perfect. The department has pointed out simple methods of testing vitality that any farmer can follow, and has shown in field practice that the adoption of such methods by the farmer may increase his yield from ten to fifteen per cent. Similar work has been conducted with a number of other crops.

''In the corn breeding experiments great advances have been made. One variety, which has been carefully bred in central Ohio, has, for the last four years, shown an average yearly gain of ten bushels per acre over the original variety. Seed of this variety has been sent to numerous farmers and is giving excellent results. The breeding work with sweet corn, having as its object the improvement of strains for canning purposes, has been continued with good success. It has been demonstrated that an excellent quality of sweet corn seed can be grown, and that with good care it will germinate much better and produce a better crop than such seed as is customarily purchased by canning companies.''

New Plants.

In chronicling the achievements of the department in the introduction of new plants, the secretary says:

''One of the most important achievements is the recent discovery of Prof. N. E. Hansen, of the South Dakota Agricultural Experiment Station, who is now abroad in the interest of the department, of the existence of a Siberian al-

RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white.....1-32 oz., 75c
Faust, most exquisite pink.....1-32 oz., 75c
Valentine, delicate lavender.....1-32 oz, 75c
Mephistopheles, fiery red.....1-32 oz, 75c
All varieties mixed.....1-32 oz., 75c

W. W. RAWSON & CO. **5 UNION STREET, BOSTON, MASS.**

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

New Crop Flower Seeds Just Arrived

37 East 19th Street, NEW YORK CITY

Mention The Review when you write.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., **MUSHROOM SPECIALISTS** **4273 Milwaukee Ave., CHICAGO**

ARTHUR COWEE, **Gladiolus Specialist, MEADOWVALE FARM, BERLIN, N. Y.**

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

Mention The Review when you write.

PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.

Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.



Lambert's Pure Culture Mushroom Spawn

Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.

Has never failed to run

Sold by Leading Seedsmen. Practical instructions on ''Mushroom Culture'' mailed free on application.

American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

MUSHROOM SPAWN

Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.

Pure Culture Spawn Co.
609 W. Fourth St. CINCINNATI, O.
Chicago Branch, 604 LaSalle Ave.

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We made this halftone from a

WASH DRAWING

one of many we are turning out for 1907

Seed Catalogues

Our artists are the best in the United States on flower and vegetable drawing.

We make a specialty of

CUTS FOR SEEDSMEN.

All processes. Quick work if necessary. Satisfaction guaranteed.

CRESCENT ENGRAVING CO.

341-349 Clark Street, CHICAGO

Mention The Review when you write.

falfa, an excellent forage plant with yellow instead of the usual blue flowers. This plant is native on the dry steppes of Siberia, where the mercury sometimes freezes without snow, thus proving the ability of the plant to withstand with no protection a temperature of about 40 degrees below zero. The existence of this alfalfa has been suspected for many years, and its final discovery, it is beheved, may mark an epoch in the agriculture of the northwestern prairie regions of the United States, where the rainfall is slight and the winters are exceedingly cold. Prof. Hansen is making a careful study of this plant, with a view to its cultivation in this country. A quantity of the seed of this valuable crop has been secured, which will be given a thorough trial by the department at an early date. It will supplement durum wheat in a rotative system and avoid the necessity of summer fallowing.

"Wilt has nearly destroyed the watermelon industry in many sections of the south. All known varieties of melons have been tested, but none resistant to the disease was found. It was found, however, that the citron is resistant, and the department undertook by hybridization to breed this quality into the melon. The result has been successful, and there has been secured and fixed a variety of melon very resistant to wilt—a heavy yielder, of excellent quality, and well adapted to shipping. Next season it will be propagated for distribution."

Nitro Cultures.

As to the nitrogen fixing bacteria upon which the department has done so much work, it is stated that "The method of distributing cultures dried on cotton for the inoculation of leguminous crops was discontinued during the year, and in its place the plan adopted of distributing pure liquid cultures hermetically sealed in glass tubes. This has been proved to be a great improvement over the old system. It is planned to distribute during the current year larger cultures to the farmers, and thus render it possible to reduce the time formerly required to develop a rich culture for inoculating leguminous crops. Many field tests in this work are under way on large farms, and it is hoped by this careful experimental work to acquire much valuable information concerning the best manner of treatment of certain soils and crops in order to obtain successful inoculations."

Please find enclosed $1 for your tip-top paper.—Wm. Walker, Louisville, Ky.

HIGH GRADE BULBS IN SURPLUS

At Very Low Prices to Close Out

Narcissus Paper White Grandiflora, extra select.	$1.00 per 100;	$7.50 per 1000
" double **Von Sion,** XXX double-nosed....	1.75 per 100;	16.50 per 1000
" **Empress**.....	1.75 per 100;	16 50 per 1000
" **Golden Spur**.....	1.50 per 100;	13.00 per 1000
" **Orange Phoenix**.....	1.00 per 100;	7 50 per 1000
" **Incomparabilis**.....	.75 per 100;	6.00 per 1000
Tulips, Artus.....	1.00 per 100;	9.00 per 1000
" **Dusart,** best red.....	1.75 per 100;	16.50 per 1000
" **Joost von Vondel**.....	1.00 per 100;	9.00 per 1000
" **LaReine,** Fancy	.75 per 100;	6.50 per 1000
" **Keizerskroon**.....	1.50 per 100;	14.00 per 1000
" **Chrysolora**.....	.75 per 100;	6.50 per 1000
" **Pottebakker,** scarlet.....	1.50 per 100;	13.00 per 1000
" " white.....	1.25 per 100;	10.50 per 1000
" **Rachel Ruysch**.....	1.00 per 100;	9.00 per 1000
" **Rose Gris de Lin**.....	1.00 per 100;	9.50 per 1000
" **Duc van Tholl,** single red and yellow.....	1.00 per 100;	8.50 per 1000
" " " " rose.....	1.75 per 100;	16.00 per 1000
" **Prince of Austria**.....	2.00 per 100;	18.50 per 1000
" **Jacht von Delft**.....	.75 per 100;	6.00 per 1000
" **Rex Rubrorum**.....	1.50 per 100;	13.00 per 1000
" **Gloria Solis**.....	1.00 per 100;	9.50 per 1000
" **La Candeur**.....	1.15 per 100;	10.00 per 1000
" **Yellow Rose**.....	.75 per 100;	6.00 per 1000
" single, fine mixed	.60 per 100;	4.75 per 1000
" single, extra fine mixed.....	.75 per 100;	6.50 per 1000
Freesias, mammoth, ¼ to ¾-inch.....	.65 per 100;	5.00 per 1000
Lilium Giganteum, 7 to 9.....	6.50 per 100;	60 00 per 1000

Just arrived, **LILY OF THE VALLEY,** early giant-forcing, a very superior grade, $14 00 per 1000; original cases of 2,500, $34.50.

CURRIE BROS. CO. 308-314 BROADWAY, MILWAUKEE, WIS.

Mention The Review when you write.

THE FINEST VALLEY

Western Headquarters for Early Forcing Pips

$14.00 per 1000; $1.50 per 100. Now ready. This is the very best stock for early forcing and will do splendidly for the holidays. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.

Fancy Cut Valley for Thanksgiving and Christmas.

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

NOTES FROM HOLLAND.

No doubt the most remarkable October in the last twenty years has just come to a close. With the exception of one cold day it has been a steady continuation of summer weather and it may truly be said that it has been an ideal month for all those who had to attend to any outside work. Nearly all bulb stocks have been planted and in many places the growers are busy in putting the winter covering on their fields. Perhaps the only drawback of the fine weather has been the dullness in the retail trade, as the absence of frost has failed to work as a reminder on the people that it is time to plant spring bulbs. Usually such a reminder in the shape of a sharp frost early in October, that destroys bedding flowers, is a great assistance to the retail trade and in consequence helps to clear out any surplus stock in the hands of the growers. Fortunately no surplus of hyacinths or crocus is to be disposed of this season, as they are all completely sold out here, and many late orders for them had to be left unfilled. Spiræas have moved slowly this season, but gladioli have been making up for this and especially Brenchleyensis in first size bulbs have been extremely scarce, as the crop turned out poor, and many orders could not be filled at any price. Only the early gladioli of the nanus type have proved a drug on the market, principally caused by their not being known. —Horticultural Trade Journal.

Vick's Bulbs

Are now ready for distribution.

HYACINTHS, TULIPS, NARCISSUS, Crocus, Lilies, Freesias

All of the best quality.

Send for our Wholesale Bulb Catalogue.

JAMES VICK'S SONS

ROCHESTER, N. Y.

NEW DAKOTA FIRM.

The Dakota Improved Seed Co. has been organized and will engage in the seed trade with headquarters at Mitchell, S. D. At a meeting November 19

Seasonable Bulb Stock.

We call attention to a few leading varieties of which we have good stocks. **Fine forcing stock or for bedding,** which we can supply as long as unsold as follows:

NARCISSUS

	Per 1000
Golden Spur (the favorite single yellow)	$18.00
Grandee (Maximus)	10.00
Horsfieldi	16.00
Princeps (large Irish single trumpet daffodil)	7.00
Single Von Sion, very early—much earlier than Trumpet Major	11.00
Trumpet Major, French-grown, forces extra early	12.00
Double Von Sion, extra sized bulbs	12.00
Double Von Sion, mammoth double-nosed or top-root	20.00
Incomparabilis fl. pl.	9.00
Incomparabilis Stella	5.50
Poeticus (Pheasant's Eye)	4.50
Poeticus Ornatus	7.00
Orange Phoenix	11.00
Giant Campernel Jonquil, Rugulosus	6.00
Double Jonquil	8.00
Bicolor Victoria, of great merit, $3.00 per 100	25.00
Barri Conspicuus	8.00
Silver Phoenix	20.00
Mrs. Langtry	10.00

Orientalis (Chinese Sacred Lily), bundle of 4 baskets, 120 bulbs, for $4.80.

HYACINTHS

Miniature or Dutch Romans, fine for pans or for cutting, and can also be used very satisfactorily for bedding; very cheap and very profitable.

	Per 100
Grand Maitre, Gigantea, Gertrude, King of the Blues, and La Peyrouse	$1.75
Baroness van Tuyll and Mme. Van der Hoop	2.25
Czar Peter	2.50

Fine Named, such as Albertine, Gertrude, Grande Blanche, Robt. Steiger, Mme. Van der Hoop, L'Innocence, Baron van Tuyll (pink), Marie, Blocksberg, Bouquet Tendre, Flevo, Garrick, Bouquet Royal, La Virginite, Prince of Orange, etc., our selection of varieties, $4.00 per 100, $30.00 per 1000.

Where special varieties are wanted, write for price.

White Romans, selected bulbs, 13-15 c/m, $3.00 per 100, $25.00 per 1000.

LILIUM LONGIFLORUM

Japan-grown, 9-10 in. bulbs, case of 200 for	$15.00
Japan-grown, Multiflorum, 7-9 in. bulbs, case of 300 for	15.00
Japan-grown, Multiflorum, 9-10 in. bulbs, case of 200 for	17.00
Japan-grown, Giganteum, 8-10 in. bulbs, case of 225 for	22.50

MISCELLANEOUS

Freesia refracta alba, finest Bermuda bulbs, per 1000	$ 7.50
Lily of the Valley. Just arrived. Our finest Perfection grade for earliest forcing, immediate delivery, case of 2000 pips for	28.00
Gladiolus Colvilli alba "The Bride," per 1000	7.50
Gladiolus Colvilli rubra, per 1000	6.50

Astilbe, or Spiraea. Ready for delivery. Gladstone, $8.00 per 100; Astilboides floribunda and Japonica, $5.00 per 100; Compacta multiflora, $6.00 per 100.

Dielytra spectabilis, strong clumps, $8.00 per 100.

Crocus, large sized bulbs in finest named varieties—David Rizzio, La Majestueuse, Mont Blanc, Prince Albert, Sir Walter Scott, etc., $5.00 per 1000; Separate Colors, blue, white, yellow, and striped, $3.00 per 1000.

	Per 1000
Allium Neapolitanum	$5.00
Anemones, Single	4.00
Chionodoxa Lucilea	6.50
Grape Hyacinths, blue	3.50
Grape Hyacinths, white	6.50
Spanish Iris, mixed	2.50
Double Ranunculus, French	3.50
Double Ranunculus, Persian	4.00
Double Ranunculus, Turban	5.00
Scilla Campanulata cœrulea	3.50
Snowdrops, Single and Giant	6.00
Sparaxis	3.50
Ixias, mixed	2.50
Oxalis, Bermuda Buttercup	6.00

TULIPS

	Per 1000
Cottage Maid	$ 9.00
Keizerskroon (Grand Duc)	17.00
La Reine	8.50
Prince of Austria	24.00
Bizards, mixed	7.00
Darwins, mixed	10.00
Golden Crown	7.50
Parrots, named	12.00
Count of Leicester	9.00
Duke of York	9.00
Gloria Solis	12.00
Lady Grandison	12.00
Murillo	19.00
Peony Red	10.00
Rose Blanche	8.00

For other varieties, see our wholesale list, which will be sent on application.

F. R. PIERSON CO., Tarrytown-on-Hudson, New York

Mention The Review when you write.

MY GIANT CYCLAMEN

Are Ahead in Growth and Flowers

Bloodred, Carmine, Pink, Pure White, White with Carmine Eye. Each color separate, tr. pkt., $1.00; 1000 seeds, $6.00. An even mixture of the above 5 colors, tr. pkt., 75c; 1000 seeds, $5.00.

For larger quantities, special quotations.

O. V. ZANGEN, Seedsman, **HOBOKEN, N.J.**

STOKES STANDARD SEEDS

ARE · MONEY · MAKERS

· Write · me · your · wants ·

STOKES SEED STORE

219 Market Street
Philadelphia

Mention The Review when you write.

the following officers were elected: President, L. R. Erskine, of Highmore; vice-president, J. T. Morrow, of Mitchell; secretary and manager, W. A. Wheeler, of Brookings; treasurer, S. E. Morris, of Mitchell. The directors are L. R. Erskine, J. T. Morrow and I. W. Seaman.

The company has a limited capital of $100,000, of which $25,000 is paid up. Of this amount $10,000 is held by Mitchell business men and $15,000 is held by outside people.

The corporation will maintain an experiment and testing farm near Mitchell. The principal offices of the corporation will be located at Mitchell, where will be erected or purchased as soon as necessity demands warehouses and other buildings necessary for the operation of the business.

"One thing that will be of great advantage to the company," said Prof. Wheeler to a reporter, "will be the cooperation of the experiment station at Brookings and the leading grain firms of the state and Minnesota, who have assured the officials that they will do what they can to develop the company. The seeds will be grown under the supervision of the company, special attention being given to pure seed for the farm, while garden seeds will be taken up on the side. Farmers have come to place a much higher estimate on the use of pure seed and this company will give it to them in the best possible shape, for it will be acclimated even to the various sections of the state."

Prof. Wheeler will on March 1 assume charge of the affairs of the company. He is connected with the faculty of the state agricultural college at Brookings and has charge of the state experiment station at Highmore. Before coming to South Dakota Prof. Wheeler was associated with the Minnesota experiment station for ten years and has made pure seed a study throughout all these years. Last year he accompanied the seed special trains over the Milwaukee and the Northwestern roads and visited seventy-five towns in the state.

BALTIMORE.

The Market.

Business last week was steady and everybody who was not working on orders occupied his spare time in making up designs for the holidays. Chrysanthemums are a glut, and the street fakers are standing along the curbing offering them at a figure that the retailers cannot meet. Roses are still lacking in their usual supply. Carnations are plentiful and there is just about enough demand to use them up. Violets are coming in more steadily and color and stems are favorable, and same are selling at 60 cents per hundred. Paper Whites are now on the market, but there is little demand. Greens of all kinds are plentiful.

Reports from the holly section indicate a fairly good cut will be made and that it will be well covered with berries. Mistletoe will find its way into the market in its usual amount. Christmas greens are beginning to come into the market.

Various Notes.

Bolgiano & Sons have awarded their contract to H. Quick for 10,000 geranium plants and 5,000 dahlia roots, to be delivered in the spring.

The Baltimore Transfer Co.'s wagon upset Harry Ekas' stall and damaged a number of plants.

The Baltimore Florists' Exchange will occupy its new building on Franklin and St. Paul streets this week. J. J. Perry is the manager.

B. Stoll, Brooklyn, Md., cleared out of two houses of carnations 20x160 feet $86 in one month's cutting.

Mrs. Emma Hahn, of Roland Park, is offering her business for sale.

Struntz Bros., of Westport, report that business has been steadily increasing and nearly all their stock was sold several days before Thanksgiving.

Griffith & Turner Co. and J. Bolgiano report that they have a general clean-up on bulbs. The first named was asked to furnish 40,000 tulips and was unable to do so.

Fire broke out on the morning of November 23 on the third floor of the establishment of S. L. Lamberd Co. Damage reported slight.

E. H. Holden, Catonsville, has some extra fine tomatoes in his greenhouses.

G. Cook has made his appearance in market again.

W. O. Stran & Co., of Waverly, have been in business one year and prospects are very encouraging. They have eight houses, six of which are 18x60 and two are 18x100. J. L. T.

Crookston, Minn.—The greenhouse belonging to J. F. Hetler and operated by Frank Zarracher collapsed, November 9, as a result of a heavy fall of snow. Though the loss was not total, property to the value of $1,400 was destroyed. Mr. Hetler will rebuild.

CYCLAMEN PERS. GIGANTEUM

Extra Fine Plants, in bud and bloom, large-flowering, 3-inch, ready to shift, $5.00 per 100; 4-in., $10.00; 5-in., well budded for Christmas, $15.00. **Primulas,** Chinese and Obconica, 3-in., $3.00; 4-in., in bud and bloom, $6.00.

Asparagus Plumosus Nanus, 3½-in., $8.00 per 100.

Cinerarias, 3-in., $3.00 per 100.

Samuel Whitton, 15-16 Gray Ave., Utica, N. Y.

Mention The Review when you write.

....USE....

MAGNET GLUE

to put address Labels on your shipments.

IT'S WATERPROOF

Write for particulars.

R. Y. BRADSHAW & CO.

517 W. Madison St., Chicago

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, Nov. 28.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	30.00 to 40.00
" Shorts	10.00 to 20.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	6.00 to 8.00
" " No. 2	4.00 to 6.00
Liberty	4.00 to 10.00
Golden Gate	4.00 to 8.00
Kaiserin	4.00 to 8.00
Perle	4.00 to 7.00
Carnations	2.00 to 5.00
Chrysanthemums	8.00 to 25.00
Adiantum Cuneatum	50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Harrisii	12.00 to 15.00
Violets	1.50 to 2.00

Milwaukee, Nov. 28.

	Per 100
Beauties	$40.00 to $50.00
" Medium	20.00 to 35.00
" Shorts	5.00 to 15.00
Bride and Bridesmaid	4.00 to 8.00
Golden Gate, Chatenay	4.00 to 8.00
Liberty	4.00 to 10.00
Richmond	4.00 to 10.00
Perle	4.00 to 8.00
Carnations	3.00 to 6.00
Valley	4.00
Stevia	1.50
Violets	1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00 to 1.50
Chrysanthemums—	
Small.....doz., 75c-$1.00	
Medium.....doz., $1.50-$2.50	
Large.....doz., $3.00-$4.00	

Cleveland, Nov. 28.

	Per doz.
Beauties, Specials	$6.00
" Extra	5.00
" Select	4.00
" No. 1	2.50
" Shorts	1.50
	Per 100
Kaiserins	$ 4.00 to $ 8.00
Brides and Bridesmaids	3.00 to 8.00
Carnations	3.00 to 5.00
Chrysanthemums...doz., 75c-$2.00	
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

Montgomery's book on Grafted Roses sent by the Review for 25 cents.

FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c; 5-in., 12½c., Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $2.00 per 100. Scottii, 3-in., 8c.

Asparagus Sprengeri, 2-in., $2.00 per 100.

Flowering Begonias, 8 kinds, 2-in., 2½c.

Rex Begonias, 3-in., 8c.

Double Daisies, Longfellow, Delicata, $2.50 per 1000.

Hardy Pinks, field, Essex Witch, Abbottsford, M. Gray, 3½c. **Double Hollyhocks,** field, 1-year, 4 colors, 3c. **Hardy Carnations,** nice, young plants from frames, assorted $2.00 per 100.

Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.



WHITE VIOLETS IN QUANTITY, $2.00 per 100.

CHRYSANTHEMUMS, fancy, $3.00 to $5.00; choice, $2.00 to $2.50; medium, $1.25 to $1.50.

Valley, the finest grown, $4.00 a hundred. **Assorted Evergreens** for window boxes. Exceptionally well-berried **Holly** for Thanksgiving Day. **Cut Boxwood in any quantity.**

S. S. PENNOCK-MEEHAN CO.

The Wholesale Florists of Philadelphia Open 7 A. M. to 8 P. M. **1608-18 Ludlow St.**

Mention The Review when you write.

EDWARD REID

WHOLESALE FLORIST

1526 Ranstead St., PHILADELPHIA

We are strong on all varieties of

CHOICE FLOWERS

Shipping orders a specialty.

Chrysanthemums

We can supply them by the 1000 in all colors.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 28.

	Per doz.	
Beauties, Specials	$4.00 to	$5.00
" Medium	2.50 to	3.00
" Short	1.00 to	1.50
	Per 100	
Brides and Bridesmaids, Select	$6.00 to	$8.00
" " Shorts	4.00 to	5.00
Richmond, Liberty, Select	5.00 to	8.00
" Ordinary	3.00 to	4.00
Kaiserin, Select	6.00 to	8.00
" Ordinary	3.00 to	4.00
Killarney, Chatenay	6.00 to	8.00
Carnations, Fancy	3.00 to	4.00
" Select	2.00 to	3.00
" Ordinary		1.50
Harrisii Lilies.....doz., $2.00		
Adiantum Cuneatum		1.00
" Hybridum		1.50
Asparagus Plumosus, Strings	35.00 to	50.00
" Sprays, bunch.....50c		
" Sprengeri, bunch...50c		
Smilax	12.50 to	15.00
Valley	4.00 to	5.00
Cattleya Labiata		50.00
Oncidium	2.00 to	3.00
Cypripediums	15.00 to	20.00
Dendrobium Formosum		40.00
Phalænopsis	8.00 to	10.00
Vanda Cærulea	15.00 to	20.00
Callas	12.50 to	15.00
Violets Single	.50 to	1.00
" Double	1.00 to	1.50
" White		2.00
Chrysanthemums—		
Fancy.....doz., $2.00-$3.00		
Select.....doz., $1.00-$1.50		
Ordinary.....doz., .50- .75		
Gardenias.....doz., $5.00		
Bouvardia	2.00 to	3.00
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" No. 1	8.00 to 12.00
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" " No. 1	2.00 to 3.00
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Richmond	2.00 to 8.00
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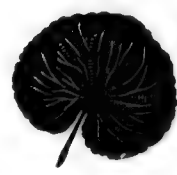


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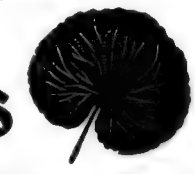
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" 24-inch stems		2.50
" 20-inch stems		2.00
" 15-inch stems		1.50
" 12-inch stems		1.25
" Short stems	.75 to	1.00
	Per 100	
Bridesmaids, Specials	$5.00 to	$8.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	8.00
" Firsts	3.00 to	4.00
Richmond, Specials	5.00 to	10.00
" Firsts	3.00 to	4.00
Liberty	3.00 to	10.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Killarney	3.00 to	12.00
Uncle John	3.00 to	6.00
Perle	3.00 to	5.00
Chatenay	3.00 to	8.00
Carnations, Select	3.00 to	4.00
" Fancy	5.00 to	6.00
Violets, double	1.50 to	2.00
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Chrysanthemums, fancy...doz., $3		
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Harrisii	15.00 to	18.00
Callas	15.00 to	18.00
Valley	3.00 to	5.00
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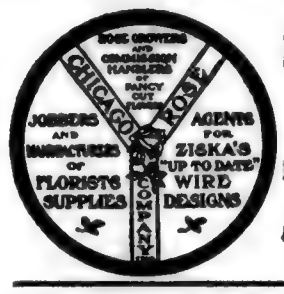
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" Short Stems	8.00 to 12.00
Brides, Specials	4.00 to 8.00
" Seconds	1.00 to 2.00
Bridesmaids, Specials	4.00 to 10.00
" Seconds	1.00 to 2.00
Chatenay	2.00 to 10.00
Wellesley, Killarney	2.00 to 10.00
Liberty, Richmond	3.00 to 15.00
Carnations, Special	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	2.00
Lily of the Valley	3.00 to 5.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00
Smilax	10.00 to 12.00
Harrisii	10.00 to 12.00
Violets	.75 to 1.25
Chrysanthemums	3.00 to 30.00
Cattleyas	30.00 to 35.00
Cypripediums	12.00
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C. A. KUEHN WHOLESALE FLORIST,

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand Write for catalogue and prices.

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H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

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Wholesale Cut Flower Prices.

St. Louis, Nov. 28.

	Per doz.
Beauties, Specials	$ 4.00 to $ 6.00
" Extra	2.50 to 3.00
" Shorts	1.00 to 1.50
	Per 100
Brides and Maids, Specials	$ 6.00 to $ 8.00
" " No. 1	2.00 to 3.00
Golden Gate	5.00 to 8.00
Richmond	5.00 to 8.00
Carnot	5.00 to 8.00
Carnations, Common	2.00 to 2.50
" Fancies	3.00 to 4.00
Chrysanthemums, doz., $1.50 to $4	
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.35 to .60
Paper Whites	4.00

Pittsburg, Nov. 28.

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Fancy	3.00 to 4.00
" Medium	1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Brides and Bridesmaids, Fancy	$10.00
" " Medium	$4.00 to 6.00
" " Short	3.00
Richmond, Specials	12.00
" Select	6.00
" Ordinary	3.00 to 4.00
Kaiserin, Specials	6.00 to 8.00
" Ordinary	3.00 to 4.00
Killarney	4.00 to 2.00
Chatenay	4.00 to 8.00
Perle	6.00
Bon Silene	4.00
Cusin	3.00 to 6.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4.00 to 6.00
Adiantum	.75 to 1.50
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Chrysanthemums	6.00 to 25.00
Violets, double	1.50 to 2.00

YOU... WILL FIND **ALL** THE **BEST** OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

Cincinnati, Nov. 28.

	Per 100.
Beauties Extra	$25.00 to $35.00
" No. 1	12.50 to 20.00
" Shorts	6.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	3.00
Golden Gate	3.00 to 6.00
Kaiserin	3.00 to 6.00
Liberty	3.00 to 8.00
Meteor	3.00 to 6.00
Perle and Sunrise	3.00 to 5.00
Carnations	1.00 to 4.00
Chrysanthemums	10.00 to 25.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.00
Baby Primroses	.35 to .50
Snapdragon	3.00 to 4.00
Paper Whites	3.00 to 4.00

WILLIAM MURPHY

Wholesale Commission Dealer

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Consignments Solicited.

L. D. Phone, M. 980; Night Phone, W. 81 Y.

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Wholesale Commission Florist

Cut Flowers and Florists' Supplies

WIRE WORK OF ALL KINDS

Write for price list. Consignments solicited.

36 East Third St. CINCINNATI, OHIO

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Wholesale Commission Florist

Cut Flowers and Florists' Supplies

Phones, Main 3062, West 855-L.

110-112 East 3rd St., Cincinnati, O.

Consignments Solicited.

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The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price lists on application.

Phone Main 584. **316 Walnut St. Cincinnati, O.**

Mention The Review when you write.

Paper White Narcissus $8.00 per 1000

Headquarters for Wood Moss in any quantity.

D. RUSCONI, 32 W. 6th St., Cincinnati, O.

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

YOUR ORDERS for EVERY DEPARTMENT of FLORAL ART are earnestly solicited and my personal attention will be given even to the smallest detail

A. WARENDORFF

Main Store, 1193 Broadway, NEW YORK

Branch Stores, 1474 Broadway, New York; Madison Ave. and 71st St., New York.

Alexander McConnell

571 FIFTH AVENUE
WINDSOR ARCADE

NEW YORK CITY

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention. : : : : : : : :

Telephone Calls: 340 and 341 38th Street
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WILL BE FILLED BY

P. J. HAUSWIRTH

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Auditorium Annex. Telephone Harrison 585.

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN

GUDE BROS.CO. FLORISTS 1214 F ST.N.W. WASHINGTON.D.C.

WASHINGTON, D. C.

GUDE'S

ORDERS for DULUTH

and vicinity will be carefully looked after by

W.W.SEEKINS

109 W. Superior St., DULUTH, MINN.

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MRS. M. A. HANSEN

Y. M. C. A. BUILDING

FRED C. WEBER

4326-4328 Olive Street

ST. LOUIS, MO.

Will carefully execute orders for St. Louis and other towns in Missouri and Illinois.
(Established 1878.)

TRUMAN C. FLAGLER

926 Fulton St., Brooklyn, N. Y.

Tel., 2135-J Prospect. Greenhouses at Poughkeepsie.

In the heart of the bon-ton retail section of the City of Churches. Telegraph or send your orders from any part of America and they will be well and promptly filled with fresh stock from our own houses. No disappointments. No delays. Send me a Trial Order.

JOHN BREITMEYER'S SONS

COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

WHOLESALE FLORISTS
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

CHOICEST FLOWERS

George H. Berke

FLORIST

Local and Long Distance Phones.
1505 Pacific Ave., ATLANTIC CITY, N. J.

Houghton & Clark

396 Boylston Street,

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BYRNE FLORAL CO.

Florists and Landscape Architects
SHERMAN, TEXAS

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

David Clarke's Sons

2139-2141 Broadway
Tel. 1552-1553 Columbus

New York City

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ROBERT G. WILSON

Fulton St. and Greene Ave., BROOKLYN

The Bon-Ton Store of Brooklyn

We handle the highest grade of stock in the market. Trade orders from all parts of the country filled for delivery at residence, steamer, hotel or theatre. Wire or telephone a trial order.

Palmer's

Buffalo, N. Y.
W. J. Palmer & Son, 304 Main St.

THEODORE MILLER

FLORIST

Long Distance Phones: Bell, Forest 56; Kinloch, Delmar 201.
4832 Delmar Boul. St. Louis, Mo.

MILLS THE FLORIST

36 W. Forsyth Street,

Jacksonville, Florida

The Park Floral Co.

J. A. VALENTINE,
Pres.

DENVER, COLORADO

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

FOR OTHER LEADING RETAIL FLORISTS SEE NEXT PAGE.

WILLIAM H. DONOHOE

Telephone No. 3034 Madison. No. 2 WEST 29th ST., One door off Fifth Ave., NEW YORK.

The leading florists in all the large cities of the United States and Canada can safely intrust their theater and steamer orders to me. Personal attention guaranteed. I ask for but one trial to insure your confidence.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

Van Praag ROSES

THANKSGIVING GREETING

To Our Out-of-town Friends and Customers

Dozens of you will send flowers to your relatives, sweet hearts, children and customers in New York City on Nov. 29. If you will entrust these gifts to me, your instructions will be faithfully observed.

Main Store, 1207 Broadway, Between 28th and 29th Streets, NEW YORK. **Branch Store, 66 Broadway, Manhattan Life Building**

Main Telephone, 36 Madison Square. All Night Telephone, 4817 R. Morningside.

LEIKENS

7 East 33rd Street

Belmont Hotel, 42nd St., New York

NEWPORT, R. I.

☞Orders from any part of the country filled carefully and at wholesale prices.

The Geo. Wittbold Co.

1657-1659 Buckingham Place, Chicago

The only retail florist in Chicago who grows his own cut flowers.

Funeral Work Orders, Our Specialty

...THE...

CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

Geo. M. Kellogg

Wholesale and Retail Florist

906 Grand Ave., KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

RETAIL ORDERS SOLICITED FOR

PITTSBURG, PA.

H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Hatcher

Wholesale and Retail Florist

AMSTERDAM, NEW YORK

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

GEO. S. MURTFELDT

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CLARKE BROS., 289 Morrison St.

S. B. STEWART

119 No. 16th Street, OMAHA, NEB.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

STEAMER SAILINGS.

Sails—	From—	To—	Date.
Montevideo	New York	Cadiz	Dec. 6
Trent	New York	Jamaica	Dec. 8
Caracas	New York	P. Cabello	Dec. 8
Montserrat	New York	Havana	Dec. 12
Coamo	New York	Porto Rico	Dec. 15
Polycarp	New York	Barbados	Dec. 15
Gerty	New York	Naples	Dec. 15
Francesca	New York	Naples	Dec. 22
Giulia	New York	Naples	Dec. 29
Montserrat	New York	Cadiz	Jan. 5
Cedric	New York	Genoa	Jan. 5
K. Luise	New York	Naples	Jan. 8
Antonio Lopez	New York	Havana	Jan. 11
K. Albert	New York	Naples	Jan. 12
Sofia H	New York	Naples	Jan. 15
P. Irene	New York	Naples	Jan. 19
Celtic	New York	Genoa	Jan. 19
Brasile	New York	Naples	Jan. 23

FREMONT, NEB.—H. Dawson, formerly of Cincinnati, O., but who has become a permanent resident of Fremont, has entered the employ of C. H. Greene in the capacity of manager of the greenhouses. Mr. Dawson is an Englishman and an expert florist and has worked for such florists as Storrie & Storrie, Dundee, Scotland; Lewis, of Derby, and Rockford, of Turnford, England.

MYER 609-611 Madison Avenue New York

Long Distance Phone, 5297 Plaza.

J. B. BOLAND CO.

SUCCESSORS TO SIEVERS & BOLAND

FLORISTS

47-49 Geary Street. SAN FRANCISCO, CAL.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

TORONTO.

Trade during the last week was anything but satisfactory. Quantities of stock are coming and the demand is not at all equal to the supply, with the exception of American Beauties and violets which are still scarce. Roses and carnations are now of first quality, large mums are received in good supply but do not seem to move with the rush that they have in other years. It would appear that there have been too many growing this season, and the stores have been kept so fully supplied with all colors and all sizes that people are getting tired of them. Poinsettias are arriving. J. H. Dunlop has a fine window of them this week. S. Tidy & Son had the Mulock dance this week, which was a very elaborate affair, using quantities of southern smilax, orchids, Beauties and Jones mums.

We are glad to report that William Jay, Jr., who sustained a fractured skull a few weeks ago, is steadily improving and the doctor has allowed him to be up a short time each day this week.

J. S. Simmons was honored by being elected Master of Wilson Masonic lodge this week. D. J.

BIRMINGHAM, ALA.

Roses, carnations and mums have never been so fine as during this fall and the supply is about equal to the demand. At the many social events one sees flowers on every hand, and even at a small card party the hostess seems compelled to adorn her home with greenhouse products.

The store of W. M. Lindsay is greatly improved by the addition of a balcony, where all the office work is transacted, thus making considerable space in the store.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THE Queen City Nursery Co., Sioux City, Ia., has been incorporated.

YOUNGERS & Co., Geneva, Neb., report an exceptionally busy shipping season, orders running larger than usual.

THE Southwestern Iowa Horticutural Society meets at Omaha December 5 to 7. W. M. Bomberger, of Harlan, is secretary.

THE nurserymen of Utah had a meeting at Salt Lake City November 26 for the purpose of getting into closer touch, each with the others.

THERE were 845 persons employed in the sixty state experiment stations last year. The funds devoted to the work totaled $1,525,489.18.

THE program for the annual meeting of the Pacific Coast Association of Nurserymen will be found on the Pacific coast page of this issue.

THE city council at East Washington, Pa., has passed an ordinance imposing a fine of $20 per tree for planting Carolina poplars and water maples on the public ways.

THE proprietors of the Barton Creek nurseries, Charlotte, Tenn., have purchased the farm adjacent to the nursery property and will make extensive additions and improvements.

THE West Michigan Nursery, Benton Harbor, Mich., has cleared the apple trees from the W. H. Graham property at Berrien Springs, which it held under lease, as the property is to be divided into building lots.

THE latest San Jose scale bulletin is from the Texas State Experiment Station and is prompted, the author states, by the rapid growth of the fruit industry in Texas and the frequency of requests for information as to how to fight the pest.

THE Kansas Home Nursery, owned and operated by A. H. Griesa, at Lawrence, Kan., since 1867, has had a busy autumn season. Mr. Griesa covers Kansas and Oklahoma with about forty agents. His uniform success indicates his comprehension of the field.

AT the annual convention of the National Grange, at Denver November 22, a resolution was presented asking for a national law to protect farmers against the sale of nursery stock not true to name, but failed of adoption, being referred to the various state granges.

U. P. HEDRICK, of the Western New York Experiment Station, gives the acreage of grapes in the state as follows: Chautauqua county district, 30,000 acres; Keuka Lake, 15,000; Canandaigua Lake, 5,000; Seneca Lake, 4,000; Hudson valley, 2,000; Cayuga Lake, 1,000; Romulus, 1,000.

WAYNE & BUTLER, who two weeks ago sold their nursery, east of Sac City, Ia., to A. N. Wyman, are to leave Sac City with their families. Mr. Wayne recently established a nursery at Elk Point, S. D., which he will manage. Mr. Butler will move after the holidays to Guthrie, Okla., where he purchased a farm. A considerable part of the Wayne & Butler nursery stock was sold to the nursery firm of J. S. Griffin & Sons.

JOHN WATSON, of Jackson & Perkins Co., Newark, N. Y., advises that he has placed in the hands of an attorney for proper action a newspaper report from Salt Lake City connecting his name with the affairs of the Pioneer Nursery Co. Mr. Watson feels that his reputation has been injured by the reports from Salt Lake and the REVIEW takes pleasure in setting him right with the trade.

AMOOR RIVER PRIVET.

Will you please tell us the best way to root Amoor river privet cuttings in the open ground? We have no hothouse, but have frost-proof cellars. In these we have been putting our cuttings in early spring that they may callus before planting in the ground. But we sometimes lose many of them, and, as we have only our experience along this line for a few years, we thought perhaps you might tell us a better way, as this method is much trouble and so far has not been very successful. We shall be pleased to have you give us some light along this line, as we think there is a better way to do this work. G. W. J.

Soft-wooded cuttings of Ligustrum Amurense root freely under glass. Seeing your correspondent, however, has no greenhouse, it would be best for him to take off cuttings late in the fall, tie them in bundles and bury them in the ground, transplanting as early in the spring as possible and firming the cuttings well. Allow only a small part to show above ground. This method is preferable to heeling them in a frost-proof cellar, where the soil may be too dry for the cuttings. W. N. C.

CONTROL OF INSECT PESTS.

In the annual report of the secretary of agriculture, made public today, the following paragraphs are found under the discussion of work for the control of insect pests:

"It has been shown that it is an easy matter to bring to this country the European parasites of the gypsy and brown-tail moths, simply by collecting numbers of the larvæ and chrysalides in different parts of Europe and sending them direct to Boston. A certain percentage of these insects on arrival in New England have given out the European parasites, which have either been cultivated in wire-gauze inclosures, with plenty of food, or have been liberated in the open, there being chosen for this purpose patches of woods not subject to forest fires or to remedial work against the insects. It has been ascertained further—and this as a fact hitherto unknown even to European entomologists—that the young larvæ of the brown-tail moth in their overwintering nests in Europe are extensively parasitized. Therefore, during the winter of 1905-6 over 117,000 nests of the brown-tail moth were collected in thirty-three different localities in Europe, ranging between North Germany, South Hungary

BOXWOOD, By The Carload

2½-ft. Bushes, 75c each; 5½-ft. Pyramids, $6.00 each.
Every plant a specimen. Other sizes at proportionate prices.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

PEONIES | **W. & T. SMITH CO.,** GENEVA, N. Y.

Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Clematis.

60 Years. **Send for our Wholesale Price List.** **600 Acres.**

Mention The Review when you write.

SHRUBBERY BARGAINS

All transplanted stock, well furnished and splendidly rooted.

	100	1000
Berberis Thunbergi		
15 to 18 inches, bushy	$ 4.50	$40 00
18 to 24 inches bushy	6 00	70.00
2 to 2½ feet, bushy	11.00	100.00
2½ to 3 feet, heavy	18.00	165.00
Ligustrum Ibota (true)		
18 to 24 inches	$ 6 00	50.00
2 to 3 feet	8.00	70.00
3 to 4 feet	10.00	90.00
4 to 5 feet, extra	15.00	140.00
Lycium Chinense		
2½ to 3 feet	3.50	30.00
3 to 4 feet	5.00	45.00
2½ to 3 feet, headed back and bushy	6.00	50.00
3 to 4 feet, headed back and bushy	8.50	75.00

Packed free for cash with order.

J. T. LOVETT, Little Silver, N. J.

Mention The Review when you write.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO BEGIN!

Always Mention the....
Florists' Review
When Writing Advertisers.

A Reminder

I WILL HAVE THIS FALL FOR SALE

100,000 California Privet, 2 to 4 feet, bushy.
500 California Privet Stanter, 5 feet, large heads.
500 California Privet Stanter, bush and sheared, fine for lawn.
2,000 American Elm, 10 to 12 feet, fine trees.
500 Horse Chestnut, 8 to 12 feet, fine heads and stocky.
1,000 Deutzia Gracilis, 2 to 3 years, good for forcing.
1,000 Roses, Clothilde Soupert.
2,000 Double Hollyhocks, 2 years, red, pink, white and yellow.
5,000 Dahlia Roots, all fine colors.
1,000 Althaeas, double, variegated, 2 to 4 feet.
500 Yucca Filamentosa, large blooming plants. Send for prices to

CARLMAN RIBSAM
31 Wall St. TRENTON, N. J.

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

Mention The Review when you write.

and West Brittany, and comprising a large range of varying elevations and climatic conditions. More than 70,000 parasites were reared from these nests on American soil. About eight per cent of these were hyperparasites; that is, parasites upon parasites.

"By means of specially constructed cages the hyperparasites were separated and destroyed. The primary parasites were placed in out-of-door cages or liberated in the open. The largest colonies included 10,000, 15,000 and 25,000 parasites, respectively. Owing to the very wet season a fungous disease prevailed among the caterpillars, vitiating to some extent the results of the experiments, but nevertheless three species of parasites were seen to lay their eggs in American-born caterpillars, and there is positive proof of the development on American soil of at least one complete generation of two of the European species. It has been shown that they may breed successfully through the season.

"For the investigation of insect enemies of deciduous fruit trees field stations at Youngstown, N. Y., and Fort Valley, Ga., were carried on to the close of the growing season of 1905, and in the spring of 1906 others were started at Myrtle, Ga., and North East, Pa. Later another one was established at Nebraska City, Neb. In the course of this work some studies have been made of the parasites of the San Jose scale, and experiments have been made with a number of insecticide mixtures. The chemical study of the lime-sulphur and other washes has been undertaken in co-operation with the bureau of chemistry. New studies have been made of the plum curculio. The peach borer has also been studied throughout its geographic range, and extensive demonstration work has been done in Nebraska on remedies for the codling moth, in co-operation with the bureau of plant industry, which at the same time was dealing with the apple scab, combination treatments for both being carried on co-operatively. Co-operation in this work is also under way with the several other experiment stations and the Georgia State entomologist."

Seasonable Stock for Florists!

Hydrangeas, Otaksa and Thos. Hogg { With 7-12 flowering crowns, $12.00 per 100; With 5-6 flowering crowns, 9.00 per 100; With 4 flowering crowns, 7.00 per 100

For Forcing, from 6-inch pots and open beds; all outdoor-grown.

ROSES Strong, Two-Year, Field-Grown, Selected for Forcing. **Hybrid Perpetuals** $10.00 and $12.00 per 100; **Crimson Rambler** 9.00 per 100; **Dorothy Perkins** 7.00 per 100

and **LADY GAY,** a **new** hardy Climbing Rose of **exceptional merit;** ready **now** from 2½-inch pots only. Write for prices.

Jackson & Perkins Co., Newark, (Wayne Co.), New York
NURSERYMEN AND FLORISTS. WHOLESALE ONLY.

Mention The Review when you write.

SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

Mention The Review when you write.

Not a bloomin' thing

but roses to offer you,

101 best sorts. Own roots. 2½ and 4-in. Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

Mention The Review when you write.

Large Privet

from 2 feet to 8 feet. Prices on application.

CREEPING OR TRAILING ROSES. Write for wholesale list.

ELIZABETH NURSERY CO., Elizabeth, N. J.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., **Chicago**

Mention The Review when you write.

Hardy Plants of all kinds. Large stock of

Phlox, Iris, Pinks, Delphiniums, Shasta Daisies, Etc.

Send for Price List.

VICK & HILL CO. P.O. Box 613 **Rochester, N. Y.**

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand., Honeysuckles and other Shrubbery.

AT A BARGAIN
Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

Mention The Review when you write.

PEONIES

	Per 100
Queen Victoria (or Whitleyii), the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans (late rose)	6.00

Large stock of M. L. Rhubarb Plants.
For other varieties or 1000 rate, write

GILBERT H. WILD, SARCOXIE, MO.

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

Field-Grown ROSES

1½ to 4 ft. high, 90 varieties, $8.00 per 100.

CRIMSON RAMBLER

1 and 2 years, 1½ to 4 ft., $3.00 to $5.00 per 100.

WM. K. NELSON, Augusta, Ga.

Mention The Review when you write.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet....$10.00 per 100
" " strong, No. 2. 6.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

YOU will find...
ALL the BEST offers ALL the time in the Review's Classified Advs

PACIFIC COAST.

Rural free delivery from Los Angeles now reaches a number of firms in the trade that heretofore have had poor mail facilities.

Penryn, Cal.—Harry S. McGowen, who formerly held a half interest in the California Carnation Co., of Loomis, has purchased the entire interest.

FRUIT AND NURSERY MEETING.

The California Fruit Growers' Association, the California Horticultural Commissioners and Inspectors and the Pacific Coast Association of Nurserymen will meet at Hanford, Cal., December 4 to 8. An informal session of the latter society will be held at Luther Burbank's place at Santa Rosa December 3.

While the program throughout contains many headings of interest to the nurserymen, their own day, Wednesday, will be of special importance to those who grow plants for sale. The program is as follows:

Address .....F. W. Power
Benefits to Be Derived from the Pacific Coast Nurserymen's Association and the American Association of Nurserymen.....
S. A. Miller
The Nursery Business in California: Present Needs and Future Possibilities..Leonard Coates
European Methods.....J. B. Pilkington
Fruit Varieties.....Prof. E. J. Wickson
Introductions at the Plant Introduction Garden of Possible Interest to Nurserymen..
Prof. P. H. Dorsett

ALAMEDA, CAL.

Alleging that the fumes from the pottery works of N. Clark & Son in West Alameda ruin his plants, F. W. Vowinckel, an Alameda nurseryman, whose property is in the vicinity of the pottery works, has begun suit for injunction and $5,000 damages. If he wins his case and secures a permanent injunction, it will close a plant worth approximately $1,000,000, which has been running in Alameda for about a quarter of a century. No buildings are very close to it, but it is surrounded by vegetable gardens and the nursery of Vowinckel.

In his complaint Vowinckel charges that the company has for some time been manufacturing sewer pipe, and has been burning crude oil and other fuel in its furnaces in such a negligent manner that the smoke, soot and gases emitted destroy vegetation within a considerable radius, among the properties affected being that of the plaintiff.

This is the second suit of the kind to be instituted by plant growers in Alameda. Some years ago vegetable gardeners of the west end won a damage and injunction suit against the Pine Smelter, and the plant was closed and moved away.

SAN FRANCISCO.

The Market.

We have had a series of dry winds for the last few days and are greatly in need of a few showers. The lack of sunshine has had a tendency to make flowers scarce, and the growers will take advantage of that fact, and a general raise of prices can be expected. The outside mums are holding out splendidly, the weather having been favorable for them thus far. The growers are charging the retailers from $1.50 to $2.50 per hundred and there will be no surplus. Violets are in fair supply, although the weather is not favorable. The stores have been paying a uniform price of $1 per dozen bunches to the wholesalers. There is no change in the quality or price of roses and there is plenty of stock, especially of the short stemmed. Good Beauties are scarce, and as for fancy stock, there is none at present being offered. Valley and Romans are in short supply. Many growers have done nothing in the line of flowering bulbs this season, and there is bound to be a shortage of such stock for the holidays. Smilax is in good supply, but maidenhair and asparagus show a tendency to be scarce. Business is fair in the general lines, and funeral trade has been good for several weeks. The general opinion about Thanksgiving seems to be that we will have plenty of trade for everybody.

Various Notes.

A visit to the orchid houses of J. C. Siegfried, in Alameda, shows a lot of the best commercial varieties in splendid condition. A heavy demand is reported, with many orders for Thanksgiving.

At the nurseries of M. Lynch, at Menlo Park, much activity in shipping is evident. This firm sells but little of their large output in San Francisco, the majority of everything grown being expressed to interior and northern cities. An immense house full of smilax is being held for the holidays.

Thorsted & Co., of Fruitvale, are exhibiting a new seedling white carnation. It is the size and shape of Wolcott, but does not burst and is sweet scented. Another season's trial will be given it before extensive propagation will be carried on.

The city of Oakland will hire half a dozen additional gardeners for the various plazas. Ninety dollars per month are the wages paid in this department.

Charles Beebe, late of Trumbull & Beebe, is at present connected with the relief bureau, which was organized to aid the victims of the late earthquake and fire.

The Boland Floral Co. has established itself in a creditable manner on Geary street. It is the first florist to come down town since the fire.

J. D. Marion has departed on a two weeks' trip to southern California and Arizona. G.

Unrooted CARNATION Cuttings

	Per 1000	Per 5000		Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25 00	**Prosperity,** fancy	$6.00	$25.00
Wolcott, best white	5.00	20.00	**Mrs. Joost.** pink	5 00	20.00
Flora Hill, still good	5.00	20.00	**Mrs. T. Lawon,** pink	6.00	25.00

250 at 1000 rate; 2000 at 5000 rate. If you send cash I will pay the express.

A. MITTING, Wholesale Florist 17 to 23 Kennan St., **Santa Cruz, Cal.**

Mention The Review when you write.

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong field-grown divisions, **true to name,** $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz,, Cal.

Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS

1,000 seeds, $2.00. 25 000 seeds, $35.00.
6,000 seeds, 10.00. 50,000 seeds, 65.00.
13,000 seeds, 20.00. 100,000 seeds, 110.00.

F. Gilman Taylor Seed Co., Glendale, Cal.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $2.00 per 100.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

The following from 2-inch at $2 00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).

Smilax, 2½-in., $2.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Eur ope, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

HEELING IN.

Much valuable deciduous stock is lost every season by the ordinary dealer from carelessness in heeling in and the subsequent lack of attention. I have spoken especially of hardy deciduous trees and shrubs, as they are handled almost entirely during the winter and early spring and usually without any soil on the roots. To begin with, it is not a sensible idea to attempt to dig anything in the line of deciduous stock before it is perfectly dormant, or as near so as it gets in this climate. The old rule was to wait until we had a couple of sharp frosts, but as they do not always appear in California, I find it is a better plan to wait until we have sufficient rain to wet the earth to a depth of from eight inches to a foot. Sometimes this fails us, and, although it is usually not a profitable proceeding to attempt to handle stock with a pick and shovel, it is occasionally necessary to do so. But little is to be gained by the purchaser or the grower by this method, and the injury to the smaller roots should be a matter of concern. Customers, however, do not always use judgment and the nurseryman often has to transplant stock much against his will.

When the proper time has arrived for transplanting, it should be done without any unnecessary uncovering or delay

SPECIAL OFFER

Something Good and Cheap For Catalogue Men.

	Per 100
1000 Hibiscus Peach Blow, extra strong, 2-in. pots	$ 3.50
1000 Hibiscus Peach Blow, very fine plants, 3-in. pots	5.00
1250 Hibiscus, Double Crimson, 4-in. pots	5 00
500 Abutilon Dick de Lonlay, 2-in. pots	2.50
1500 Abutilon Maiden Blush, 2-in. pots	2.50
2000 Geranium Achievement, strong, 2½-in., finest of all the hybrids, Ivy-zonale section	3.00
1000 Gertrude Pearson, extra fine, 3-in. pots	4.00
500 Lonicera Superba Gigantea, novelty, the grandest giant flowered, large foliaged, honeysuckle in existence	10.00
1200 Begonia Argenteo-Guttata, strong, 2½ in	3.00

	Per 100
2000 Hydrangea Otaksa Monstrosa, extra heavy stock, 3-in. pots	$ 4.00
500 Lantana Trailing Queen, 2½-in. pots	2.00
1150 Crimson Rambler Roses, 2-year-old, extra fine canes, 4 to 5 feet high	15.00
1300 Climbing Clothilde Soupert Roses, very fine stock, 2 to 4 branches, 4 to 5 feet high	15.00

(Roses shipped without soil on the roots in dormant condition during December with perfect safety,) f. o. b. Los Angeles. No less than 100 lots at 100 rate, on any of above.

The above are all extra fine stuff and cheap at the prices quoted. Cash with all orders.

HOWARD & SMITH, Inc., ...Nurserymen... P. O. Box 484, LOS ANGELES, CAL.

Mention The Review when you write.

CARNATIONS

250,000 healthy, well rooted Cuttings of choice and standard varieties, as follows: Hannah Hobart, Enchantress; Red, White, Pink and Variegated Lawson; Estelle, Mrs. Joost, G. H. Crane, America, Eldorado, Harlowarden, Gov. Wolcott, Queen Louise, Flora Hill, Governor Roosevelt, Richmond Gem, Genevieve Lord, Argyle and Gaiety. Write for price list, terms, etc to

THE HERMITAGE CARNATION CO., D. F. Roddan, Prop., LOOMIS, CAL.

Mention The Review when you write.

PALMS

25 **Phoenix Canariensis**	4 to 6 ft.
40 " "	3 to 4 ft.
10 **Chamaerops Excelsa**	2 to 3 ft.
40 **California Fan**	3 to 6 ft.
10 **Erythea Edulis**	2 to 3 ft.
20 **Australis Corypha**	2 to 3 ft.
20 **Dracaenas**	4 to 6 ft.

Good, hardy stock, never been under cover. Must be moved this season. Price (which is low) on application.

W. E. KING, Florist
East Santa Cruz, Cal.

Mention The Review when you write.

FIELD-GROWN ROSES

Over 100 varieties. Something you "need in your business." Cochet, pink and white, heavy, at $7.50 per 100, and nice stock at $5.00 per 100. Teplitz, same price. Climbing Cecil Brunner, very heavy, at $7.00 per 100. (The only Polyantha of real merit.) We ship to every part of the Union and "know how." Pay you to buy at headquarters. Send for wholesale list. California Rose Company, POMONA, CAL. (Formerly of Los Angeles.)

until it is replanted. Care should be taken to pack the soil firmly around the stock so that it will not act as a sponge and the trench as a basin in which the roots get too much moisture, with the result that if it is too long continued they generally commence to decay. The top may not show the effect of this for months, or long after they have been sold and planted in some other part of the country. This is especially noticeable in trees that do not require an excess of moisture even when growing.

Another fact often noticed, especially in packing grounds, is the careless manner in which stock is pulled out of the ground, with the result that there are always a few trees left each time with exposed roots, which the attendant never has time to cover. If the weather is frosty, with drying winds, both of which are very common in California, the roots and tops suffer greatly, and I have seen hundreds of fine looking stock sent out and every one of them long past recovery.

The habit of heeling in trees in bundles has much to do with this state of affairs. The dealer usually ties his trees in bunches of ten trees each and plants them in rows. If the roots are large the three or four trees forming the center of the package are rarely sufficiently covered to keep out the air, and unless the soil is well sifted among the roots when they are planted in this way they invariably die out or get such a setback that they never fully recover.

Another mistake is to heel in stock in a situation where a considerable quantity of water will stand during the season. The dug row in which the trees are standing usually acts as a trough and collects all the moisture in the neighborhood. This does not apply so particularly to sandy soil as it does to heavier soil.

Trees should not be left in the trench till they are well out in leaf before transplanting. If for any reason it is desired to keep them without permanently replanting, they can be shifted every few weeks, and in this way kept partially dormant for a couple of months without much injury. G.

SPOKANE, WASH.

State of Business.

With the first fall of snow the winter season seems fully started and few windows display anything but the king of the early winter—the chrysanthemum. Each firm has to be content with a small show of its own, and reading in the trade paper of the combined efforts of our friends in the east to produce the splendid exhibitions of last week.

Those who handle stock grown in the coast cities have had their patience severely tried by the flood that has visited the western portion of our state, washing out our railroads, thus causing a suspension of all transcontinental traffic for the last eight days. But at this writing we can look for a regular schedule, as those roads severely damaged will bring in their trains over other roads. This disaster has interfered more seriously with the violet trade than with any other part of the business, as the eastern section of the state does not produce this necessary article.

Various Notes.

Sanders is handling some choice roses and reports a large amount of funeral work.

Armstrong & Wright have an attractive display of white and yellow mums and used a quantity in decorating for the Dickson-Dennis wedding.

The Spokane Florist Co. is fully established in its new quarters and has recently added a basement store room. The company had a large decoration at Coeur d'Alene, Idaho, last week for a banquet, tendered the Masons at the Hotel Idaho.

Hoyt Bros. are to be congratulated that they did not suffer a serious loss by the disastrous fire, which occurred next door to them. KENNEDY.

DOMOTO OF SAN FRANCISCO.

The following story of one of San Francisco's largest growers comes from Pueblo, Colo.:

"M. Domoto, one of the wealthiest Japanese merchants in San Francisco, November 17 visited Charles Koike, leader of the Japanese colony in Pueblo. Domoto is the proprietor of an immense greenhouse establishment in San Francisco and has made a large fortune out of the business.

"He landed in the Golden Gate city fifteen years ago and opened a small flower store, making the chrysanthemum his specialty. He recently erected a large building which is the headquarters for football players during the season. He is known as an authority on the game and is always in attendance at the larger contests. When jiu jitsu was first spoken of in this country Domoto demonstrated its usefulness by putting down the center rush of one of the heaviest teams around the bay. Domoto and Koike were intimate friends in Japan and while making a business trip to Salt Lake the former took occasion to come to Pueblo to visit his friend."

THE REVIEW is the pusher.—J. G. ANGEL, Neosho, Mo.

RHINEBECK'S VIOLETS.

The following is by Samuel J. Thompson, of West Chester, Pa., who recently paid a visit among relatives at Rhinebeck, N. Y.:

"The extension of the violet business is marvelous. Fifteen years ago there were three violet growers in Rhinebeck, and a thousand or so square feet of glass covered their plants. The superiority of their product created a growing demand and today there are ninety-two owners of violet houses, who care for nearly 500,000 square feet of glass under which are 800,000 plants producing 35,000,000 flowers annually, at an income of $175,000 for an average season's production.

"In the 340 violet houses of that section more than 300 people are employed, except during the summer, when the young plants require little attention. The average houses are about 24x150 feet, and in each house about 6,000 plants are grown. The average plant yields fifty flowers and good stock averages net to the grower 50 cents per hundred. The first picking is made in September, and the season usually ends in the following April. The Rhinebeck violets are superior to others, because they are larger, have longer stems, a better color, and a more lasting fragrance. Shipments are made largely to New York city, Chicago, Buffalo and some to Philadelphia, Detroit and Washington.

"The soil in that vicinity seems to be just right for the needs of the violets, and the industry seems to be permanently established, with benefit to the community."

ELBERON, N. J.

A meeting of the Elberon Horticultural Society was held November 19, President Robertson in the chair. There was a large attendance. Two new members were elected. A number of questions out of the question box tending to the betterment and progress of the society were discussed.

W. D. Robertson was awarded the gold medal presented by George Steele, of the Shrewsbury Nurseries, for the member scoring the highest number of points during the year for exhibits at the regular meetings.

A number of beautiful exhibits were staged. W. D. Robertson was awarded a certificate of merit for a magnificent specimen of Microlepia hirta cristata. A. Bauer showed a good vase of Carnation Victory. J. Kennedy exhibited some hardy chrysanthemums which were much admired, while F. Dettlinger had some nice vegetables. G. M.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.
Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.
Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

Mention The Review when you write.

ROOTED CUTTINGS

Heliotrope, blue, 75c per 100, prepaid.
Vinca Variegata, 90c per 100, prepaid.
Ageratum Gurney and Pauline, 60c per 100, prepaid.
Verbena, mixed, 60c per 100, prepaid.
Umbrella Plants, 7-inch, 1½c.
Asparagus Pl. Nanus, 2-in., 2c. Cash.
Pansy Plants, Giants, all sold for this season. Many thanks, friends. Remember us next year.

Shippensburg Floral Co., Shippensburg, Pa.

Mention The Review when you write.

CARNATIONS ROOTED CUTTINGS FOR JANUARY, 1907 DELIVERY.

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.
BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.
ARISTOCRAT. Beautiful cerise pink. $12.00 per 100; $100.00 per 1000.
ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.
WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Ludvig Mosbaek, Onarga, Ill.

ASPARAGUS Plumosus Nanus and Sprengeri, 4-in., $8.00; 3-in., $5.00; 2¼-in., $2.50; 2-in., $2.00 per 100.
FERNS—Boston, Piersoni, Anna Foster and Sword. 2¼-in. and 3-in., $3.00 and $6.00 per 100; 6-in. $4.00, 8-in. $12.00, 10-in. $25.00 per doz.
150,000 CANNAS—In 35 leading varieties, true to name. Send list for special quotations. Descriptive list and price list mailed free, or see Florists' Review of Nov. 1, page 1585.
List of 50,000 hardy perennial Herbaceous plants, field and pot-grown.

Mention The Review when you write.

A SAFE INVESTMENT

CARNATION HELEN GODDARD

Is filling all the claims of its introducers. A money-maker for all who plant it. Our stock is in excellent condition and only strictly A-1 cuttings will be sent out. Rooted cuttings ready Jan. 1, **$50.00 per 1000.**

Write for prices on other standard sorts.

GEORGE E. BUXTON, NASHUA, N. H.

Mention The Review when you write.

FICUS ELASTICA

6-in., 40c each. 4-in., 22½c each.
Stock plants, 60c and 75c each.
Asparagus Nanus, 3-in. ..... 5c each
" " 5 and 6-in. ..... 10c each
Boston Ferns, 4-in. ..... 12½c each
" " pans ..... $1.00, $1.50, $2.00 each
Cash. No C. O. D.

W. C. SMITH 61st and Market Sts. PHILADELPHIA

Mention The Review when you write.

PRIMROSES

IMPROVED CHINESE. Finest grown, mixed, XXX, strong, 2-inch, $1.50 per 100.
CYCLAMEN GIGANTEUM SEED, 200, $1.00; ⅛ pkt., 50c.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. **Washington, D. C.**

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

FERNS

	Per doz.	100	1000
Boston Ferns, 2½-in.		$3.00	$25.00
" " 3-in.		6.00	
" " 4-in.	$1.50	10.00	
" " 5-in.	2.25	15.00	
Piersoni, strong runners, 2½-in.		3.00	25.00
" " " 4-in.	1.50	10.00	
" " " 5-in.	2.25	15.00	
Scottii, " " 2½-in.		3.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-in.		7.00	
" 4-in.	1.50	10.00	
" 5-in.	2.25	15.00	
Whitmani, 3-in.		20 00	
Holly Ferns, 2½-in.		3.00	
Carex Japonica, 2½-in.		2.50	
Begonias, assorted, 2½-in.		2.50	
Crotons, 4 sorts, 3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock.		3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants		2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

Mention The Review when you write.

PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

"The Pronouncing Dictionary is just what I have wanted."
"The Pronouncing Dictionary fills a long-felt want."
"The Pronouncing Dictionary alone was much more value than the subscription price of the Review."

A Booklet just the size to fit a desk pigeon-hole and be always available.
Sent postpaid on receipt of 25c.

Florists' Publishing Co.
Caxton Building
334 Dearborn Street, Chicago

500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

Mention The Review when you write.

MELODY.....

The original Daybreak Sport from Mrs. Lawson, is a **money-making Carnation.** Produces just as well, sells just as well, ships better and lasts longer than Enchantress. Stock in good healthy condition, cuttings ready December 15. $10.00 per 100; $75.00 per 1000. Send in your order now.

Quality is Our Hobby

W. C. HILL FLORAL CO.
STREATOR, ILLINOIS.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Mention The Review when you write.

BOSTON FERNS

Fine pot-grown stock from 6 in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Mention The Review when you write.

Geraniums..

Standard named var., 2½-inch, strong, to make room, $2.00 per 100; $18.00 per 1000.

ASPARAGUS PLUMOSUS, 2-inch, strong, $3.00 per 100; $25.00 per 1000.

C. HUMFELD, CLAY CENTER, KANSAS

Mention The Review when you write.

ROOTED

Carnation Cuttings

Leading varieties. Write for prices

WM. WINTER, KIRKWOOD, MO.

Mention The Review when you write.

Orders now booked for rooted cuttings
OF

Carnations

Chas. Dauernheim, Jr.
KIMMSWICK, MO.

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

2½-in., 12c each; 3-in., 20c each; 4-in., 35c each. Very strong.

HENRY ERNST & SON, Washington, Mo.

Mention The Review when you write.

We are still booking orders for January delivery of

POCAHONTAS

If yours is not among them, better send it in at once; or still better come and see it growing. It will please you with its fine color and floriferousness. It is open for inspection any time. Always in bloom. Always in crop. $12.00 per 100; $100.00 per 1000. We also have the best of last spring's introductions, including **ROSE-PINK ENCHANTRESS, WHITE PERFECTION and VICTORY.** Our new list will be out about January 1. Send for it by mailing us a postal with your name and address.

A. F. J. Baur BAUR & SMITH F. S. Smith
38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

IMPERIAL

the variegated seedling carnation. A very early, free and continuous bloomer from October to July. A vigorous grower.

PINK IMPERIAL

Has the good qualities of Imperial. The color is a most pleasing shade of pink. Write for full description. **MY OWN ORIGINATION.**

Prices—Selected cuttings, delivery commencing in December, 1906. $2.50 per doz.; $12.00 per 100; $100.00 per 1000. 50 at 100 rate. 250 at 1000 rate. 5 per cent discount for cash with order.

The John E. Haines, scarlet for 1907, $6.00 per 100; $50.00 per 1000. Place your order at once.

John E. Haines, Bethlehem, Pa.

Mention The Review when you write.

Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA
674 W. Foster Avenue. CHICAGO

Mention The Review when you write.

Lilac Bushes

Large blooming, white fine for cutting, plants, from 4-6 feet high, about 150 of them. This lot will sell cheap on account of removal.

Also a few hundred peony roots, large clumps.

Write for prices.

R. FISCHER, Florist, Great Neck, L. I.

Mention The Review when you write.

BEGONIA

GLOIRE DE LORRAINE

4-inch pots.....$40.00 per 100
3-inch pots..... 25.00 per 100
This is as fine stock as you ever bought. and is especially grown for shipping.

A. JABLONSKY, Wellston, St. Louis Co., Mo.

Mention The Review when you write.

ORCHIDS For Spring Delivery

March, April and May, **Vanda Coerulea** and **Dendrobium Wardianum Lowii.** We quote prices per 100 plants. **Cypripedium Callosum,** we shall have one shipment of 5,000 plants. For June or July delivery, we shall have the rare **Vanda Sanderiana** and can quote prices per single plant or in quantity.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

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Florists' Review
When Writing Advertisers.

Enchantress

Unquestionably the grandest carnation ever introduced. For the past three years, cut flowers from my stock have wholesaled at an average advance of $1.00 to $3 00 per 100 over regular market quotations for fancy stock, owing to enormous size, perfect form and brilliant coloring. Over 35,000 cuttings of this variety sold last season with absolute satisfaction.

Orders booked now for December and later delivery. I guarantee my customers strong, healthy, thoroughly rooted cuttings; liberal count, careful packing, prompt shipment and the finest stock they ever saw. **$2.00 per 100; $18.00 per 1000.**

Price list of other varieties free.

SUNNYCREST GREENHOUSES
"Where the Carnations Grow." PHENIX, R. I.

Mention The Review when you write.

.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY
824 No. 24th St., PHILADELPHIA, PA.

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Orders now booked for rooted cuttings of
CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

KANSAS CITY.

The Market.

The market has been rather quiet. Stock is plentiful. Mums are moving slower than last week. Roses are quite plentiful, both pink and white. American Beauties are not so abundant and prices are high. Chrysanthemums are being used for funeral bouquets, mostly pink and white, although a few yellow have been seen. Violets are scarce and high. The weather has been bad the last week. It has been sleeting and snowing all week. This had quite an effect on business.

Various Notes.

R. J. Turner, of Independence, Mo., was in this city this week. He is looking up material to build a large greenhouse for forcing lettuce. Mr. Turner deals in ice in summer and is now to grow lettuce to sell in winter.

A. F. Barbe is cutting some fine mums. He grows Ivory to perfection. Few florists in this city can grow Ivory to any size. Mr. Barbe furnished one of the Walnut street stores 1,000 mums in one day last week. He is also cutting some fine Brides and Maids, and finds a ready sale for such stock. Mr. Barbe does a large Sunday business for the cemetery and has no opposition there.

R. S. Brown & Son were almost swamped with funeral work this week.

Mr. Fruedenthal reports business to have been quiet last week.

Mr. Broman, of Independence, did not sell his greenhouses, as has been stated.

Mr. Thornhill, at Rosedale, is about to shut down his greenhouses on account of no water at hand. He grows mostly lettuce and geraniums. As we have a deep snow, it will help out some, but it is rather uphill work to those who have to haul water.

The Alpha Floral Co. will move December 8 to 1105 Walnut street, where it will have quite a large place, with fine show windows. The old place was too small to accommodate the business done.

W. H. H.

Lancaster, O.—W. E. Gravett conducted a chrysanthemum show and sale, November 17, at Hickel's drygoods store.

Henderson, Ky.—J. C. Hoffman reports business to be good, especially in design work. Carnations and mums are in good demand.

Galena, Ill.—B. F. Vandervate conducted a flower show November 15 to 17 in the Caille building. The flowers on exhibition were of excellent quality and the show was well attended.

The New Ceramic Chrysanthemum

Stock plants, 20c each, while they last.
Also Bonnaffon, Chadwick, Jones and Nonin.

CHAL. PETERSON, East Liverpool, O.

Mention The Review when you write.

CHRYSANTHEMUM Stock Plants

Mary Mann, $3.00 per doz. **C. Touset** and **Rio d'Italie,** $1.25 per doz.; $10.00 per 100. **Mrs. Kalb, Pacific, Estelle, Appleton, M. Bailey, Enguehard, Maud Dean, Merstham Yellow, T. Eaton White** and **Yellow Bonnaffon, Yellow Jones,** $1.00 per doz.; $5.00 per 100. 5,000 **Ivory,** $4.00 per 100.

WM. SWAYNE, Box 226, Kennett Square, Pa.

Mention The Review when you write.

Rooted ROSE Cuttings

AMERICAN BEAUTIES,	per 100,	$3 00;	per 1000,	$25.00
KAISERIN	"	2.50	"	20.00
CARNOT	"	2.50	"	20 00
LA DETROIT	"	2.50	"	20.00

Chrysanthemum Stock Plants

The Best Commercial Varieties. $10.00 per 100, as follows:

WHITE	YELLOW	PINK
Bergmann	Monrovia	Shaw
Touset	Halliday	Enguehard
Alice Byron	Roi d'Italie	Morel
Buckbee	Yellow Eaton	Cash
Adelia	Appleton	Liger
Majestic	Golden Wedding	Marion Newell
Nonin		

BASSETT & WASHBURN

Office, 76 Wabash Ave., Chicago. Greenhouses, Hinsdale, Ill.

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New Single Geranium SYCAMORE

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Vigorous grower, of dwarf habit and a continuous bloomer. Trusses measure from 6 to 8 inches in diameter. Unexcelled as a bedder. Has been grown by us and thoroughly tested for the past 4 years. Write for descriptive circular. Orders booked now for 2½-in. pots at $2.00 per doz.; $15.00 per 100. November to March delivery.

ST. CLAIR FLORAL CO., A. S. Halstead, Pres. Belleville, Ill.

Mention The Review when you write.

STOCK MUMS

Wm. Simpson, Polly Rose, Glory of Pacific, White and Pink Ivory, Major Bonnaffon, Robt. Halliday, Maud Dean, Adelia, Viviand-Morel, Lavender Queen, Yellow Jones, Queen, Silver Wedding, Geo. W. Childs, Dr. Enguehard and Alma (Pink Pompon), 75c per doz.; $5.00 per 100.

Asparagus Sprengeri, extra strong.
3-in. ..... $5.00 per 100
Dracaena Indivisa, strong, 3-in. ..... 6.00 per 100
" " " 4-in. ..... 12 00 per 100
" " " 6-in. ..... 50c each
Nephrolepis Bostoniensis, strong, 6-in. .. 50c each
" **Scottii,** strong, 5-in. ..... 35c each
" " " 6-in. pans .. 50c each
" " " 8-in. pans. $1.00 each

All are pot-grown and good value.

JOHN WALKER
YOUNGSTOWN, OHIO

ROOTED ROSE CUTTINGS

Bride, Maid, Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000. Clean, strongly rooted stock.

Asparagus Plumosus, 2-in., $3. 3-in., $6 per 100.

Stock Mums White—Estelle, Kalb, Willowbrook, Eaton; Pink—Shaw, Duckham, M. Bailey, Enguehard, Dean; Yellow—Oct. Sunshine, Yellow Eaton, Whilldin, Bonnaffon, Wedding, 75c per doz.; $6.00 per 100, for about two weeks. Order at once. Nonin, $1 per doz. **W. H. Gullett & Sons, Lincoln, Ill.**

Chrysanthemums

All varieties to suit everybody.

Send for preliminary list.

Nathan Smith & Son, Adrian, Mich.

SMITH'S

CHRYSANTHEMUM MAMUAL

By ELMER D. SMITH

Revised Edition — A complete practical treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

98 Pages. 32 Illustrations
Forty Cents Postpaid

Florists' Publishing Co.
520-540 Caxton Building
334 Dearborn St., Chicago.

POEHLMANN BROS. CO.

Stock Mum Plants

WHITE—Kalb, Alice Byron, Robinson, Adelia, White Bonnaffon, Crawford, Timothy Eaton, Chadwick, Merry Christmas, Willowbrook, Wanamaker.
YELLOW—Col. Appleton, Halliday, Yellow Eaton, Major Bonnaffon, Whilldin, Reiman, Merstham Yellow, Sunrise.
PINK—McNiece, Perrin, Enguehard, Maud Dean, Pink Ivory.
RED—Intensity.
75c per doz.; $6.00 per 100. For limited time. This stock will have to be moved to make room. Order as soon as possible.

Poehlmann Bros. Co., Morton Grove, Ill.

Always mention the Florists' Review when writing advertisers.

CHRYSANTHEMUM NOVELTIES

THIS YEAR I have to offer once more a splendid lot of new varieties. Among them will be found in whites:

MISS CLAY FRICK, the white sport of Wm. Duckham, winner of the Frick prize at Chicago.

Mrs. A. T. Miller, Moneymaker, Kathleen Stoop.

IN PINKS—Miss Mariam Hankey, Mrs. Walter Jenks, etc.

IN YELLOW—Mary Godfrey, Mrs. Geo. Hunt, Norman Davis, Buttercup, etc.

Also J. W. Moreman, Mrs. Henry Barnes, W. J. Crossley and many others.

I offer young stock for delivery early in the new year. 50 new varieties of Singles, the latest craze. Send for my complete list issued Dec. 1.

CHARLES H. TOTTY, Madison, N. J.

Chrysanthemum

STOCK PLANTS

Clementine Touset, October Chadwick, the best of all the earlies, long stems, fine blooms, easy to grow, a moneymaker. **Jeanne Nonin,** Thanksgiving white, will stand for the holidays. **Golden Age,** a real golden yellow. **Mrs. Buckbee,** grand white. **Yellow Duckham,** one of the best yellows. All strong, stock plants, $1 00 per doz.; $7.00 per 100.

Polly Rose, best early, **Ben Wells, Robinson, Alice Byron, Appleton, Golden Wedding, Silver Wedding, Dr. Enguehard,** 75c per doz.; $5.00 per 100.

Cash please, satisfaction guaranteed.

CRITCHELL'S

Avondale, Cincinnati, Ohio

Mention The Review when you write.

MUMS

STOCK PLANTS

Rosiere, pink	$1 50 per doz.
Amorita, pink	1.00 per doz.
Monrovia	.75 per doz.
Merstham Yellow	1.00 per doz.
Omega	.75 per doz.
C. Touset	1.00 per doz.
Mme. Bergmann	.75 per doz.
Willowbrook	.75 per doz.

ELI CROSS, GRAND RAPIDS, MICH.

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FLORISTS' REVIEW

When Writing Advertisers

Chrysanthemums

LARGE STOCK PLANTS

C. Touset, white **Ben Wells, white** **Golden Chadwick** **Monrovia, yellow**
Jeanne Nonin, white **Snow Queen, white** **Enguehard, pink**

ANY OF THE ABOVE, $1.00 PER DOZ.; $7.00 PER 100.

Mrs. Robinson, white **Chadwick, white** **T. Eaton, white** **Yellow Eaton**
Balfour, pink **P. Plumridge, yellow** **Chadwick, white**

ANY OF THE ABOVE, 75c PER DOZ.; $5.00 PER 100.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Long Distance Phone, Central 3120. Automatic 9923.

WHOLESALE GROWER of **CUT FLOWERS**

Mention The Review when you write.

SPECIAL SALE

MUM STOCK PLANTS

White—Kalb, Ivory, Mrs. Chadwick, Mutual Friend. **Yellow**—Pennsylvania, Col. Appleton, Golden Age. **Pink**—J. K Shaw, Murdock, Ivory, Vivand-Morel, Liger, Indiana. **Red**—The Bride.

GEO. A. KUHL, Pekin, Ill.

Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

Mum Stock

Polly Rose, Mme. Bergmann, Opah, Yellow Bonnaffon, White Bonnaffon, J. K. Shaw, Mrs. Robinson, October Sunshine, Pink and White Ivory, $4 00 per 100. Eaton, Willowbrook, Minnie Bailey, Maud Dean, Col. Appleton, $6.00 per 100.

Crabb & Hunter Co., Ltd., Grand Rapids, Mich.

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THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR SPECIALTY Get our figures

83-91 Plymouth Place, **CHICAGO**

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WASHINGTON.

The Market.

Chrysanthemums continue to monopolize attention. The local cut is now at its best and a few fine blooms are being received from out-of-town growers. Of the inferior grades there is a great supply and it does not take much money to get some kind of a flower. This does not mean that the bulk of the crop is inferior, but the inevitable culling leaves an accumulation of cheap flowers.

Various Notes.

A feature of the trade at present is a big lot of poinsettias being put on the market by A. B. Garden. They are long stems and better flowers than are usually seen at Christmas.

Z. D. Blackistone is receiving from the north shipments of a fine quality of the Enchantress carnation.

J. H. Small & Sons are handling fine blooms of several of the new varieties of carnations originated by Weber & Sons, of Oakland, Md.

The Thanksgiving trade is good. From now to the opening of congress is but a breathing spell. Then good-bye to the melancholy days.

Mr. Hanson, now in charge at F. H. Kramer's Anacostia range, is showing a disposition to push things.

A noteworthy feature on the fine grounds near Gude Bros.' range is a fine residence being erected for Adolphus Gude, the senior partner. A. F.

S. C. Briggs' place at Mount Pleasant is worth going to see. Mr. Briggs is a man who wants nothing but the best and his greenhouses show it in construction as well as productiveness. Here the new as well as the best standard varieties of carnations are grown to perfection and the roses are equally good. The American Beauties are fine and Killarney, Chatenay, Richmond, Wellesley, Safrano, Maid, Bride and Liberty are also grown. The palms and ferns are in a healthy condition and violets are coming into bloom. Mr. Briggs is an enthusiastic hybridizer and there are a lot of seedling roses and carnations, also geraniums, some of which look promising. Besides flowers, lettuce and tomatoes are grown. Carl Anderson is in charge and shows his ability in keeping the place in good order. X.

MARIETTA, O.—Charles Dudley, of Parkersburg, while in this city last week stated that he intends to have a chrysanthemum show with 10,000 blooms.

FERNS FROM BENCH

BOSTON—Ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Carnations

1500 Norway, extra large, healthy plants, $3.50 per 100; $30.00 per 1000.

Asparagus.....

Heavy 2½-in. plants, ready for a shift.

Sprengeri, extra fine $3.00 per 100; $25.00 per 1000

Jerusalem Cherries, 3½-in., $4.00 per 100. Now in bloom. These plants are ready for 5-in.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

Geraniums

FROM 2-INCH POTS, READY FOR IMMEDIATE DELIVERY.

ALLIANCE, Lemoine 1905. Hybrid, (Ivy and Zonal) semi-double, lilac white, upper petals feathered and blotched crimson maroon, 25c each; $2.00 per doz.

FLEUVE BLANC, the semi-double Bruant, that promises to become the standard white, flowers and foliage equal to Alph. Ricard, $1.50 per doz.; $10.00 per 100.

CACTUS GERANIUMS, four varieties, petals curled and twisted similar to the Cactus Dahlia. $2.00 per doz.; $15 00 per 100.

DOUBLE DRYDEN, $1.00 per doz.; $5.00 per 100. S. A. Nutt, Le Pilote, Beaute Poitevine, Mme. Barney, Centaure, Miss Kendell, Mme. Jaulin, Jean Viaud, Mme. Charotte, 40c per doz.; $2.00 per 100; $18.00 per 1000.

Ville de Poitiers, Marquise de Castellane, Berthe de Presilly, M. Jolly de Bammeville, Thos. Meehan, 50c per doz.; $3.00 per 100; $25.00 per 1000.

Send for Geranium Catalogue. Let us figure on your future supply.

ALTERNANTHERAS, red and yellow, $2.00 per 100; $15.00 per 1000.

HARDY ENGLISH IVY, $2.00 per 100; $15.00 per 1000.

SMILAX, $2.00 per 100; $15.00 per 1000.

RUBBERS, good stock from 4-in. pots, $2.00 per doz.; $15.00 per 100.

COLEUS, LEMON VERBENAS, 40c per doz.; $2.00 per 100.

AGERATUM, Inimitable, giant blue, 75c per doz.; $4.00 per 100.

VEGETABLE PLANTS

CABBAGE, Early Jersey and Charleston Wakefield, Succession and Early Summer, $1.25 per 1000; $8.50 per 10,000.

LETTUCE, Grand Rapids, Big Boston and Boston Market, $1.00 per 1000; $8.50 per 10,000.

PARSLEY, moss curled, $1.25 per 1000.

A cordial invitation is extended to all interested in Horticulture to visit us, Cowenton Station, Philadelphia division, B. & O. R.R., 12 miles north of Baltimore.

R. VINCENT, Jr., & SON, White Marsh, Md.

Mention The Review when you write.

Asparagus

Asparagus Plumosus, 2¼-inch, $2.50 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.

Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00; 5-inch, $15 00.

Piersoni Ferns, 5-inch, 30c; 6-inch, 40c each.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Alice Byron, Pearson, Halliday, Robinson, Appleton, Et. Bonnefond, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

BLOOMING PLANTS

For Thanksgiving.		Per 100
Cyclamen, in full bud and bloom, 4-in.		$1.00
" in full bud and bloom, 5-in.		15.00
Chinese Primroses, in full bud and bloom, 4-in.	per doz.	1.00
Primula Obconica, in full bud and bloom, 4-in.	per doz.	1.00
Christmas Peppers, full of berries, 4-in.		6.00
Araucarias, 3 tiers	each	.40
" 4 tiers	each	.50
Rubbers, 18 inches high	25c each,	20.00
Asparagus Sprengeri, 4-in.		5.00
Cinerarias, 2¼-in.		2.00
" 3-in.		3.00

C. WHITTON, CITY STREET, UTICA, N. Y.

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

Mention The Review when you write.

Special Sale of Whitmani Ferns

the best new one for 1907. Immediate delivery—2½-in., $12.50; 3-in., $25.00; 4-in., $50.00; 5-in., $75.00.

Azaleas, 3 sizes, 60c, 75c and $1.00.

Hydrangeas, 3 sizes. 50c, $1.00 and $1.50.

Azaleas will bloom for Christmas. Send for our new fern list.

GEO. A. KUHL, Pekin, Ill.

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WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.

Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.

Phoenix Canariensis, 2-in., $1.00 per doz.

Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.

Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100; $25.00 per 1000.

Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.

Boston Ferns, 5-in. $3.00 per doz.
" " 6-in. 6.00 per doz.
" " 7-in. 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.

Pteris Wimsetti, 3-inch, 75c per doz.

Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Araucaria Excelsa	6	3 to 5	$1.00	$12.00	
Asparagus Plumosus Nanus	4			1.25	
Asparagus Plumosus	2				$3.00
" "	3				6.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				6.00
" "	4			1.25	
" "	5			2.00	

Aucuba Japonica, 3½-ft., fine plants, $1.50 each.

Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.

Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.

Box Trees, 12 to 18 inches high, $4.20 per doz.

Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz., 7-inch, $1.00 each.

Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz.; 2-inch, $1.25 per doz.

Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.

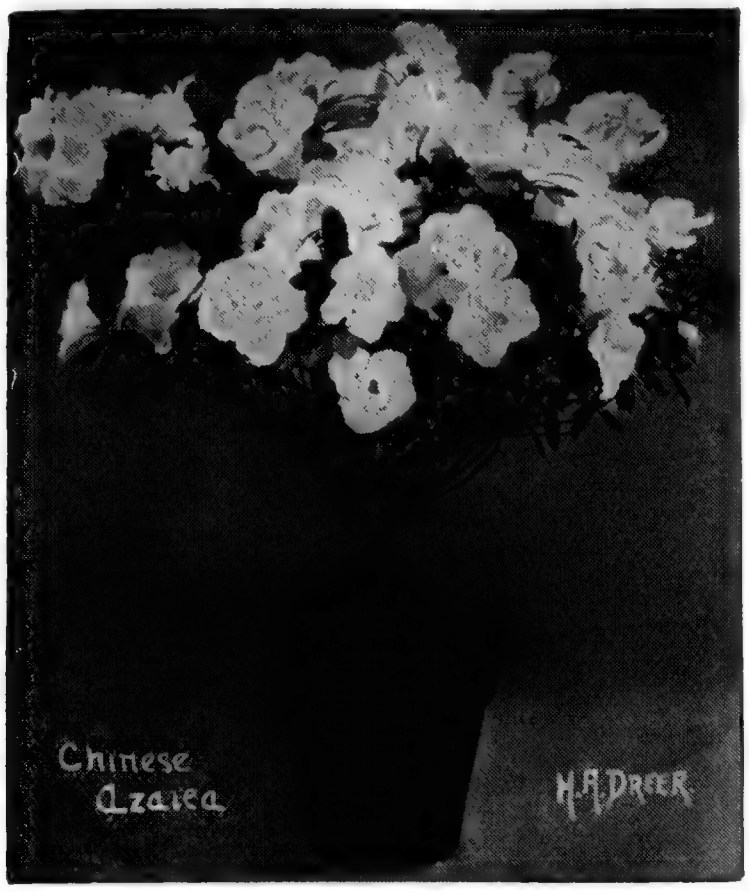
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.

Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

Mention The Review when you write.



Azaleas For Forcing

We can still furnish a fine lot of well budded plants at import prices for immediate delivery. We offer a full assortment of standard varieties.

	Per doz.	Per 100		Per doz.	Per 100
8 to 10-inch crowns	$3 25	$25.00	12 to 14-inch crowns	$6.00	$45.00
10 to 12-inch crowns	4.50	35.00	14 to 16-inch crowns	7.00	55.00
			16 to 18-inch crowns	12.00	90.00

A fine lot of plants of exceptionally good value in the following varieties, 18 inches in diameter at $18.00 per doz.

Deutsche Perle — **Simon Mardner** — **Niobe**
Empress of India — **Mme. Vander Cruyssen** — **Apollo**
Bernard Andre Alba — **De Schryveriana** — **Emperor of Brazil**

A nice lot of specimen plants, 18 to 20 inches in diameter at $2.00 each:

Mme. Camille Van Langenhove **Empress of India** **Simon Mardner**
Niobe **Bernard Andre Alba** **Mme. Vander Cruyssen**

A grand lot of specimen plants of **Mme. Vander Cruyssen,** 20 to 22 inches in diameter at $2.50 each.

Place your orders for Azaleas now as we will not carry any in stock after Jan. 1.

HENRY A. DREER
714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

...Wholesale Trade List...

Asparagus Plumosus, seedlings, ready for pots, $1.00 per 100; $8.00 per 1000.
Asparagus Plumosus, 3-in. pots, $5.00 per 100.
Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100. 3-in. pots, 75c per doz.; $5.00 per 100.
Paris Daisy, strong, 3-in. pots, $4.00 per 100.
Yellow Daisy Etoile d'Or, 3 in. pots, $5.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Ferns for dishes, fine assortment, 2-in. pots, $3.00 per 100.
Boston Ferns, strong, 6-in. pots, $3.00 per doz.
Geranium stock plants grown in pots: La Favorite, double white; Telegraph; John Doyle, Queen of the West, S. A. Nutt, scarlet; $1.00 per doz.
Hydrangeas Thos. Hogg, fine field-grown plants, $10.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

Mention The Review when you write.

FERNS

Piersoni and **Elegantissima,** from bench, 5c
Runners—**Piersoni,** 3c; **Elegantissima**....5c

ASPARAGUS

Plumosus and **Sprengeri,** 6-in.....20c
" " 3½-in.....5c

BEGONIAS—Good varieties mixed, 5-in.....15c

All first-class stock. Wi l exchange for 2½-in. Geraniums. Send me your list.

SHEARER, the Florist, Winchester, Ky.

Mention The Review when you write.

PANSIES of a Superior Strain

Vinca Minor, $3.00 per 100 to close out.
Dracaena Indivisa, strong, 4-in., $10 00 per 100.
Geraniums, 2½ in. pots, S A. Nutt, A. Ricard, Jean Viaud, Beaute Poitevine White Swan, $2.00 per 100: $18.00 per 1000. Cash or C. O. D.
Giant-flowering, stocky, $3 00 per 1000

C. F. MAHAN, R. D. 8, DAYTON, OHIO

Mention The Review when you write.

WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN

Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

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AZALEAS, PALMS, Etc.

Have a fine lot of Azaleas in the following varieties:

Apollo, red.
Hexe (Firefly), red.
Simon Mardner, pink.
Vervaeneana, variegated.
Empress of India, variegated.
Hermione, pink.
Helen Thelemann, pink.
Mme. Vander Cruyssen, crimson.
Niobe, white.
Prof. Wolters, variegated.

10–12-in., $35.00 per 100
12–14-in., 45.00 per 100
14–16-in., 55.00 per 100
16–18-in., 90.00 per 100
18–20-in., 150.00 per 100

Latania Borbonica, strong, 4-in.....$15.00 per 100
Kentia Belmoreana, 5-in., strong, bushy..... 60.00 per 100
Nephrolepis Elegantissima, 2½-in ..... 5.00 per 100

The Storrs & Harrison Co. PAINESVILLE, OHIO.

Mention The Review when you write.

10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in., $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4 in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

CASH PLEASE.

BENJ. CONNELL, West Grove, Pa.

Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

Mention The Review when you write.

Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

Mention The Review when you write.

10,000 FERNS

(Very Strong.)

	Per Doz.	Per 100
Piersoni, 5-inch	$3.50	$25.00
" 4-inch		10.00
" 3-inch		5.00
Scottii, 5-inch	4.00	30.00
" 4-inch		15.00
" 3-inch		8.00
Boston, 5-inch	3.50	25 00
" 4-inch		10.00
" 3-inch		5.00
Rubber Plants, 6-inch		35.00
" " 5-inch		25.00
" " 4-inch		20.00
1000 Hardy Ivy, 18-in., 3-inch pots		5.00
1000 Asparagus Sprengeri, 2½-in. pots,		3.50

J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

PRIMROSES

Obconica Alba and Rosea, $1.50 per 100; $12.00 per 1000.

ASPARAGUS

Plumosus Nanus, 2¼-in. pots, $18.00 per 1000.....$2.00 per 100
Pansy Plants, large-flowering, $3.00 per 1000; 50c per 100. CASH.

JOS. H. CUNNINGHAM, Delaware, Ohio

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WASHINGTON.

The Market.

Chrysanthemums continue to monopolize attention. The local cut is now at its best and a few fine blooms are being received from out-of-town growers. Of the inferior grades there is a great supply and it does not take much money to get some kind of a flower. This does not mean that the bulk of the crop is inferior, but the inevitable culling leaves an accumulation of cheap flowers.

Various Notes.

A feature of the trade at present is a big lot of poinsettias being put on the market by A. B. Garden. They are long stems and better flowers than are usually seen at Christmas.

Z. D. Blackistone is receiving from the north shipments of a fine quality of the Enchantress carnation.

J. H. Small & Sons are handling fine blooms of several of the new varieties of carnations originated by Weber & Sons, of Oakland, Md.

The Thanksgiving trade is good. From now to the opening of congress is but a breathing spell. Then good-bye to the melancholy days.

Mr. Hanson, now in charge at F. H. Kramer's Anacostia range, is showing a disposition to push things.

A noteworthy feature on the fine grounds near Gude Bros.' range is a fine residence being erected for Adolphus Gude, the senior partner. A. F.

S. C. Briggs' place at Mount Pleasant is worth going to see. Mr. Briggs is a man who wants nothing but the best and his greenhouses show it in construction as well as productiveness. Here the new as well as the best standard varieties of carnations are grown to perfection and the roses are equally good. The American Beauties are fine and Killarney, Chatenay, Richmond, Wellesley, Safrano, Maid, Bride and Liberty are also grown. The palms and ferns are in a healthy condition and violets are coming into bloom. Mr. Briggs is an enthusiastic hybridizer and there are a lot of seedling roses and carnations, also geraniums, some of which look promising. Besides flowers, lettuce and tomatoes are grown. Carl Anderson is in charge and shows his ability in keeping the place in good order. X.

Marietta, O.—Charles Dudley, of Parkersburg, while in this city last week stated that he intends to have a chrysanthemum show with 10,000 blooms.

Geraniums

FROM 2-INCH POTS, READY FOR IMMEDIATE DELIVERY.

ALLIANCE, Lemoine 1905. Hybrid, (Ivy and Zonal) semi-double, lilac white, upper petals feathered and blotched crimson maroon, 25c each; $2.00 per doz.

FLEUVE BLANC, the semi-double Bruant, that promises to become the standard white, flowers and foliage equal to Alph. Ricard, $1.50 per doz.; $10.00 per 100.

CACTUS GERANIUMS, four varieties, petals curled and twisted similar to the Cactus Dahlia. $2.00 per doz.; $15 00 per 100.

DOUBLE DRYDEN, $1.00 per doz.; $5.00 per 100.

S. A. Nutt, Le Pilote, Beaute Poitevine, Mme. Barney, Centaure, Miss Kendell, Mme. Jaulin, Jean Viaud, Mme. Charotte, 40c per doz.; $2.00 per 100; $18.00 per 1000.

Ville de Poitiers, Marquise de Castellane, Berthe de Presilly, M. Jolly de Bammeville, Thos. Meehan, 50c per doz.; $3.00 per 100; $25.00 per 1000.

Send for Geranium Catalogue. Let us figure on your future supply.

ALTERNANTHERAS, red and yellow, $2.00 per 100; $15.00 per 1000.

HARDY ENGLISH IVY, $2.00 per 100; $15.00 per 1000.

SMILAX, $2.00 per 100; $15.00 per 1000.

RUBBERS, good stock from 4-in. pots, $2.00 per doz.; $15.00 per 100.

COLEUS, LEMON VERBENAS, 40c per doz.; $2.00 per 100.

AGERATUM, Inimitable, giant blue, 75c per doz.; $4.00 per 100.

VEGETABLE PLANTS

CABBAGE, Early Jersey and Charleston Wakefield, Succession and Early Summer, $1.25 per 1000; $8.50 per 10,000.

LETTUCE, Grand Rapids, Big Boston and Boston Market, $1.00 per 1000; $8.50 per 10,000.

PARSLEY, moss curled, $1.25 per 1000.

A cordial invitation is extended to all interested in Horticulture to visit us, Cowenton Station, Philadelphia division, B. & O. R.R., 12 miles north of Baltimore.

R. VINCENT, Jr., & SON, White Marsh, Md.

Mention The Review when you write.

Asparagus

Asparagus Plumosus, 2¼-inch, $2.50 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.

Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00; 5-inch, $15 00.

Piersoni Ferns, 5-inch, 30c; 6-inch, 40c each.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Alice Byron, Pearson, Halliday, Robinson, Appleton, Et. Bonnefond, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

BLOOMING PLANTS

For Thanksgiving.		Per 100
Cyclamen, in full bud and bloom, 4-in.		$1.00
" in full bud and bloom, 5-in.		15.00
Chinese Primroses, in full bud and bloom, 4-in.	per doz.	1.00
Primula Obconica, in full bud and bloom, 4-in.	per doz.	1.00
Christmas Peppers, full of berries, 4-in.		6.00
Araucarias, 3 tiers	each	.40
" 4 tiers	each	.50
Rubbers, 18 inches high	25c each,	20.00
Asparagus Sprengeri, 4-in.		5.00
Cinerarias, 2¼-in.		2.00
" 3-in.		3.00

C. WHITTON, CITY STREET, UTICA, N. Y.

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We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

Mention The Review when you write.

Special Sale of Whitmani Ferns

the best new one for 1907. Immediate delivery—2½-in., $12.50; 3-in., $25.00; 4-in., $50.00; 5-in., $75.00.

Azaleas, 3 sizes, 60c, 75c and $1.00.

Hydrangeas, 3 sizes, 50c, $1.00 and $1 50.

Azaleas will bloom for Christmas. Send for our new fern list.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

FERNS FROM BENCH

BOSTON—Ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Carnations

1500 Norway, extra large, healthy plants, $3.50 per 100; $30.00 per 1000.

Asparagus.....

Heavy 2½-in. plants, ready for a shift.

Sprengeri, extra fine $3.00 per 100; $25.00 per 1000

Jerusalem Cherries, 3½-in., $4.00 per 100. Now in bloom. These plants are ready for 5-in.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.

Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.

Phoenix Canariensis, 2-in., $1.00 per doz.

Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.

Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100; $25.00 per 1000.

Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.

Boston Ferns, 5-in. $3.00 per doz.
" " 6-in. 6.00 per doz.
" " 7-in. 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.

Pteris Wimsetti, 3-inch, 75c per doz.

Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Araucaria Excelsa	6	3 to 5	$1.00	$12.00	
Asparagus Plumosus Nanus	4			1.25	
Asparagus Plumosus	2				$3.00
"	3				6.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				6.00
" "	4			1.25	
" "	5			2.00	

Aucuba Japonica, 3½-ft., fine plants, $1.50 each.

Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.

Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.

Box Trees, 12 to 18 inches high, $4.20 per doz

Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz. 7-inch, $1.00 each.

Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz.; 2-inch, $1.25 per doz.

Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.

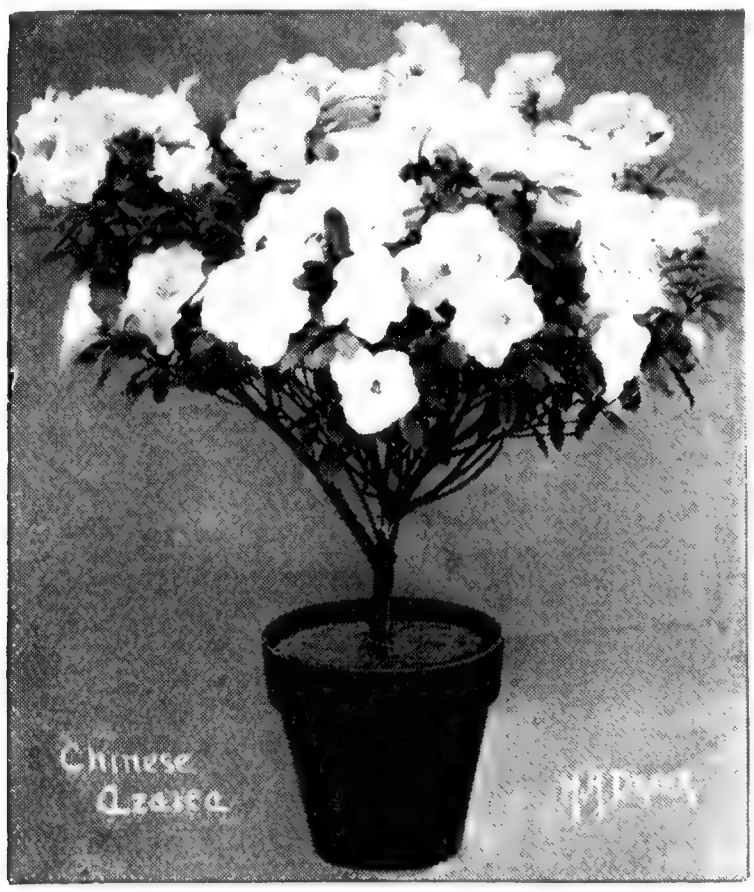
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.

Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

Mention The Review when you write.



Azaleas For Forcing

We can still furnish a fine lot of well budded plants at import prices for immediate delivery. We offer a full assortment of standard varieties.

	Per doz.	Per 100		Per doz.	Per 100
8 to 10-inch crowns	$3 25	$25.00	12 to 14-inch crowns	$6.00	$45.00
10 to 12-inch crowns	4.50	35.00	14 to 16-inch crowns	7.00	55.00
			16 to 18-inch crowns	12.00	90.00

A fine lot of plants of exceptionally good value in the following varieties, 18 inches in diameter at $18.00 per doz.

Deutsche Perle **Simon Mardner** **Niobe**
Empress of India **Mme. Vander Cruyssen** **Apollo**
Bernard Andre Alba **De Schryveriana** **Emperor of Brazil**

A nice lot of specimen plants, 18 to 20 inches in diameter at $2.00 each

Mme. Camille Van Langenhove **Empress of India** **Simon Mardner**
Niobe **Bernard Andre Alba** **Mme. Vander Cruyssen**

A grand lot of specimen plants of **Mme. Vander Cruyssen,** 20 to 22 inches in diameter at $2.50 each.

Place your orders for Azaleas now as we will not carry any in stock after Jan. 1.

HENRY A. DREER
714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

...Wholesale Trade List...

Asparagus Plumosus, seedlings, ready for pots, $1.00 per 100; $8.00 per 1000.
Asparagus Plumosus, 3-in. pots, $5.00 per 100.
Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots $2.00 per 100
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100. 3-in. pots, 75c per doz.; $5.00 per 100.
Paris Daisy, strong, 3-in. pots, $4.00 per 100.
Yellow Daisy Etoile d'Or, 3 in. pots, $5.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Ferns for dishes, fine assortment, 2-in. pots $3.00 per 100.
Boston Ferns, strong, 6-in. pots, $5.00 per doz.
Geranium stock plants grown in pots: La Favorite, double white; Telegraph; John Doyle, Queen of the West, S. A. Nutt, scarlet; $1.00 per doz.
Hydrangeas Thos. Hogg, fine field-grown plants, $10.00 per 100.
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Runners—**Piersoni,** 3c; **Elegantissima,** 2c

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Hermione, pink.
Helen Thelemann, pink.
Mme. Vander Cruyssen, crimson.
Niobe, white.
Prof. Wolters, variegated.

10-12-in., $35.00 per 100
12-14-in., 45.00 per 100
14-16-in., 55.00 per 100
16-18-in., 90.00 per 100
18-20-in., 150.00 per 100

Latania Borbonica, strong, 4-in. ... $15.00 per 100
Kentia Belmoreana, 5-in., strong, bushy ... 60.00 per 100
Nephrolepis Elegantissima, 2½-in ... 5.00 per 100

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10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4 in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

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J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

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ASPARAGUS

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Pansy Plants, large-flowering, $3.00 per 1000. 50c per 100 Cash.

JOS. H. CUNNINGHAM, Delaware, Ohio

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INDIANAPOLIS.

Judging by reports from several growers, the last week has been the mum week of the season, both for flowers and orders. All the retailers' windows were decorated with mums of all colors and sizes, and the market was simply glutted. No price could tempt a buyer. It is to be hoped that prices will take a decided rise on November 29, so that the day may be a real Thanksgiving for the trade.

Robert Ellis, with Bertermann Bros., has become a benedict, having married Miss Morgan, of Anderson. Miss Morgan was formerly with Stuart & Haugh.

R. A. McKeand, florist at the Soldiers' Home, Marion, was in the city last week shaking hands with his many friends.

A. F. J. Bauer and E. Larsen paid a visit to F. Dorner & Sons Co., La Fayette, and saw many interesting things among the carnations. The benches of White Perfection were especially fine. The firm has some seedling chrysanthemums that will make their mark later.

Visitors this week: A. B. Hyatt, of Anderson; George Fulle, of Richmond, and W. W. Coles, of Kokomo. S.

NEW ORLEANS.

The opening of the theatrical season, when fashionable society takes a great interest, also race track and balls in advance of the carnival time, is bringing a good demand for flowers and decorations. Plants are just now not in much demand, and we are preparing our stock for the holidays and in anticipation of a good spring sale. The markets are generally dull, only foliage plants being disposed of.

Jules Fonta has been taking the place of E. Baker at the Upper city park. Several planters from Central America have been visiting the different parks lately. What does not seem to be generally known is that the Ficus elastica, which is grown here in quantity for decorative purposes, is not the kind from which the most of india rubber gum is extracted. They took great interest in the variety of ficus which is kept in the horticultural hall at Audubon park. They promised to forward to the association some exotic plants from Central America in exchange for some of our own production.

M. M. L.

I take great pleasure in reading the Review every week.—Joseph Ferry, Cornwall, Pa.

Aurora, Ill.—The chrysanthemum show, given by the Ladies' Aid Society at the opera house, November 14-16, was a success. The proceeds netting a neat little sum for the society.

Araucaria Excelsa, 5-in. pot, 50c and 75c each, three to four tiers; 5½-in. to 6-in., $1.00, $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00 to $3.50.

Asparagus Plumosus, 4-in. pots, $1.50 per doz.; 4½-in. pots, $2.00 per doz.; extra large in 4½-in. pots, $3.00 per doz.

Asparagus Sprengeri, $5.00 per 100.

Azaleas in bloom, 75c to $20.00 each.

Begonia Gloire de Lorraine, $6.00, $9.00, $12.00 and $18.00 per doz. Also some larger plants.

Begonia Gloire de Lorraine, wire hanging baskets, $2.00, $3.00, $4.00 each, can be planted to order.

Cyclamen Persicum, $4.00, $6.00, $9.00 and $12.00 per doz.

A limited number of large plants made up in pan, $1.50 and $2.00 each.

Superb Boxwood, just arrived, perfectly shaped.

Bushes for window boxes, 12 to 20 in. high from top of root ball, 75c a pair; 24 in. high, $1.00 a pair.

Pyramids, 3 ft. high, $2.50 and $3.00 a pair; 4 ft. high, $3.00 and $4.00 a pair; 4 ft. 6 in. high, $5.00 a pair; 5 ft. high, $7.00 a pair.

Boston Ferns, 5-in. pots, $3.00 per doz.; 6½-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50 and $3.00 each. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair.

Dracæna Fragrans, 6-in. pots, $6.00 per doz.; 7-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.

Dracæna Indivisa, 4-in. pots, $10.00 per 100; 5½-in. pots, $20.00 per 100.

Dracæna Terminalis, 5-in. pots, $4.00 per doz.; 5½-in. pots, $5.00 per doz.; 7-in. pots, $15.00 per doz.

Erica Fragrans, $1.50, $2.00 to $5.00 each.

Cash or satisfactory New York references.

Erica Regerminans, 75c, $1.00, $1.50 each.

Fruited oranges, $1.00, $1.50, $2.00 each, some at $5.00 each.

Epacris alba, $3.00 per doz.; larger plants, 5½-in. pots, $1.00, $1.25 each.

Ardisia crenulata, berries well colored, $6.00,

Scottii Fern, 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz.

N. Elegantissima, 5½-in. pots, $5.00 per doz.

N. Whitmani, 4½-in. pots, $6.00 per doz.

N. Piersoni, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

English Ivy, 4½-in. pots, $2.00 per doz.; $15.00 per 100, 3 to 4 ft. high.

Jerusalem Cherries, $4.00, $5.00, $6.00 per doz.

Kentia Forsteriana, combinations 3 and 4 plants in 8-in. pots, $1.50 to $3.00; 10-in. pots, $6.00 each; 14-in. pots, $15.00 to $20.00 each. Single plants, 50c to $2.00 each.

Kentia Belmoreana and Forsteriana, all sizes, single and combinations, from $1.00 to $20.00 each. Give us a trial.

Livistona Sinensis, superior to Latania Borbonica, 5 and 5½-in. pots, $5.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

Pandanus Veitchii, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.

Poinsettias in pans, low plants, $1.00 to $2.00 each.

Primula Obconica, $2.00 per doz.

Roman hyacinths in bloom, $2.50 per box.

Rubbers, 6-in. pots, $6.00 per doz.; 6½-in., branched, $9.00 per doz.; 6½-in. pots, single stem, $8.00 per doz.; 7-in. pots, branched, $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

Cash or satisfactory New York references.

Anton Schultheis

19th St. and 4th Ave., College Point, N. Y.

Mention The Review when you write.

ASPIDISTRAS

Var., 6 to 7-in. pots, 8 to 15 leaves, 10c; good leaf. Green, 6 to 7-in. pots, 8 to 15 leaves, good, 5c per leaf.

VINCA VARIEGATA

Field-grown, $4.00 and $5.00 per 100.

Cash or satisfactory references.

THEO. E. EDWARDS

478 Irving Ave., Bridgeton, N. J.

Mention The Review when you write.

POINSETTIAS

To close, 2½-in., $4.00 per 100.

Hydrangeas, 2½-in.	$3.00 per 100
" 4-in., pot-grown,	$8.00 to 10.00 per 100
" 5-in., pot-grown	20.00 per 100
Variegated Vincas, 2-in.	2.50 per 100
Begonia Sandersoni, 2½-in.	3.00 per 100

Mum Stock Plants

C. Touset, Early White.....$1.00 per doz.

The following at $1.00 per doz.; $6.00 per 100: **Pink**, Glory Pacific, A. J. Balfour, Wm. Duckham, Viviand-Morel, Maud Dean. **White**, Alice Byron, Polly Rose, Ivory, White Jones. **Yellow**, Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.

CASH WITH ORDER.

S. N. PENTECOST

1790-1810 101st St., N. E., CLEVELAND, O.

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ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,

WHITMAN, MASS.

Mention The Review when you write.

Nephrolepis WHITMANI

Young plants from bench.

$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

A Great Bargain

in **Boston Ferns** to clean them out at the following low prices, extra fine plants, out of 6-in., $40.00 per 100; 5-in., $20.00 per 100; 4-in., $12.00 per 100; 3-in., $7.00 per 100. **Rubber plants**, 5-in., $2.50 per doz. **Violets**, Princess of Wales, $4.00 per 100. CASH PLEASE.

CONVERSE GREENHOUSES, WEBSTER, MASS.

Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS

Rutherford, N. J.

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CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA

CYCLAMEN

From Seed Bed

75,000 Cyclamen Giganteum Persicum seedlings left, in 5 separate colors which we offer at the low price of $1.00 per 100; $8.00 per 1000; $75.00 per 10,000. STOP; don't think because we offer our seedlings cheap they are cheap quality, for the seed of this strain in small quantities sells at $5.00 per 1000 seeds.

Order at once from

D. U. Augspurger & Sons

Box 778, PEORIA, ILL.

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Geraniums

Rooted Cuttings—S. A. Nutt, Doyle, Double Grant, Buchner, Gervais, $10.00 per 1000.

CASH WITH ORDER

PETER BROWN, Lancaster, Pa.

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Orchids

28 HOUSES.

Imported, Semi-established, ESTABLISHED and FINE HYBRIDS Stove and Greenhouse Plants.

Inspection invited. Correspondence solicited.

JULIUS ROEHRS CO., Rutherford, N. J.

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ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

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Orchids From Philippines

Phalaenopsis Schilleriana, we are ready to give quotations upon plants with 1 to 3 leaves, per 100 plants, or upon sound plants without leaves, per 100 plants, for immediate delivery, F. O. B. Hamburg.

A. HELD, 11-19 William St., NEW YORK

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ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

Mention The Review when you write.

VINCA VARIEGATA, 2½-in. pots, $2.50 100; $20 1000

Pansy Plants, strong and stocky. Flowers immense size, all colors, rich and rare, from a strain second to none, $4.00 per 1000.

Geraniums, 2-in., standard, all colors, $2.00 per 100; $18.00 per 1000.

Dahlia Clumps, named, $5.00 per 100.

The National Plant Co., Dayton, Ohio

Always mention the Florists' Review when writing advertisers.

Prepare For . . . CHRISTMAS

An immense stock of CHOICE CHRISTMAS PLANTS are now ready for immediate shipment. PRICES SLAUGHTERED ONE-HALF.

Is it possible to sell **Araucaria Excelsa,** 4 years old, 18 to 23 inches high, 5 to 6 tiers, for 75c? **Yes!**

ASCHMANN DOES IT!

Great Prosperity is in sight for us all; why not for you? A little fortune lays in front of your door; grab it now when you have a chance. Look at others; see how successful they are. Why? Because they are wide-awake, they watch every opportunity and take advantage of bargains. A big demand is in sight for the holidays for the much-admired Decorative Plants.

Araucaria Excelsa, Araucaria Excelsa Glauca and **Araucaria Compacta Robusta.** Where have you thought of buying them? Surely from a man who makes a specialty of importing araucarias and who can offer you Bargains. Godfrey Aschmann is the man. He has had the reputation for the last ten years of being the great IMPORTER and DEALER in araucarias of America. Prices are slaughtered one half. Never have been offered so low in the history of araucaria cultivation. Why is that? Simply for the reason to

Obtain Room for the Cultivation of Our Great Easter Stock.

About 5,000 araucarias, together with an immense stock of ferns, palms, rubbers, Gloire de Lorraine begonias, azaleas and thousands of other plants which must be sold by Christmas.

TAKE NOTICE!

Araucaria Excelsa, Glauca, Compacta, Robusta, only spring importations are offered raised in pots all summer and can be shipped safely.

Araucaria Excelsa, 5½-in. to 6-in. pots, 18 to 23 inches high, 5 to 6 tiers, 4 years old, 75c; 6-in. pots, 23 to 25 inches high, 5 to 7 tiers, 4 years old, $1.00; 6 to 7-in. pots, 25 to 30 inches high, 5 to 7 tiers, 4 years old, $1.25; 7-in. pots, specimen plants, $1.50, $1.75, $2.00.

Araucaria Compacta Robusta—Have several thousand of them; can supply all wants. These plants were never so fine in shape and condition as this year. The pet of the greenhouse. 6-in. pots, 3 tiers, 20 to 25 inches across, 12 to 18 inches high, 3 years old, $1.00 to $1.25; 6 to 7-in. pots, 4 to 5 tiers, 18 to 25 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, specimens, 6 to 7 tiers, 25 to 30 inches high, 5 years old, $2.00 to $2.50.

Araucaria Excelsa Glauca—This variety on account of its beautiful green-bluish tiers, dwarf habit, fine compact shape, gives it a striking appearance, and anybody seeing them, must undoubtedly fall in love with them at sight. 6-in. pots, 3 tiers, 20 to 30 inches across, 14 to 20 inches high, 3 years old, $1.00 to $1.25; 6 to 7-in. pots, 4 to 5 tiers, 20 to 30 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, 5 tiers, 30 to 35 inches high, 5 years old, specimen plants, $2.00 to $2.50. These plants are as broad as long and the finest you ever saw.

Cocos Weddelliana, 15c.

Areca Lutescens, 5-in. pots, 24 in. high, made-up with 3 plants, 35c; 4-in. pots, 20 to 24 in. high, made-up with 3 plants, 25c each.



No home is complete without an Araucaria.

OUR LITTLE PETS

From Aschmann, in Philadelphia, we bought
An araucaria, a pet for our little girl.
Now we have two pets, the pride of our thought:
The little girl so sweet, a head full of curls,
And the araucaria with its everlasting green—
A more joyful home you never have seen.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each; 4-in. pots, made-up plants, 3 plants in a pot, 18 to 25 inches high, 25c, 30c, 35c.

Ficus Elastica or Rubber Plants, 6-in. pots, 25 to 30 inches high, 40c to 50c.

Areca Sapida, just imported from Belgium, something new, very attractive, looks like a Kentia, 25 in. high, 50c each.

Asparagus Plumosus Nanus, 4-in. pots, large bushy, 10c to 12c.

Holly Ferns, 2½-in., 5c.

FERNS, all raised in pots and not on benches as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Ferns for dishes, 3-in., 6c; 2½-in., 5c.

Nephrolepis Elegantissima, 5-in. pots, 30c.

Asparagus Sprengeri, 4-inch pots, 10c.

Jerusalem Cherries (or Solanum), 6 to 7-in. pots, very bushy, full of berries, from $3.00 to $6.00 per dozen.

Dracaena Bruanti (imported), 30 in. high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

Cyclamen, will bloom for Christmas, 4-in. pots, 12c.

Chinese Primroses, 5¼-in., very strong in bud and bloom, for now and Xmas, $2.00 per doz.

Begonia Gloire de Lorraine, 6-in. pots in bud and bloom, for now and Xmas, 50c to 75c each.

Hydrangea Otaksa, only pot-grown is offered, sure success for Easter-forcing, 6-in. pots 25c; 7 to 8-in., 50c.

Begonia Flambeau, sells on sight, 4-in., ready for a shift into 6-in., 20c.

Begonia Erfordii, new improved, blooms all winter through, 4-in., 20c; 5¼-in., 25c.

Azalea Indica, for Christmas blooming, now ready; forced in bud and bloom and stored away in cold houses. Have all the leading varieties, such as Deutsche Perle, double white; Simon Mardner, double pink; and Vervæneana; double rose variegated, very large flowers. Price 50c, 60c, 75c, $1.00, $1.25 and $1.50 each. In the smaller sizes we have mostly white and a portion of the white must be taken with the colored.

In **Azaleas** for Easter blooming, we have only the best American varieties, such as Mme. Van der Cruyssen, Bernard Andre Alba, Simon Mardner, Empress of India, L. Van Houtte and many others. Price 35c, 40c, 50c, 75c, $1.00 and $1.50.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., **PHILADELPHIA, PA.**

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 142

ABUTILONS.

Abutilons, 2-in., $2.50 100. Cash.
Howard & Smith, Los Angeles, Cal.

ADIANTUMS.

Adiantum cuneatum, 2, 3 and 4-in., 3c, 5c and 8c. N. Studer, Anacostia, D. C.

Adiantum Farleyense, large plants, $18.00 doz. Cash. J. A. Peterson, Westwood, Cincinnati, O.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum, new, very dwarf, Little Blue Star, R. C., $1.00 per 100, mailed.
Ludvig Mosbaek, Onarga, Ill.

Giant blue ageratum, 75c doz.; $4.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternanthera brilliantissima, large stock plants from bench, $2.00 per 100. Yellow and versicolor, rooted cuttings, by mail, 50c per 100.
Eden Nurseries, Port Allegany, Pa.

Alternanthera brilliantissima, original stock, finest red of all, 65c 100. A. nana, 60c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, $2.00 100; $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

ALYSSUM.

Double alyssum, rooted cuttings, 50c 100; $3.00 1000. H. Stabenow, Reading, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

ANEMONES.

Anemone Japonica: Queen Charlotte, $6.00 100; Alba, Rubra, Whirlwind, $5.00 100. Others at low prices.
G. J. Keller, 725 Mt. Hope, Rochester, N. Y.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 6-in., $1.00 ea.; $12.00 doz. Wittbold Co., 1657 Buckingham Pl., Chicago.

Araucarias, 3 tiers, 40c; 4 tiers, 50c each.
C. Whitton, City St., Utica, N. Y.

ARDISIAS.

50 Ardisia crenulata, well set with berries, 4, 5 and 6-in. pots, 50c, 75c and $1.00 each.
H. Steinmetz, Raleigh, N. C.

Ardisias, well berried for Christmas, all sizes, 75c to $3.00 each.
Julius Roehrs Co., Rutherford, N. J.

ASPARAGUS.

Asparagus plumosus, 2-in., $3.00 100; 3-in., $6.00 100. Plumosus nanus, 4-in., $1.25 doz. Sprengeri, 2-in., $3.00 100; 3-in., $6.00 100; 4-in., $1.25 doz.; 5-in., $2.00 doz. A. scandens deflexus, 3-in., $1.25 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
J. Sylvester, Florist, Oconto, Wis.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00. 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Asparagus, in 3-in., A No. 1 plants, to close, $3.00 per 100. A. nanus, 2-in., $2.00 per 100.
U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri and A. plumosus, 2-in., $2.00 100. Byer Bros., Chambersburg, Pa.

Asparagus plumosus, 2½-in., $3.00; 2-in., $2.00; 3-in., $5.00 100. Seedlings from flats, $1.00 100, $8.00 1000. Sprengeri, 2-in., $2.00 100. C. Eisele, 11th & Roy, Phila., Pa.

Asparagus plumosus nanus, good 9-foot strings, 40c. Lighter ones, 25c. Cash with order, please. Can ship promptly.
R. Kilbourn, Clinton, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri plants. Nice plants just as they come from the flats, $6.00 per 1000 plants; 500 at 1000 rate.
B. H. Haverland, Pleasant Run, Ohio.

Asparagus plumosus, 2¼-in., $2.50 100. Sprengeri, 3-in., $5.00 per 100. Other sizes are given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Field-grown Asparagus Sprengeri, for 4, 5 and 6-in. pots, $5.00 per 100. They are fine.
S. J. Galloway, Eaton, Ohio.

Asparagus plumosus nanus and Sprengeri, 2½-in., $3.50; 3-in., $5.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Asparagus plumosus, strong, 2¼-in., ready for 3-in., $1.50 100; $14.00 1000. Cash.
Tong & Weeks, Ashtabula, O.

Asparagus plumosus nanus, strong, 2-in., $2.00 100; $18.00 1000; 250 at 1000 rate.
H. D. Fogg, Zanesville, O.

Asparagus plumosus nanus, 4-in., 10c to 12c. Sprengeri, 4-in., 10c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus plumosus and Sprengeri, 6-in., 20c; 3½-in., 5c.
Shearer, The Florist, Winchester, Ky.

Asparagus plumosus, Sprengeri, etc. See display adv.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Asparagus Sprengeri, 3-in., 6c; extra strong, 4-in., 12c.
Byron H. Ives, Albuquerque, N. Mex.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus Sprengeri, fine 2-in., $1.50 per 100; $12.50 per 1000. D. R. White, Sandusky, O.

Asparagus nanus, 3-in., 5c; 5 and 6-in., 10c. Cash. W. C. Smith, 61st & Market St., Phila.

Asparagus plumosus, 2-in., $3.00 100; $25.00 1000. C. Humfeld, Clay Center, Kan.

Asparagus plumosus, strong, 4-inch, $6.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Sprengeri, 5-in., extra strong plants, $10.00 per 100. Fifth Ave. Floral Co., Columbus, O.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00 100. W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 3-in., extra strong, $5.00 100. John Walker, Youngstown, O.

Asparagus Sprengeri, 3½-in., $4.00 per 100. Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Asparagus plumosus nanus, 2-in., 2c. Cash. Shippensburg Floral Co., Shippensburg, Pa.

Asparagus plumosus nanus. See display adv. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus, 4-in., $8.00 per 100. Maple City Greenhouses, Honesdale, Pa.

Asparagus plumosus. See display adv. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 2½-in., $3.50 100. J. D. Brenneman, Box 24, Harrisburg, Pa.

Asparagus Sprengeri. See display adv. C. Whitton, City St., Utica, N. Y.

Asparagus nanus, 2-in., $2.00 per 100. U. G. Harglerode, Shippensburg, Pa.

Asparagus plumosus, 3-in., 5c. N. Studer, Anacostia, D. C.

ASPIDISTRAS.

Aspidistras, 6 to 7-in. pots, 8 to 15 leaves. Variegated, 10c leaf; green, 5c leaf. Cash. Theo. Edwards, 478 Irving Ave., Bridgeton, N. J.

AUCUBAS.

Aucuba japonica, 3½ ft., $1.50 each.
Wittbold Co., 1657 Buckingham Pl., Chicago.

AZALEAS.

Azaleas for forcing. We can still furnish a fine lot of well budded plants at import prices for immediate delivery. A full assortment of standard varieties is offered in our display adv.
H. A. Dreer, 714 Chestnut St., Phila.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

Azaleas, in bloom, 75c, $1.00, $1.25 and $1.50 each. Baur Floral Co., Erie, Pa.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

Bay trees and box trees, standards and pyramids.
Wittbold Co., 1657 Buckingham Pl., Chicago.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready Dec. 15, $1.25 per 100.
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Begonia Gloire de Lorraine, Flambeau and Erfordii. Display adv. gives description and prices. G. Aschmann, 1012 Ontario St., Phila.

Begonia Gloire de Lorraine, in bloom, 6-in. pots, $1.00 each; 7-in. pots, $1.50 each.
Bentzen Floral Co., Grand Ave., St. Louis, Mo.

Begonia Gloire de Lorraine, 4-in., $40.00; 3-in., $25.00 100. A. Jablonsky, Wellston, Mo.

Flowering begonias, 2-in., 2½c. Rex, 3-in., 8c. Cash. Byer Bros., Chambersburg, Pa.

Begonia Argenteo-guttata, 2½-in., $3.00 100. Cash. Howard & Smith, Los Angeles, Cal.

Begonia Sandersoni, 2½-in., $3.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Begonias, good var., mixed, 5-in., 15c.
Shearer, The Florist, Winchester, Ky.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Rex begonias, 4-in., 8c. Cash.
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Begonias, 5-in., in bloom, 10c.
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Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

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Christmas peppers and Jerusalem cherries, strong, stocky plants, full of fruit and bloom, 5-in. pots, $8.00 100.
H. O. Hannah & Son, Sherman, Tex.

Christmas peppers, full of fruit and flowers, 4½ to 5-in., $12.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Jerusalem cherries, pot-grown, 4-in., $10.00; 5-in., $15.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Jerusalem cherries, very bushy, 6 to 7-in., $3.00 to $6.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Peppers, fine for Christmas, 3-in., 10c.
Fuhlbruegge Bros., Winona, Minn.

Jerusalem cherries, 3½-in., $4.00 100.
J. W. Dunford, Clayton, Mo.

Christmas peppers, $6.00 100.
C. Whitton, City St., Utica, N. Y.

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Amaryllis Belladonna, small, $1.00 and $2.00; medium, $4.00; large (monster), $5.00 per 100. Amaryllis Aulica, large, $10.00. Amaryllis formosissima, large, $3.00; choice hybrid seedlings, large, $20.00 per 100.
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Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

White Roman hyacinths, a few cases, 13 to 15, $28.00 per 1000. Nothing better to be had.
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Early forcing bulbs, ready now. Prices are given in display adv. Write for trade list.
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Clearing sale of bulbs, double and single tulips, Spanish and English iris.
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Amaryllis Johnsoni, blooming bulbs, $7.00 per 100; extra size, $10.00 per 100.
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Paper White narcissus, $8.00 1000.
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Bulbs, fancy, selected. Write
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Bulbs, plants and seeds.
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Cacti for window carpeting. Starfish cactus now in bud, $3.00 per 100, $20.00 per 1000. Echeveria Californica for small pot decorations, $1.25 per 100, $10.00 per 1000. Aloes and agaves, mixed mailing sizes, $1.25 per doz., $5.00 per 100. For cash only and sent by express, packed light.
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Christmas cacti, 2-in., $2.50 per 100.
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Cannas. Alphonse Bouvier, Pennsylvania, Partinope, Paul Marquant, Florence Vaughan, Alemannia, divided, $12.00 per 1000. We are booking orders now for spring delivery out of 2½-in. pots for the above cannas; also for roses, ferns and Vinca var. Write for list and prices. Fairview Floral Co., Beatty, Ohio.

150,000 cannas, 35 standard leading var., true to name. Descriptive list and prices mailed free. Send list for special quotation.
Ludvig Mosbaek, Onarga, Ill.

Cannas. 15,000 Louisiana and Mont Blanc, divided roots, 1 and 2 eyes, $5.00 per 100. Cash with order. The canna man,
A. B. Campbell, Cochranville, Pa.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

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Carnation Imperial, the variegated seedling, and Pink Imperial, the pink seedling, my own origination. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000; 5% discount for cash. December, 1906, delivery.
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Place your order now for January delivery of rooted carnation cuttings of Robt. Craig, Lady Bountiful, N. Fisher, P. Lawson, Enchantress, Harlowarden, and Aristocrat. Every cutting guaranteed. Andrew Peterson, Hoopeston, Ill.

Field-grown carnations.

	100	1000		100	1000
Queen	$5.00	$45	Lawson	$6.00	$50
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Carnation Pocahontas (crimson), to be disseminated next winter. Price, $12.00 100; $100.00 1000. Write us.
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Carnation Helen Goddard. Orders booked for rooted cuttings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
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Carnation Helen Goddard, rooted cuttings ready Jan. 1, $50.00 1000.
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NEW VARIETIES, $3.00 PER DOZ.

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Mrs. Duckham	Gen. Hutton
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Dr. Galloway	Reveil de Begle
C. Touset	Matchless
Lord Hopetoun	Jeanne Nonin
Cheltoni	P. Radaelli
G. Hamilton	

OLD VARIETIES, 50C PER DOZ.

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R. Halliday	Pink Ivory
White Ivory	Glory Pacific
Estelle	Col. Appleton
Mrs. Buckbee	Sunburst
Mounier	P. Plumridge
Alliance	M. Bonnaffon
G. Chadwick	W. A. Chadwick
Mrs. Robinson	Viviand-Morel
Mutual Friend	W. Bonnaffon
Yellow Eaton	White Eaton
Leila Filkins	Mrs. Thirkell
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Good strong chrysanthemum stock plants, $3.00 per 100.
Yellow and White Fitzwygram.

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Mildred Ware	Nagoya
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Beauty of Sussex	Alliance
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Best commercial varieties, early to late. Per doz.:

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Estelle	$0.75	Monrovia	$1 00
C. Touset	1.00	R. Halliday	1.00
Mrs. Robinson	1.00	Roi d' Italie	1.00
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W. Chadwick	1.00	Mrs. Duckham	1.00
W. Bonnaffon	1.00	P. Plumridge	1.00
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WE WANT TO GET RID OF THESE STOCK MUMS, merely to get the room. AS AN INDUCEMENT WE WILL SLAUGHTER 5000 at these rates: Polly Rose, Merstham Yellow, Robinson, Appleton, Duckham, Enguehard, Nellie Pockett, Leila Filkins, White and Yellow Bonnaffon, Maud Dean, Yellow Eaton, $3.00 per 100; $20.00 per 1000. Undivided stools. No less than 50 at 100 rate or 250 at 1000 rate.
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GREENPORT, N. Y.

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Chrysanthemum stock plants. C. Touset, white, $1.25 per doz.; $10.00 per 100. Jeanne Nonin, white, 25c each; $3.00 per doz. Wanamaker, white, 4c each; $3.00 per 100. Major Bonnaffon, yellow, 4c each; $3.00 per 100. T. Eaton, white, 4c each; $3.00 per 100. Yellow Eaton, 4c each; $3.00 per 100. W. H. Chadwick, white and yellow, 6c each; $5.00 per 100. Polly Rose, 4c each; $3.00 per 100. October Sunshine, yellow, 4c each; $3.00 per 100. Omega, yellow, $1.00 per doz.; $7.00 per 100. Cash. Math. Evert, 58-60 Wabash Ave., Chicago.

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W. Bonnaffon	W. H. Chadwick
Ivory	Marie Liger
Bergmann	Enguehard
Y. Bonnaffon	Lady Harriett
Oct. Sunshine	A. J. Balfour
Golden Wedding	5c each. Cash.

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Chrysanthemum stock plants, $6.00 per 100. White—Opah (early), Timothy Eaton, H. Robinson, Arline, Ivory, Mrs. Henry Weeks, Polly Rose, Convention Hall. Pink—Dr. Enguehard, Marie Liger, Minnie Bailey, Henry Frick, A. J. Balfour, John Burton, Pacific, Mrs. Coombes. Yellow—Monrovia (early), R. Halliday, O. P. Bassett. Light yellow—Col. Appleton, Golden Wedding, Nagoya.
The Ohio Cut Flower Co., Cleveland, O.

Chrysanthemum stock plants. Clementine Touset, finest early white, Jeanne Nonin and Moneymaker, Monrovia, J. K. Shaw, Appleton, Bonnaffon, White and Pink Pacific, Ben Wells, Viviand-Morel, Alice Byron, Dr. Galloway, Mrs. Weeks, Shilowa, Shaw, Eaton, Chadwick, Adelia, Yanoma, etc., $1.00 per doz.; $8.00 per 100. Cash with order.
Gunnar Teilmann, Marion, Ind.

Chrysanthemum stock plants. Monrovia, Pacific, Estelle, Halliday, White Ivory, Appleton, Enguehard, Yellow and White Eaton, Queen, White Bonnaffon, Elmer D. Smith, V.-Morel, Blackhawk, $4.00 per 100. Yellow and White Chadwick, Merchant's Yellow, $6.00 per 100. Touset and Nonin, $7.00 per 100.
Fifth Ave. Floral Co., Columbus, O.

Stock plants of Alice Byron, Mrs. Weeks, Robt. Halliday, Golden Wedding, Gold Mine, Mrs. Perrin, Honesty, Maj. Bonnaffon, Nellie Pockett, Mrs. Coombes, Arline, Wm. Duckham, 50c per doz.; $4.00 per 100. Will exchange for hardy phlox, iris, peonies, roses or any stock we can use. The Newburys, Mitchell, So. Dak.

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Theo. F. Beckert,
9 miles west of Pittsburg, Coraopolis, Pa.

Chrysanthemum stock plants of the following varieties, $4.00 per 100. Kalb, Glory of Pacific, Polly Rose, Pink Ivory, White Ivory, Wm. Duckham, Maud Dean, Marie Liger, Dr. Enguehard, A. J. Balfour, Alice Byron and R. Halliday. W. H. & C. B. Newman, Akron, N. Y.

Chrysanthemum stock plants, $1.00 per doz. Kalb, C. Touset, Robinson, Alice Byron, Convention Hall, Jeanne Nonin, Roi d'Italie, Merstham Yellow, Modesto, Smith, Enguehard, Wright, Church, Ben Wells, etc. Cash.
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Stock plants. Touset, Nonin, the moneymakers as we have found them, 75c per doz.; $5.00 per 100; $40.00 per 1000. Pacific, Estelle, Willowbrook, Halliday, Kalb, L. Harriett, 60c per doz.; $4.00 per 100.
Eggeling Floral Co., St. Louis, Mo.

Chrysanthemum stock plants, Golden Wedding, Polly Rose, Mrs. Chadwick, Col. Appleton, Ben Wells, O. P. Bassett, N. Pockett, Wm. Duckham, V.-Morel, Robinson, 60c per doz.; $4.00 per 100. Cash.
McRae-Jenkinson Co., Cheswick, Pa.

Chrysanthemum stock plants. Clementine Touset, $1.50 per doz.; $12.00 per 100. Golden Chadwick and W. H. Chadwick, $1.00 per doz.; $8.00 per 100. Jeanne Nonin, $1.50 per doz.; $12.00 per 100.
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Chrysanthemum stock plants. Polly Rose, Willowbrook, Wanamaker, W. Duckham, Enguehard, Appleton, G. Wedding, T. Eaton, Queen, Maud Dean, Mrs. J. Jones, 75c per doz.
James W. Adams, Normal, Ill.

Chrysanthemum stock plants from benches, fine plants. Appleton, Monrovia, Estelle, Byron, White and Yellow Eaton, Ben Wells, Marion Newell, and Marie Liger, 60c per doz.
Myers & Co., Bluffton, Ind.

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10,000 fine White Ivory chrysanthemum clump plants for sale, $4.00 per 100; $35.00 per 1000. Cash with order. G. W. Renard, Avondale, Pa.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

Chrysanthemums. Smith's revised manual, 40c.
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CHRYSANTHEMUMS—Continued.

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Chrysanthemums, all the leading sorts, 4c. Can ship by Adams, Southern, American, National, U. S. and W. F. & Co. express.
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Chrysanthemum stock plants, bushy. 2000 Marie Liger, Glory of Pacific, Ivory, Alice Byron, 75c per doz.; $5.00 per 100. Cash.
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Chrysanthemum stock plants. 1000 Jeanne Nonin, finest late white, $7.00 per 100. Cash with order.
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Chrysanthemums, large stock plants. Varieties and prices are given in display adv.
J. A. Budlong, 37 Randolph St., Chicago.

Chrysanthemum stock plants, $4.00 and $6.00 100. See display adv. for varieties.
Crabb & Hunter Co., Grand Rapids, Mich.

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W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants, $5.00 100. Cash. Varieties are given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants, white, yellow, pink, red, 75c doz.; $6.00 100.
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Chrysanthemum stock plants. Varieties and prices given in display adv.
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Chrysanthemum stock plants, best varieties. See adv. on front cover.
E. G. Hill Co., Richmond, Ind.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Chrysanthemum stock plants, Polly Rose, $2.50 100.
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Chrysanthemum stock plants, Estelle, 5c.
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John Walker, Youngstown, Ohio.

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Cinerarias, finest strain from best English growers, 2-in., $1.50 per 100; 3-in., $3.00 per 100.
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Cinerarias, prize strain, 2½-in., $2.00 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Giant cinerarias, Benary's, 2¼-in., $2.50 100. Cash. Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias, Columbian mixture, strong, 2-in., 2c. Stover Floral Co., Grandville, Mich.

Cinerarias. See display adv.
C. Whitton, City St., Utica, N. Y.

Cinerarias. 2-in., $2.00 per 100.
J. W. Miller, Carlisle, Pa.

Cinerarias. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

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Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
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Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

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COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
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Coleus, standard bedding and fancy varieties.
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Coleus, rooted cuttings, 60c 100; $5.00 1000.
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Coleus, 40c doz., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

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Crotons, 3-in., $5.00 100.
Springfield Floral Co., Springfield, O.

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Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

CYCLAMEN.

Cyclamen giganteum, separate colors, well grown, 3½-in., $10.00; 4-in., $15.00 per 100. Cash, please.
Hugo Book, Worcester, Mass.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen pers. giganteum. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen, 4-in., $10.00; 5-in., $15.00 100.
C. Whitton, City St., Utica, N. Y.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

Dahlias, 85 varieties from 4c to 75c per clump; some very rare ones. Large undivided field clumps, pure and true to name.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias, 60 named varieties, many rare; strong, field-grown clumps. Send for list.
Adams Supply Co., Lowell, Mass.

Dahlias. Snowclad and mixed, field roots, strong, $4.00 100. S. J. Galloway, Eaton, Ohio.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

Dahlia roots, all fine colors.
Carlman Ribsam, Trenton, N. J.

Dahlia clumps, $5.00 100.
National Plant Co., Dayton, O.

DAISIES.

Daisies, fine stock. Cash prices.
Etoile d'Or, R. C., per 100.....$1.50
Etoile d' Or, 2½-in., per 100..... 2.50
Queen Alexandra, 2-in., per 100..... 2.50
Queen Alexandra, 2½-in., per 100..... 3.00
Theo. F. Beckert,
9 miles west of Pittsburg, Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Paris daisy, 3-in., $4.00. Etoile d' Or, 3-in., $5.00 100. C. Eisele, 11th & Roy, Phila., Pa.

Shasta daisies, field-grown divisions, $2.50 100.
Leedham Bulb Co., Santa Cruz, Cal.

Dbl. daisies, $2.50 1000. Cash.
Byer Bros., Chambersburg, Pa.

Yellow daisies, 4-in., 6c.
Rutledge Nurseries, Rutledge, Pa.

DRACÆNAS.

Dracaena indivisa, strong, field-grown for 6-in., $25.00 100; for 5-in., $15.00 100; 1 ft. to 15 in., $10.00. Chas. D. Thayer, Worcester, Mass.

Dracaena indivisa, strong, 3-in., $6.00; 4-in., $12.00 100; 6-in., 50c each.
John Walker, Youngstown, Ohio.

Dracaena fragrans and indivisa. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

300 Dracaena indivisa, 4-in., $10.00 per 100.
Idle Hour Nurseries, Macon, Ga.

Dracaena indivisa, from 3-in. pots, $5.00 per 100. J. A. Rosengren, Crestline, Ohio.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Dracaena indivisa, 4-in., $10.00 100.
C. F. Mahan, R. D. 8, Dayton, O.

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Farfugium grande, strong tubers from open ground, $3.50 and $5.00 per 100.
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Chinese primroses, 4½-in. pots, all colors, in bud and bloom, 8c each. Obconica, 4-in. pots, bud and bloom, 5c each. Try them.
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Primula obconica, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Cash.
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Chinese primroses, good, strong plants, 3-in., $5.00 per 100. Krueger Bros., Toledo, Ohio.

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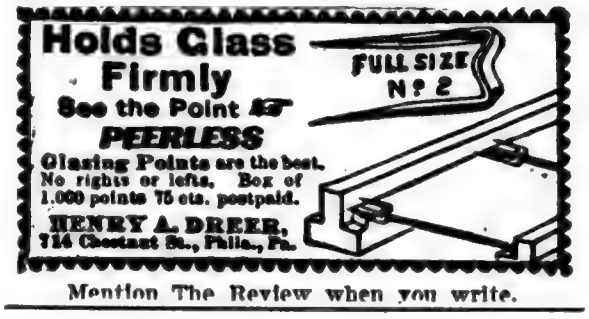


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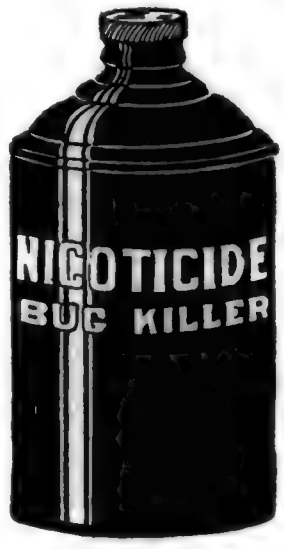
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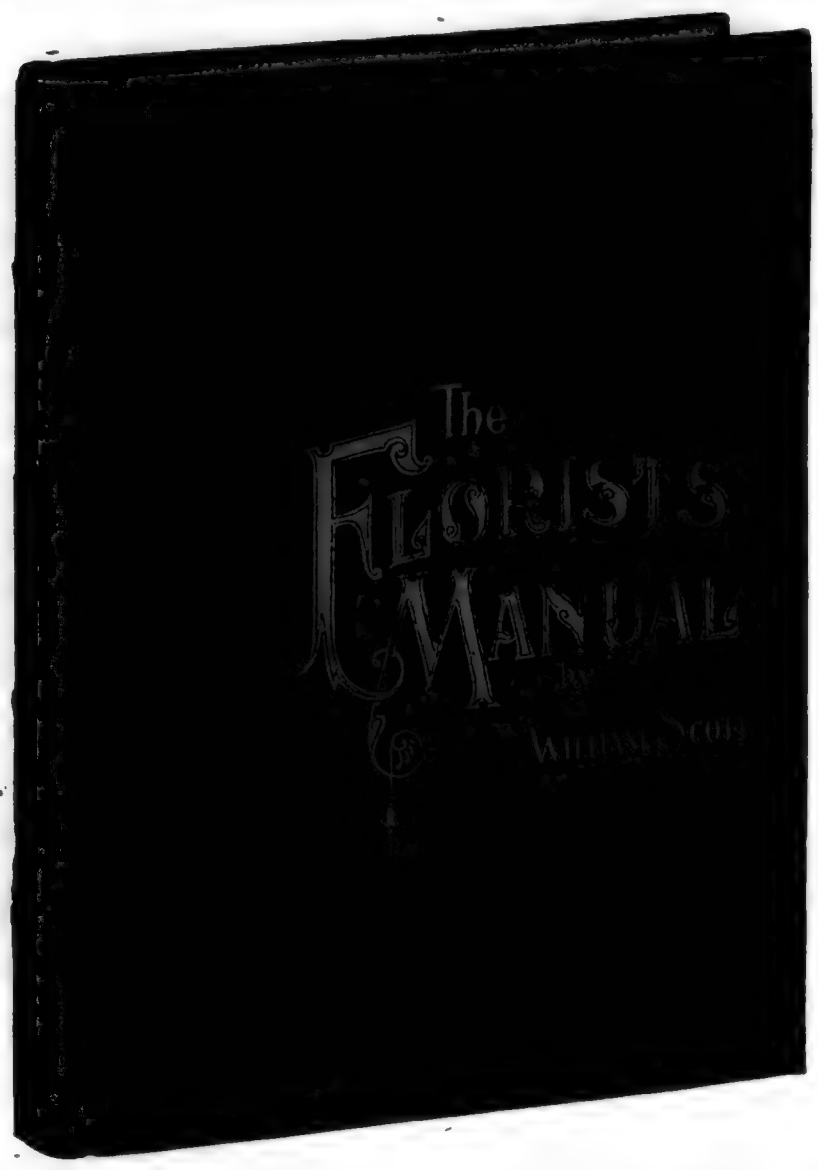
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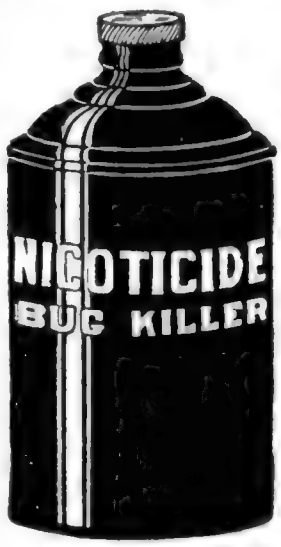
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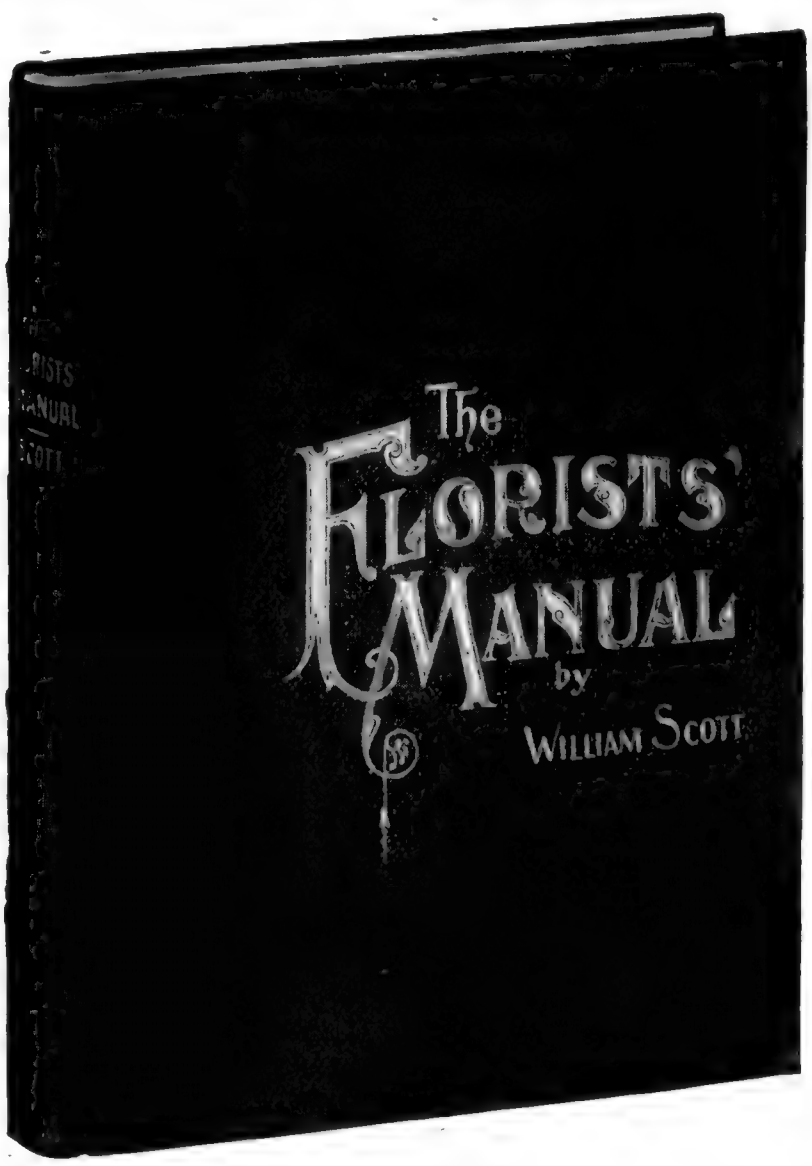
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Greenhouse Heating.

NOT ENOUGH PIPING.

I have a greenhouse, 10x20 and ten feet to the ridge, with brick foundation. The north side and west end are papered and clapboarded, the inside sheathed with matched boards. The south side and east end have glass. The boiler is in the northeast corner. The flow pipe is 1½-inch, with expansion tank at highest point. The flow drops three inches, then returns under the bench on the south side, then with a fall of two inches returns to north side, where it divides with a tee into two 1¼-inch pipes. These connect before entering the boiler. Is there enough piping and have I arranged it properly for Wisconsin climate?

L. C. P.

I think the following plan of piping will be much more satisfactory than what you have installed. In fact, the present piping is not more than half what should be installed for an exposed house with hot water heat in your climate. Starting from the boiler, if it is desirable to use an elevated flow because of doors or other openings, carry a 2-inch flow pipe to the west end, eighteen inches from the roof along the north side, then drop at the northwest corner to a coil made of seven 1¼-inch pipes which should have a gentle grade, say eight inches from the northwest corner to the boiler. Run this coil under the bench around the three exposed sides of the house. Lay the manifold horizontal so the seven pipes will form a gridiron under the bench on the three sides of the house. Place a manifold on the end of the seven pipes near the boiler and carry a return from this manifold back to the boiler by a single 1½-inch pipe. To the main return near the boiler connect a ¾-inch pipe which should run into the bottom of a well elevated expansion tank. Do not connect the expansion tank to the main flow, but place an aircock in the highest point of the main flow.

L. C. C.

NEEDS A CHECK-VALVE.

We have an eighteen horsepower Huber traction boiler with 4-inch flows for steam and 3-inch returns. The trouble is that when we get up a pressure of steam of about ten pounds it forces the water back through the return pipes until it is all out of the boiler column. Would a check-valve in the 3-inch return pipe work; that is, would the pressure of steam permit it to open enough to let the condensation back into the boiler? Or would the pressure from the boiler be greater so that it would keep the check closed and the condensed steam out of the boiler? Our boiler is about three feet below our coils. We have no steam-trap or anything but gravity to get the water back to the boiler.

H. F. Co.

The installation of a swing check in the main return near the boiler should prove a decided benefit. It may, however, prove necessary to discharge the condensation into a hot well and return it to the boiler by means of a trap or feed pump unless the boiler can be lowered considerably. If you have valves in the system, close the valves in the return as you begin to fire and keep them closed until the system is hot, then open them and the circulation will be completed. Allow the air vents to remain open a wee bit so as to lead the live steam into the system should it for any reason become cold. These precautions, with a swing check in the return, should remedy the difficulty unless the difference in level is not sufficient for a gravity system.

L. C. C.

CHANGING TO STEAM.

I have three houses, one for mums and plants, 14x60 feet; one for smilax, 14x 60 feet; a carnation house, 14x130 feet, and a lean-to, 6x60 feet. The cellar under the shed in which is the boiler is 7x42 feet. I am now using hot water, but wish to change to steam on account of the length of the carnation house. I have planned to run a 3-inch main in a trench along the cellar wall, branching into each house, with 2-inch flow pipes overhead under the ridge, and return with 1¼-inch, or 1½-inch pipes under the benches. How many returns will I need in each house with outside temperature, at times, 10 to 20 degrees below zero? What horsepower boiler? I intend to use a tubular horizontal and want one large enough to carry all the houses if they were extended to 130 feet.

C. C. W.

The following amount of radiation will be required by each of the houses in question: Violet house, 6x60, five returns of 1¼-inch pipe. The cooler house, 14x60 feet, a 2-inch flow and eight 1¼-inch returns. The warmer house, 14x60 feet, a 2-inch flow and nine 1¼-inch returns, while the house 14x130 feet should be provided with a 2-inch riser and eleven 1¼-inch returns. A boiler rated to carry 2,500 square feet of radiation should be amply large to carry all these houses when extended to a uniform length of 130 feet.

L. C. C.

TROUBLE WITH CIRCULATION.

Will you tell me how to improve the circulation in my greenhouse? My house is 22x100. I have a twenty horse-power boiler with a 3-inch flow overhead, continuous fall, and at the farther end drops under the bench and returns in eleven 2-inch level pipes. These pipes connect in a 2-inch return to the bottom of the boiler. Have open expansion tank, the bottom of which is two feet

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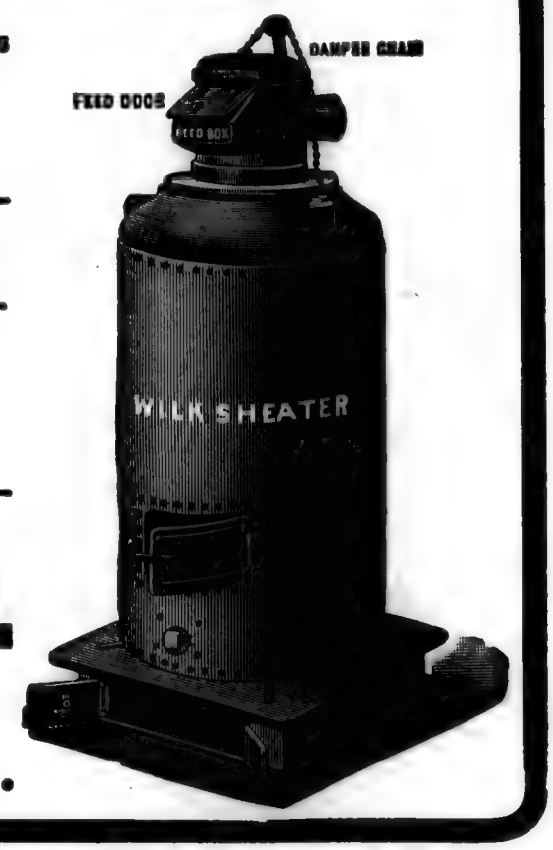
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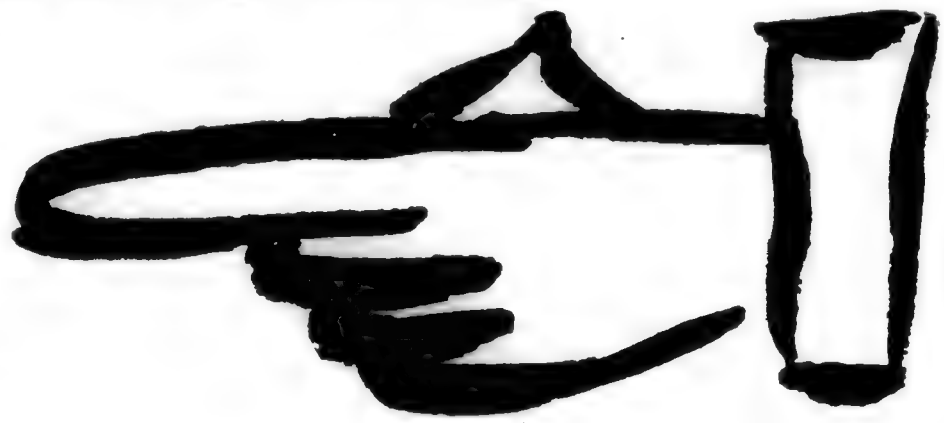
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above the highest point in flow, with vent pipe running to tank. I have only a 2½-inch flow-hole in the boiler, 1¼-inch return. The flow gets nicely warm until it comes back for about twenty feet in the returns, about two-thirds of the way, after long firing, then cools off.

L. G. B.

If I understand your statement correctly, you say the riser is vented to connect with the expansion tank, which is only two feet higher than the highest point in the system. Disconnect the expansion tank from the highest point in the flow, place a small air-cock at this point, which test several times a day to see that there is no air in the system, then elevate the expansion tank eight or ten or even fifteen feet above the highest point in the system, even if you put it out doors on a platform. Run a pipe from the bottom of the expansion tank to the main return near the boiler. A ¾-inch pipe will be large enough. Put a water gauge on the expansion tank and keep at least ten or twelve inches of water in it all the time, except when firing hard, when it will be much deeper. As soon as opportunity will permit have the openings in the boiler enlarged to the full size of the pipes you are using for flow and return. I think the modification of the expansion tank will remedy the difficulty to a large extent.

L. C. C.

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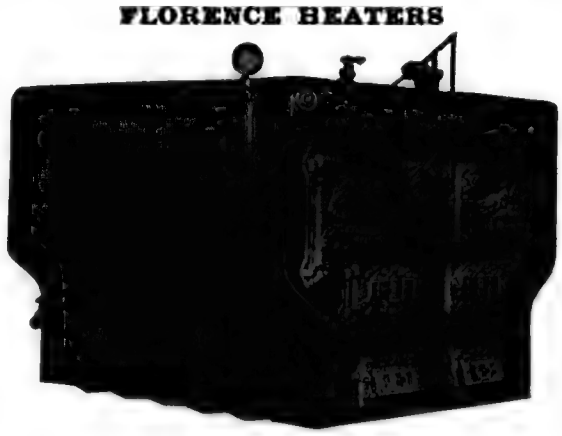
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CYPRESS.

The demand for cypress is not abnormal, but is nevertheless of fair proportions for the season. Stocks at the mills are reported ample, but are not heavy enough to create uneasiness as to the disposition of the surplus, and manufacturers are well satisfied to continue the operation of their mills and pile up the product. Some items, like No. 1 common, are exceedingly scarce and on these an advanced price of $1 is reported. A few other items are also firmer than list and on the whole there is a strong feeling permeating the cypress trade. Dealers here report moderate stocks on hand and say that they are selling considerable sash and door stock, tank material and finish to the woodworking factories, which are large consumers of cypress as it is the best and cheapest of soft woods, only a small part of the output being used for greenhouse building.

NAVASOTA, TEX.—The annual flower show of the Chrysanthemum Association was held November 17, well patronized both day and evening.

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PEORIA, ILL.—Citizens who visited the Glen Oak park floral display, November 19, had occasion to remember the late O. F. Dubuis, the man who planned the park system of Peoria. He loved chrysanthemums, and in the office of the park board there hangs a picture of one of the earliest chrysanthemum displays in the conservatory, painted by his master hand.



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All our replies have mentioned the Review.—Goshen Floral Co., Goshen, Ind.

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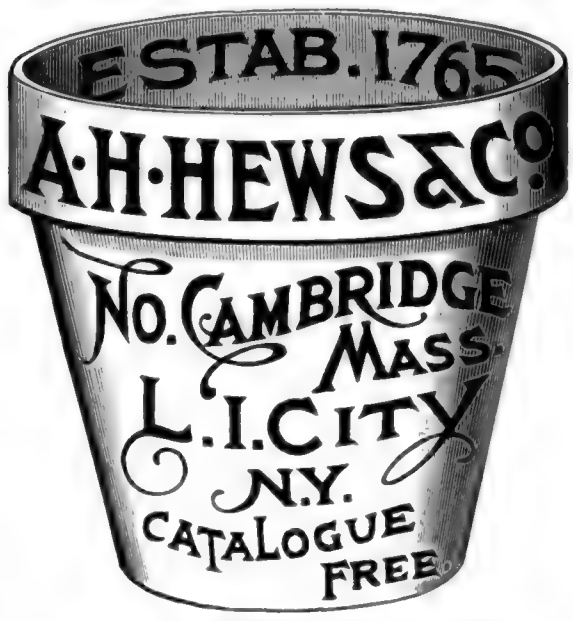
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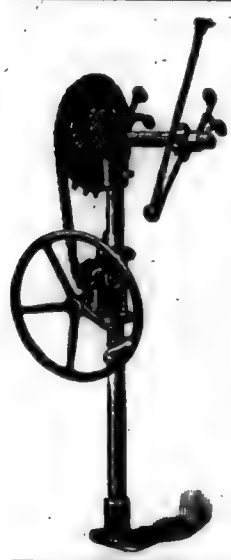
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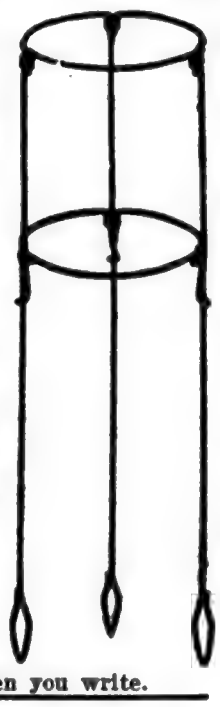
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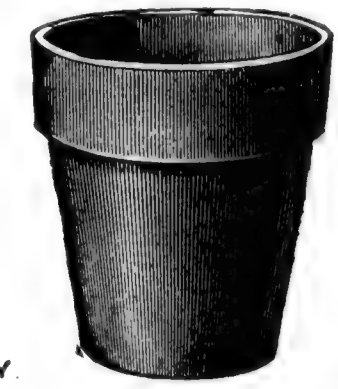
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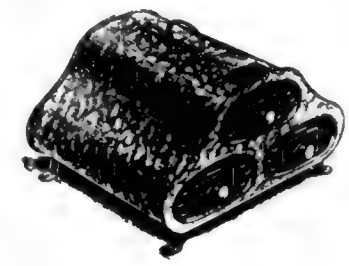
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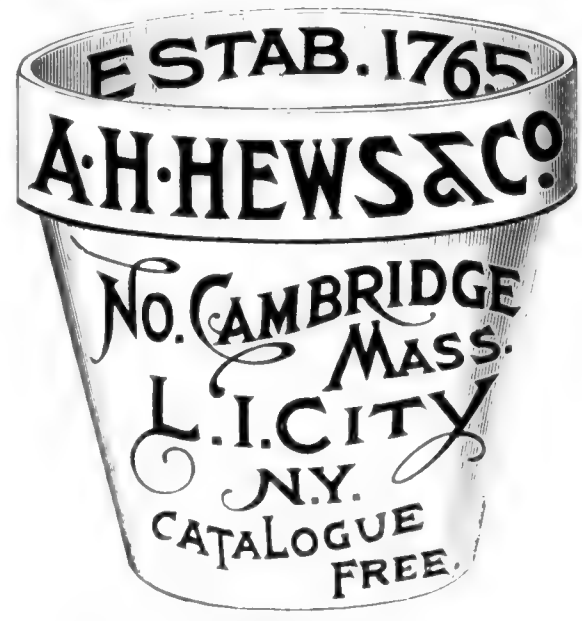
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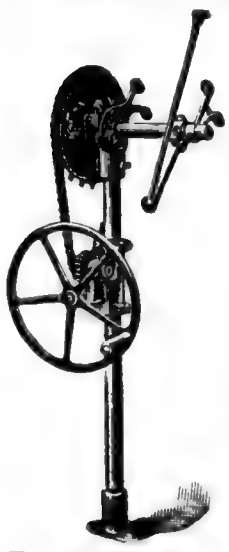
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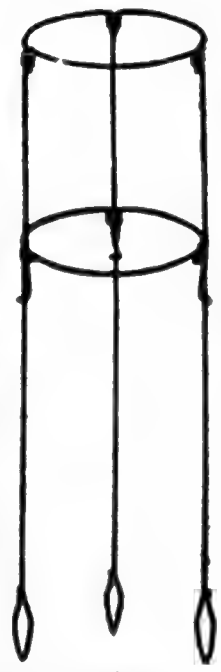
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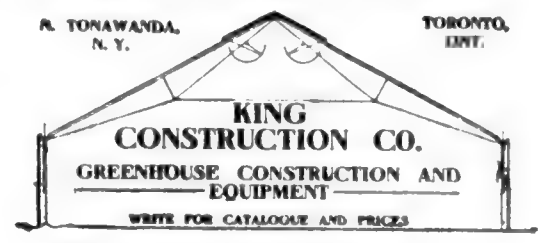
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G. L. GRANT, EDITOR AND MANAGER.

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I CONSIDER the REVIEW of vast importance to the trade and a credit to its publishers.—J. W. HANFORD, Salisbury, N. C.

THE REVIEW will send Saltford's Violet Book on receipt of 25 cents.

The Test of Construction

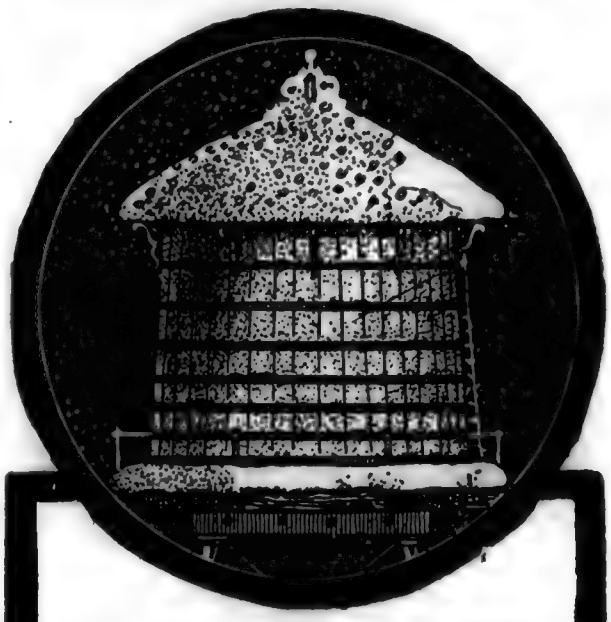
OF what use is first-class workmanship and the best material if the construction of your house is antiquated and out-of-date? There is as much in the style of the house as in the material of which it is built, and too much stress cannot be laid on the "right kind of construction."

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CHICAGO

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Windmills—Pumps—Gas Engines

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H AND C

THE PITH



of this boiler question gets down to the coal question—what does it burn? What heat do you get from the coal you burn? One boiler may have a grate that cuts out the ashes in an "improved" way, and by the same token it will have more ashes to cut out. The more coal you burn, the more the ashes—but do these ashes mean an equivalent in heat? We can prove to you that the Hitchings boiler is the best greenhouse boiler—prove it by what it has proven for others.



HITCHINGS AND CO.

GREENHOUSE DESIGNERS AND BUILDERS.

Manufacturers of Heating and Ventilating Apparatus.

1170 Broadway, NEW YORK.

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U-BAR.

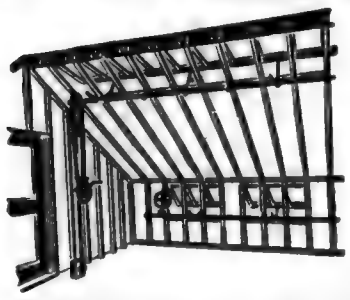
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THE

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A. Q. Wolf & Bro.
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We have the largest stock of this high-grade cypress in the North, and can promise quick service in filling all orders entrusted to us.

Estimates and designs furnished on application. We will be pleased to figure with you on your contemplated work.

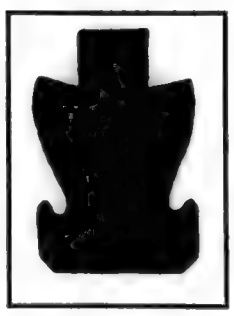
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A. DIETSCH CO.

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Truss Construction
for Sash Bar Houses



You Are Just About Beginning to Realize

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Last year along this time we began "punching up the dreamers" and a lot of them got so thoroughly awake that their house was done a couple of weeks or so before they wanted it in the Spring—begin to plan NOW for THEN.

Lord & Burnham Co.

Greenhouse Designers and Manufacturers.

1133 Broadway, corner 26th St., NEW YORK.

BOSTON BRANCH, 819 Tremont Building.

GLASS

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SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET CHICAGO

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, DECEMBER 6, 1906. No. 471.

GLADIOLI

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Adiantum Farleyense, large plants.....$18.00 per doz.
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HYDRANGEA OTAKSA

For Easter require 3 months to force into bloom. Potted now and allowed to become established in a cool place will give best results. **Field-grown,** $6.00, $8.00, $10.00 and $15.00 per 100. **Pot-grown,** 4-inch, $6.00, $8.00 and $10.00 per 100; 5-inch, $25.00 per 100; 6-inch, $35.00 per 100; 7-inch, $50.00 per 100. A few larger sizes, up to 12-in.; write for prices.

POINSETTIAS—Right for the holidays. 5-inch, $20.00, $25.00 and $30.00 per 100.

AZALEAS for Christmas. Plants in bloom. Simon Mardner, Deutsche Perle and Vervaeneana, 75c, $1.00, $1.25 and $1.50 each.

ADIANTUM CROWEANUM, 3-inch, $12.50 per 100.

BOSTON FERNS—Pot-grown, 5-inch, $25.00 per 100. Bench-grown, $10.00, $15.00 and $20.00 per 100.

SCOTTII—Bench-grown, $6.00 and $8.00 per 100.

CHRYSANTHEMUM stock plants, best standard varieties. Write for list of varieties and prices.

VINCA MAJOR, green variegated with light green, field-grown, $6.00 per 100.

BAUR FLORAL CO., ERIE, PA.

First Prize on Every Vase of Carnations We Exhibited at Chicago

15 in all. This speaks for itself. We have healthy stock and will take great care with every order to see that nothing but strictly first-class rooted cuttings are shipped out. Remember that we **guarantee** everything that leaves our place. Send for list of varieties. **Be Early.** We can give Jan. delivery on most of them.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. **Joliet, Ill.**

A Limited Quantity of the New Hydrangea

Arborescens Grandif. Alba

3-year-old plants.....$1.00 each; $90.00 per 100
1-year-old plants..... .50 each; 35.00 per 100
The most useful novelty of recent years in its line.

Our New CHYRSANTHEMUM LIST

of Novelties now ready, describing the best of the new exhibition varieties and also the finest new commercials.

Mlle. Jeanne Rosette (like a big pink **Nonin**) scored 91. **THE THANKSGIVING PINK.**

THE E. G. HILL CO., RICHMOND, IND.

CHRISTMAS DECORATIONS

With Style in Appearance and Perfection in Workmanship.

CHRISTMAS TREES—HOLLY

Holly Wreaths, Evergreen Wreathing, Mistletoe, Immortelles, Cape Flowers, Paper Bells, etc.

Send us your list of wants for interesting prices.

THE W. W. BARNARD CO., SEEDSMEN, 161-163 Kinzie St., **CHICAGO**

U NEED US! WE NEED U!

NOT TOO LATE

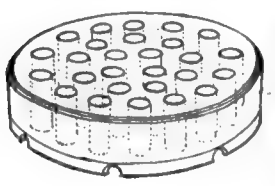
It is NOT TOO LATE to send us your orders for CHRISTMAS SUPPLIES and RIBBONS. We are receiving DUPLICATE shipments from abroad by almost every incoming STEAMER. Send us your "RUSH ORDERS." You know our REPUTATION for PROMPT SHIPPING.

M. RICE & CO., 1220 RACE STREET PHILADELPHIA, PA.

The Leading Florists' Supply House and Ribbon Specialists. Importers and Manufacturers.

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A handy article for florists. Sells to the trade on sight. Made of glass in three sizes. The **"Anglais" Table Decoration,** something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating.

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1438 No. 10th St. PHILADELPHIA

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Write us for prices stating the size you require, the kind of cut flowers you wish to use the refrigerator for, and whether for display or only for storage.

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Importers and Manufacturers of

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76-78 Wabash Ave., CHICAGO

Write for supplement to catalogue F, it will interest you

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Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000...$6.25. Sample free.

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H. H. BERGER & CO.

47 Barclay Street, NEW YORK

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TO YOU we say, defer not that postal for samples of the many new ideas and charming effects in

HOLLY RIBBONS

which we now have ready for your Christmas trade. Many of these specially woven designs are of no great quantity, so the early orders will have a greater number of patterns to select from. As it gets on toward Christmas many will be sold out. We advise all Florists to write for samples now, order at Leisure, and Ribbons will be shipped when desired any time before Christmas. The qualities and designs are different, and the prices—well, you buy direct from the mill

AND SAVE ALL BETWEEN PROFITS

The Pine Tree Silk Mills Company

Philadelphia

Office and Salesrooms, 806-808-810 Arch St., 52-54 N. Eighth St.

A postal brings you samples and prices of all grades of Ribbon.

Clearing Sale..

Tulips, all colors, mixed and separate, $5.00 per 1000; Artus, $8.00; Canary-bird, $7.50; Chrysolora. $5.50; Cottage Maid, $7.00; Couleur Cardinal, $25.00; Yellow Prince, $6.50; Murillo, $15.00; per 1000.

Azalea Indica, early and late var. in all sizes and well-budded; 8–10, $25.00; 10–12, $35.00; 12–15, $45.00; 15–16, $65.00 per 100. Myrthen, (standard) for 5 and 6-in pots, $25.00 per 100.

Peony Sinensis, true to name and colors, $75.00 per 1000.

Funkia Undulata, fol. var., $7.00 per 100, divided.

Hydrangea Otaksa, fine heavy plants, $12.00 per 100.

Baby Rambler, extra fine plants, $15.00 per 100.

Evergreen Specimen Plants, Retinospora Plumosa and R. Plumosa Aurea, Juniperus in var., Abies Nordmanniana and others. Lowest prices by mail.

F. W. O. SCHMITZ, Prince Bay, N. Y.

MISCELLANEOUS SEASONABLE HINTS.

Early Sweet Peas.

Some weeks ago A. C. Zvolanek cautioned us to look out for a green worm that would be liable to eat the young, tender growths of our sweet peas. It has arrived, along with the first blossoms on the plants, the seeds of which were sown in the beds August 22. You can hurry the time of flowering very little by fire heat. Every ray of sunshine must have full play on the house, with ventilation on all possible occasions, and plenty of water at the roots. Hellebore sprinkled on the foliage, or a weak solution of Paris green, may destroy the worm, but I would prefer a safer plan: to look over the vines every morning and pick off the worms. In appearance it is much like the green worm so destructive to our mignonette in the month of September.

If the soil in the beds is only five or six inches deep, and well drained, then a mulch of well rotted manure will help. Another attention is the necessity of keeping the leading shoots faithfully tied up to the strings. It is from the top of the leading growths you get your first and most valuable flowers, and if these growths are allowed to droop, the flower stems will assert their natural right to look up to the light, and you will have crooked stems, much impaired in value.

As soon as you have a low bed or bench of chrysanthemums entirely cut out, you can plant it with another crop of sweet peas. For this purpose you should have sown a few seeds in 3-inch pots a month ago. If planted now they will be in full bearing by Easter. It is better to trust to the special winter-flowering kinds, for the old standard varieties, like Emily Henderson and Blanche Ferry, will hardly be in full flower for this early Easter.

Late Chrysanthemums.

Mums have had their brief but glorious day, and most florists will say to them, farewell, but not for ever. Yet I notice a few old varieties looking fine and a promise of good cutting for at least two weeks to come. They are the pure white Convention Hall, that splendid pink, Helen Frick, and that fine rich yellow, Nagoya. Our specialist will tell you of other and perhaps more valuable late flowers, but these three varieties are fine late kinds and easy to grow. Many florists occupy a great deal of space on their benches with mums, and if it were not that we could fill up with lilies, azaleas, Boston ferns and other Easter stock, the mums would not be profitable in the least; but florists within easy driving distance of a city can always find stock to fill up the space when the mums are cut and gone.

Empty the Mum Benches.

This reminds me of something I often see done, and which always produces irritation. It is the leaving on the bench the four or five inches of soil in which the chrysanthemums grew. The boys don't do it because they want to use the soil during the winter or spring. The excuse is that they have not the time to remove it; can't spare the labor. This is not a valid excuse. If it is essential and better for the plants to come that the soil be removed, it should be done at any inconvenience. Do you think it is good treatment to put a lily, an azalea, a hybrid rose or cyclamen in this greasy bed of soil? Not only is it most ungardenerlike and cruel to the eye, but it ruins the soil for future use until it has had the atmosphere and frosts of another winter. Get it out and dump it in a shallow and narrow pile, where the frosts of winter will penetrate every particle of the pile. If left there till the sun and winds of May have left it mellow, most useful this old soil will be.

Uses for the Soil.

Most likely it was good, fresh soil when you put it on the benches last spring, and to it you added, perhaps, a liberal quantity of animal manure and some bone-dust which is not yet all dissolved. In the spring the old soil will do for filling your vases, veranda boxes, for tulips next fall, and for many of your soft-wooded bedding plants. City florists are continually being asked for such soil for a dressing for lawns, and you are justified in charging a good, big price that will more than pay all the cost of removing it from the benches now.

A Way of Escape.

With the intention of using the soil on the bench the following spring, and fully aware that if I stood the pots on the soil its physical condition in the spring would be mud, I thought of a piece of tarred roofing paper under each pot. The crop placed on the bench was Bermuda Easter lilies in 6-inch pots. The paper was cut in 6-inch squares and placed under each pot. The worms were safely excluded, and with careful watering the soil was not overwet. The fumes of tar are not healthy to plant life, but there was little of it, and no harm was done. In this way the soil was preserved in good order, and you must excuse me while I finish this earthy story, the program of which was laid out in a more or less feeble mind months before its performance.

Easter that year was extremely early, March 25. Lilies were all in and sold, and on March 27 two "old hosses," including the writer, spread a heavy dressing of bone-meal on the surface of the bed and then forked it over. April 1 we planted the bed with a fine lot of young American Beauty roses. I must now cut this story short, and will only say that it was the best strike and the brightest piece of inspiration that ever fell on us. So if impossible to remove the soil when your mums are cut, do something both for the benefit of the plants in pots and to preserve the usefulness of the soil.

Crops to Follow Mums.

You may have some crops waiting to occupy some of these beds. Here are a few. If you have calla lilies in pots you will get large flowers and large quantities by planting them out. They should be on a low bed, with plenty of headroom. If you have any antirrhinums propagated in summer, either from cuttings or seed, plant them on a raised bench where they will get full light and plenty of air. A more important crop would be dahlias. They, too, should have headroom, perfect light and plenty of water. About 55 degrees at night will suit them. If planted by the middle of December they will be in flower by Easter. I don't pretend to be posted on the best forcing varieties, although we grew fifty feet of a bench two years ago and found a ready sale for all we



Conservatory of Jacob Schulz, Louisville.

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THE RETAIL FLORIST.....

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A LOUISVILLE VETERAN.

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The accompanying illustrations show the exterior and interior of the store at 644 Fourth avenue, which Mr. Schulz built for his own occupancy. The store is large and well equipped with all the facilities necessary for a large and steadily growing business. The entire store has mosaic and tile flooring, all the fixtures being white. The best of stock is carried and in large quantities. The store front presents a most unique appearance, the window having a rounded section in the center which permits of an unusual display. In the picture, Mr. Schulz himself is seen standing in the doorway.

The large conservatory at the rear of the store is of inestimable value, for it affords not only facilities for the storage of plants for decorations, but also for the display of stock at holiday seasons. Without a conservatory an up-to-date florist labors under decided disadvantages. This one is well finished, dry and perfectly clean.

One of the other pictures shows a portion of the range of greenhouses on the Cherokee road. There are twenty houses in the range, devoted to the production of bedding stock, plants for the holiday seasons, and also to the growing of cut flowers, but Mr. Schulz finds it impossible to grow anywhere near all the stock required for his trade. He is among the large buyers in the wholesale markets outside of Louisville.

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This variation in prices for cut flowers is a frequent source of trouble among dealers and customers, for many of the latter do not realize the fact that flowers are a commodity, dealt in by cut-flower commission houses to the amount of millions of dollars every year, and that these commission dealers keep a close watch upon the supply and demand, with the natural result that prices are subject to change from time to time in accordance with trade conditions.—W. H. Taplin in Rural New-Yorker.



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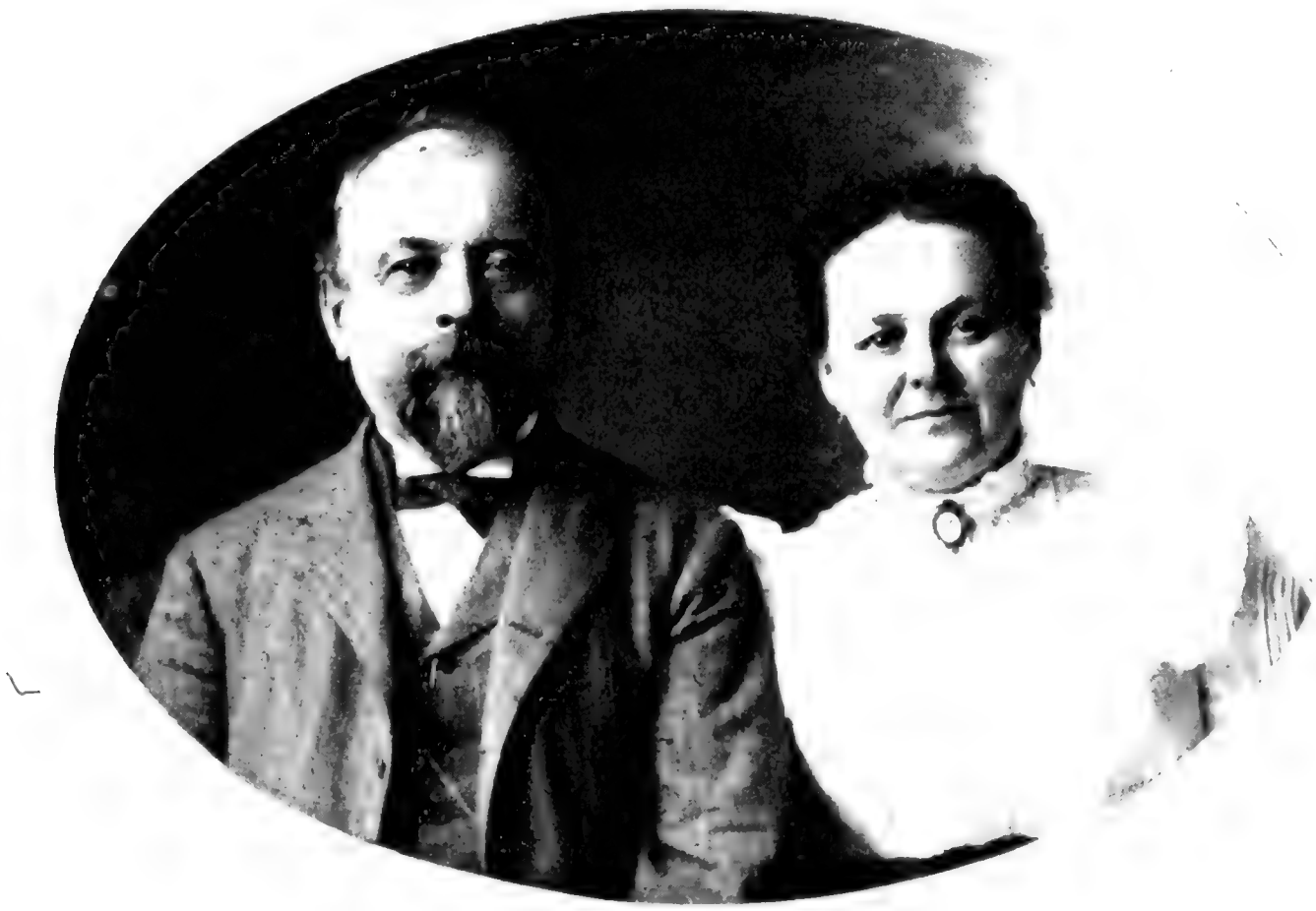
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cold water to the required consistency, and remember that there is a difference between flowers of sulphur and pulverized sulphur.

This same wash is recommended for use on the ordinary wood-bottomed bench, though it is obvious that the best results would be gained by its use on new lumber. The principal advantages of the brick-bottomed bench are, its perfect drainage and the uniform, mild heat given off by the bricks, beneath which are placed the heating pipes.

I venture the opinion that those who cling to the belief that carnation cuttings should be given no bottom heat whatever, would be shaken in their faith were they to make a comparative test of results, using this style of bench.

We sometimes hear the advice to change the sand, or at least remove and replace with fresh an inch of the surface after rooting a batch of cuttings. In the absence of full details regarding the conditions and management of the different benches in use, this is certainly safe advice, but I see no reason why the same sand cannot be used during one whole propagating season—a subject for another lesson. Geo. S. Osborn.

CARNATION NOTES.—WEST.

All About Cuttings.

Selecting the cuttings is an important part of the operation. Only first-class cuttings should be put into sand. Any other kind will only cause disappointment and loss later on. No cutting should be taken from a plant that is not healthy and no cutting should be taken from a plant when in a wilted condition. The best time to take off cuttings is in the first half of the morning or on cloudy days. Then the cuttings are crisp and fresh and it is easier to keep them so than when they are wilted to start with. Lay some damp paper in the bottom of your basket for the cuttings to lie on and sprinkle with cool water as soon as you have filled the basket and cover over with damp paper. Keep them in a cool place from the time they are taken from the plants until they are in the sand and always keep them moist.

It is generally agreed that the best cutting is the young break that is made after a flower stem is cut. Most varieties break around the lower part of the flower stem before the bloom is cut and many of these young shoots are large enough to make splendid, strong cuttings, even before the bloom is out. A few varieties, however, Lady Bountiful for instance, will give you no cuttings until the bloom is cut.

Don't take the shoots from too high up on the stem, they are no good. You will notice that on the upper part of the flower stem the young shoots will have perhaps an inch of stem before any leaves begin. Avoid all such, as they will never make good, strong plants. Young blooming shoots that have not begun to run up make very good cuttings and we do not hesitate to use them when we are desirous of increasing the stock as much as possible.

If you have a limited number of some fine variety, of which you want to make all you can, and if you are thoroughly satisfied that it is what you think, then it will pay you to top back all the blooming shoots in order to encourage the young shoots to come sooner. Do not cut down the whole plant at one time, but allow the shoots to show the bud to a certain stage and then top it back about half way down the stem. In a few days a few more will be ready to cut back, and in this way you will not check the plant so severely and the plant will always have a fair amount of growth coming on. The cuttings will mature better, too. Do not feed such plants very strongly, either.



Store of Jacob Schulz, Louisville, Ky.

Select your cuttings of about an even size as far as possible. An even lot of cuttings will make an even lot of plants. It pays much better to put in two batches of cuttings two weeks apart, and all of an even size, than to put in one large batch of cuttings, some good and some too young and soft. A cutting does not need to be extra large to be strong, but it should be of fair size and of such a kind as will gather strength and grow into a strong plant.

We do not trim our cuttings as much these days as we did years ago. Use a sharp knife to make a clean cut at the bottom and remove only such leaves as will sever from the stem without leaving any stub. Then trim back such leaves as turn outward or downward so that all the leaves that remain will point upward. Take off about one-third of the leaves that you trim, or less, as occasion may demand. You will soon learn by a little practice. Some varieties may not need any trimming at all more than the clean cut at the bottom.

After having taken off a lot of cuttings get them into the sand as quickly as possible. Lying around, even though they may be kept moist, does them no good. A. F. J. Baur.

DIET OF THE CARNATION.

This is a modern age and an age in which inquiry is being made into the reason of things. The day is rapidly passing when one can sit passively by and let things take their natural course or unnatural course, as the case may be. It is being proved, even to the most skeptical florist, that to make equal success with his competitors he must use all the best and latest cultural methods known.

The man who is raising live stock will first consider a place for the stock to be kept in, and then the feed that they will require to sustain life and growth. The florist must and does consider the housing of his carnations first. He should next consider the feed he is going to give these carnations to bring them to best maturity. How many florists are there who seriously consider the feeding of their plants? Is it any wonder that they are always saying that Smith or Jones must have a soil much superior to theirs?

Now to come down to the bottom of things, is it the superiority of Jones' soil itself, or is it the plant food that Jones adds to his soil, that counts? I am of the opinion that the food is the important factor in many cases, and will tell you why.

Plants must feed just as surely as man himself. Man chooses his food, such as steak, potatoes, pie, etc., and insists on having a variety. The carnation insists on a variety, too, such as nitrogen, phosphoric acid, potash, and does not grow well if it fails to get it. The man wants the thing that he gets the least of—the pie, for instance. The carnation seems to run along the same perverse lines, and what it craves, and seldom gets its proper share of, is potash.

Now, how does it happen that the carnation and many other plants go lacking for this important food, potash? It is not because the potash is more expensive than the other foods, as bone meal, because the fact is that potash costs no more than phosphoric acid and only about one-third as much as nitrogen. It is because the carnation can't call out through a megaphone, "Potash! Potash!" but must sit down and sulk and refuse to grow until it does get it. The florist knows that the carnation doesn't grow properly, but he is frequently in the dark as to the why.

The chemist now comes to the florist's aid in this extremity. When he analyzes the carnation he finds that a single plant removes from the soil in one growing



Greenhouses of Jacob Schulz, Louisville, Ky.

season 99.12 grams of air dry material, containing 1.948 grams of nitrogen, 0.734 grams of phosphoric acid and 3.510 grams of potash. It can easily be seen from a comparison of these removals that the carnation must have as a diet nearly twice as much potash as nitrogen and about five times as much potash as phosphoric acid.

Now, as bone meal, the common fertilizer used by florists, contains no potash, and animal manures contain it in far too small proportions, it is as plain as the nose on your face that the carnation grower should satisfy the cravings of his carnations by giving them a liberal ration of potash. This can be provided through any of the potash salts, such as muriate of potash or sulphate of potash or from the best grades of bone and potash fertilizer. L. S. HASSELMAN.

SOFTWOOD ASHES.

I have a lot of wood ashes from soft wood, such as old bench lumber and willow trees. Will it do to use on carnations if I use a little more of it? Is it a good thing to mix lime with wood ashes? J. W.

I do not know the relative strength of hard and soft wood ashes, but I can see no reason why you should not use the soft wood ashes with good effect. Instead of using them in heavier applications, I would apply the same amount in each application, and, if deemed advisable, after seeing the effects of the first application you can apply it oftener.

I would not advise mixing lime and wood ashes. Not that it would be harmful, but because nothing would be gained by it. Both have practically the same effect on the plants and the soil, except that the ashes affect the plants quicker and the lime acts more on the soil. Use them separately and substitute one for the other occasionally if considered advisable. A. F. J. B.

POOR STEM AND CALYX.

I inclose a sample of my carnations. They burst and have leaf-spot. I have treated them with sulphur and lime as directed in the REVIEW, October 11. They grow finely and bloom freely, but the stems are weak. I gave them lime last week. When should I give them lime again? T. R.

You do not say what variety the bursted bud was taken from, and so I cannot tell you whether the fault is in your culture or whether it is characteristic of the variety and cannot be prevented altogether. You might reduce the bursting considerably by holding the temperature as evenly as possible, avoiding all sudden changes, and also in the watering. Keep them just a trifle on the dry side and do no feeding until the days get longer and lighter again.

Since your stems are already weak, I would not advise you to raise the temperature above 52 degrees at night, and 6 degrees warmer on cloudy days and 15 degrees warmer on sunny days. Also, don't raise too quickly in the morning nor drop too quickly in the evening, but make a gradual change from night temperature to day temperature and back again in the evening.

Do not apply the lime oftener than once each month. If this does not seem sufficient, then procure some hard wood ashes; they affect the stems quicker than lime. A. F. J. B.

Our clearing sale Bulb adv. in the Special Autumn Number of

THE WEEKLY FLORISTS' REVIEW

brought us three times as many orders as we could fill; and they are still coming.

FRANKEN BROS.

Lake Forest, Ill.
Nov. 28, 1906.

ANNUAL CHRISTMAS NUMBER, DECEMBER 13.

FLATBUSH, N. Y.—Henry and Paul Dailledouze have returned from their western trip. After the Chicago show they went to Denver and Colorado Springs, returning via Lafayette, Richmond and Cincinnati.

AMERICAN CARNATION SOCIETY.

Carnations Registered.

James D. Cockroft, Northport, N. Y., registers the following varieties:

Harvard—A cross between Prosperity and Maceo; color glowing crimson, just the Harvard color; size, three and one-half to four inches; calyx non-bursting; stiff stems, averaging thirty inches in length from early fall to spring. Has an exceptionally clean habit and is a free bloomer.

Georgia—A cross between Prosperity and Morning Glory; color, clear white; size, three and one-half to four inches; calyx does not burst; strong stems, twenty-four to thirty inches in length. An exceptional keeper, with a growth where every shoot produces a flower, and is very fragrant.

Faust—A cross between Maceo and Morning Glory; color, bright scarlet; size, two and one-half to three inches; strong calyx which will not burst; strong, stiff stem, two to three feet in length. A good, clean grower, producing flowers all the time.

About a month ago, Stevenson Bros., of Govanstown, Md., registered with this society a carnation under the name of Debutante. This registration was made early in the week, but in order that registrations may appear in all of the trade papers simultaneously, the secretary holds all registrations received during the week until Saturday, and they then appear the following week. On account of this delay of one week, another carnation appeared in print under the name of Debutante, although it was not registered with any society. This, of course, gave this carnation precedence in print, and as the owner thereof would not consent to change the name, Stevenson Bros. have kindly consented to change the name of theirs in order that there may be no confusion in the trade. They now register their carnation under the name of Splendor, a very pretty shade of pink, large flower, good calyx, stiff stem, extremely prolific and a grand keeper.

ALBERT M. HERR, Sec'y.

HASTINGS, NEB.—C. W. Sidles has recently completed an addition to his greenhouse plant. Also another steam heating plant has been installed.

WE have received orders from Pennsylvania on the east to Washington on the Pacific coast from our advertisement in the REVIEW.—W. C. HILL FLORAL CO., Streator, Ill., Dec. 3, 1906.



NEW RED HYBRID TEA ROSES.

One of the most promising of these is Grüss an Sangerhausen. This was raised in the establishment of that eminent rosarian, Dr. Müller, at Weingarten, in Wurtemburg, and was placed in commerce in 1904. From its behavior in my garden this season, says a writer in the Gardeners' Magazine, it promises to sustain the already good reputation borne by the other productions of this raiser. Though classed as a hybrid tea, its habit and extremely floriferous character would lead one to suspect that it is a close relative of the Chinas, and this appears quite probable. The flowers are most deliciously scented, and their coloring—a pure reddish scarlet, without a suspicion of carmine or amaranth—far surpasses both that of Lady Battersea or Liberty in effect. The long, pointed buds are held on stiff, upright stalks, and open into perfectly shaped blossoms of moderate size. Not the least distinctive feature is the luxuriant foliage, which is a dark purplish green, and a fine contrast to the vivid hue of the flowers. It seems quite probable that when it has recovered from the effects of over-propagation it will develop more vigor.

POTTING THE CUTTINGS.

As soon as the cuttings have obtained roots half an inch in length they should be potted without delay. If the cuttings are allowed to stand in the cutting bench after they are ready for potting the roots begin to run in search of food and, finding nothing but water, they soon mature and become useless for the support of the young plant. When the roots attain such a large size they are always more or less destroyed in the operation of potting.

The soil for potting should be passed through a screen of half-inch mesh, so that the young rootlets may have a close bed of soil around them. The quality of soil to be used is of the utmost importance. It should be a good, friable loam with a little clay mixture, if possible, and with no fresh manure in it. The soil left over at planting time, if it has been properly cared for since, is in just the right condition for young stock.

Two-inch standard pots are large enough for a first potting. These pots should be clean outside and inside, especially inside, so that at repotting time the balls may be turned out without breaking. The roots should be so placed that when the soil is firmed around the plant they will be about one-third of the distance down the pot. The pot should not be filled flush, as this would leave no room for water.

The young stock should be thoroughly watered as soon as possible after potting. This operation usually requires to be repeated several times before the soil can be made uniformly moist and care should be taken not to reduce the soil to the condition of mud.

The plants should be moved into the house as soon as convenient and not be allowed to stand around the potting shed, where there always is more or less draught. Select a bench which is both light and airy and place a bed of ashes or some such material on the bottom to act as drainage.

Shade from bright sun for a few days, until root action has commenced, when they should be exposed to the full rays of the sun.

Care in watering, so that the soil may never become dry, and using the syringe freely twice a day during bright weather, keeping a steady night temperature of 56 degrees, with ordinary rose temperature during the day, will give them a sturdy and vigorous habit. Ribes.

ROSE RUBIN, OR RUBY?

Jackson & Perkins Co., Newark, N. Y., furnishes the following translation from the Journal des Roses:

"In its issue for August 25, 1906, the Deutsche Gartner Zeitung, Erfurt, publishes a large illustration of the climbing rose Rubin, originated by J. C. Schmidt, Erfurt, Germany, and introduced in 1899. This climbing rose, which is very vigorous, is especially recommended for decorating pillars, as well as for quickly covering arbors. It is simply an improved variety of Crimson Rambler, with which it has much similarity; its flowers are a little larger and of a brighter red. These are the principal characteristics which distinguish it from Crimson Rambler.

"This rose is the variety which was exhibited as a novelty in 1905, in the rose division of the French National Horticultural Society, by Cayoux & Leclerc, seedsmen, Paris, under the erroneous name of Ruby.

"Why change further the already badly mixed nomenclature of roses? The first name of this sort is the one which should be retained for this climbing rose, whose purchase and planting are to be particularly recommended in high and cold regions because of its hardiness."

ASPARAGUS FALCATUS.

For florists's work, most cultivators find it more advantageous to plant out on staging, instead of on beds formed on the floor of the forcing house, some small amount of heat in the beds being obtained from two or three hot-water pipes underneath. With this method of cultivation the growth, both sprays and trailing shoots, will be of a lighter green tint than from plants in low beds, this tint being preferred by purchasers. Seedling plants, raised in the late spring months, which may be bought in the autumn at a cheap price, and potted in small pots, in which they are wintered, are to be preferred to divided stools, as the growth of the seedlings is very vigorous the next year.—Horticultural Advertiser.

We have been very well pleased with the paper.—B. C. Morris Floral Co., Salt Lake City, Utah.



CHRYSANTHEMUM CERAMIC.

The accompanying illustration is from a photograph made at the establishment of Chal. Peterson, East Liverpool, O., and shows the type of flower of the variety Mr. Peterson says is his best money maker. It is a yellow sport of Queen, straw color, like the old Philadelphia, but with a glossy appearance, not the dry, hard, dull yellow so common to the flower. Mr. Peterson says it is the best keeper and best seller of all the mid-season mums he ever has grown. The lower petals do not droop against the stem and become unsightly, as in some otherwise good sorts. The foliage is heavy, growing well up to within four inches of the flower. Mr. Peterson grows two and three flowers to the plant and gets stems three to four feet long. This season he cut his first flower October 27 and the last November 24. Every flower was salable. He has named the variety Ceramic.

BEST EXHIBITION SORTS.

A Retrospect.

Now that the shows are over, one can size up the results and revise the list of best varieties to grow for exhibition purposes. That there would be some changes was to be expected, and as usual some of the older ones fell by the wayside. In the list I append, it will be noticed that only two of the older varieties appear. They are Colonel Appleton and Merza. These two seem to have a perennial lease of vigor and are hard to beat in their color. Between Beatrice May and Miss Clay Frick, Merza will not be needed after this year, perhaps, but

where it shows up good it is still a grand thing. All growers may not agree entirely with my list as given, but it is compiled only after considerable study of such of the flower show notes as give list of prize winners, combined with my own experience, and correspondence with noted growers. Some good things in the French varieties I am not acquainted with, and must perforce pass them by, but if a grower is called on to stage forty varieties and puts up the ones I have named, in good shape, he will be bound to land in the money. My list is as follows:

Yellow.—Col. Appleton, Mrs. Geo. Hunt, F. S. Vallis, Mrs. W. Duckham, Cheltoni, Chr. Montigny, Gen. Hutton, Mrs. E. Crossley and Mrs. W. Knox.

Pink.—W. Duckham, Miriam Hankey, Morton F. Plant, Lady Hopetoun, President Viger, Valerie Greenham, Leila Filkins and T. Richardson.

White.—Beatrice May, Miss Clay Frick, May Seddon, Mrs. D. V. West, Nellie Pockett, President Loubet, Mrs. F. F. Thompson, Ben Wells, Merza and W. Wells.

Crimson.—Mrs. H. Partridge, Mrs. A. H. Lee, Merstham Crimson, Merstham Red and S. T. Wright.

Odd Colors.—Mrs. A. J. Miller, Mrs. Henry Barnes, Mrs. John E. Dunne, Mrs. Geo. Heaume, E. J. Brooks, Mary Inglis, Mme. G. Rivol, D. McLeod and Ethel Fitzroy.

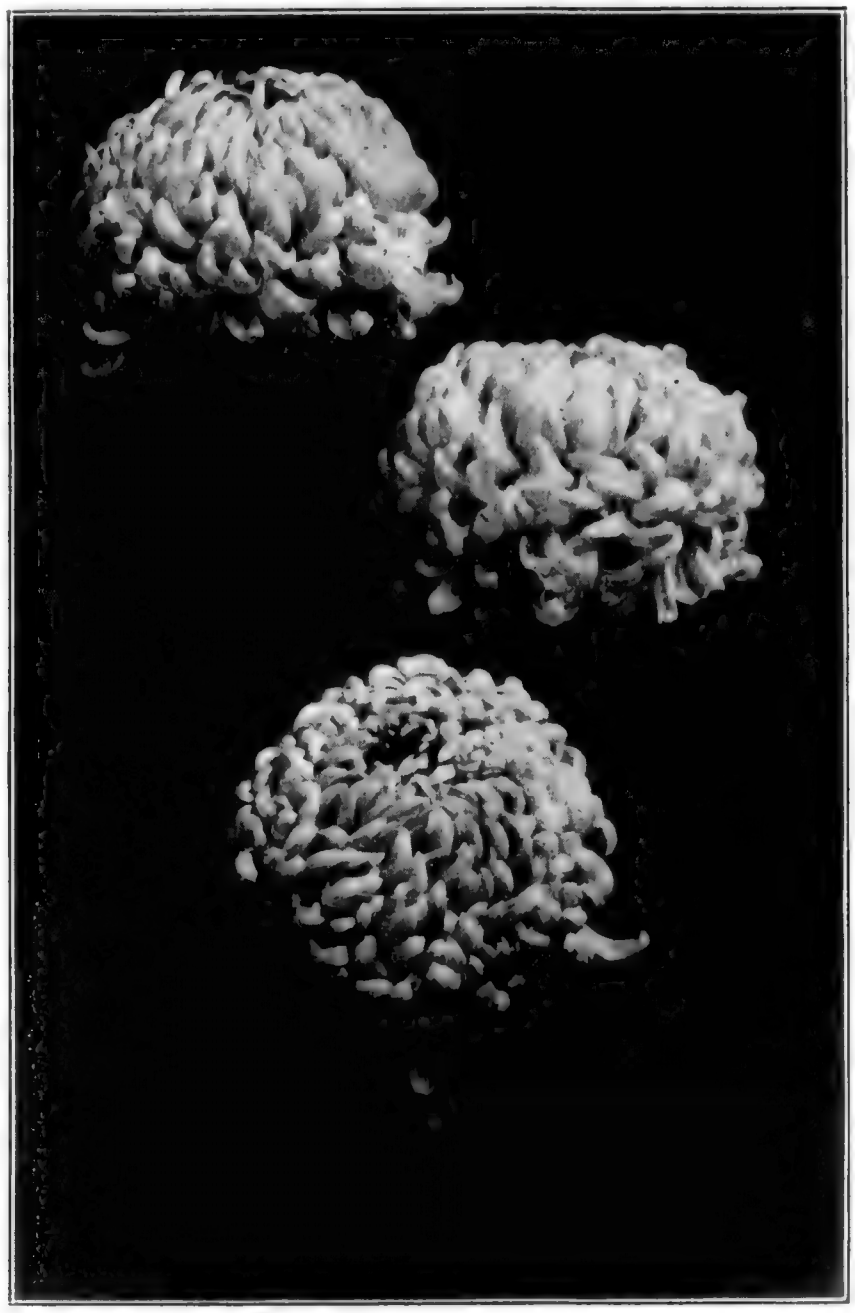
Looking over this list, one sees much of interest, not the least of which is the overwhelming preponderance of the Australian varieties. The reason for this has been discussed so much that it is unnecessary to more than mention it here, namely, similar climatic conditions. Three lone American varieties only are in this list, namely Appleton, Merza and Morton F. Plant. But there is comfort in the thought that if we have three, there is no reason why we can not have others. I think the time is not far distant when this will be changed, but it takes time. We were wedded to a commercial ideal so long that we are not yet rid of it. Several things shown this fall in seedlings are distinct breaks from the sameness, and it is only a matter of time, I believe, when we will be turning out our quota of good things.

The Yellows.

In the yellows, Mrs. Geo. Hunt is the only novelty. It is enormous in size, but must be taken on a crown bud in August, as later buds are deficient in petalage. Mrs. W. Duckham has shown up better than ever in many sections and is merely showing, now that it is generally distributed, what an all-round fine thing it is. In the face of some criticism, I have always maintained this and it is pleasant to have one's judgment vindicated. Hutton is really too tall a grower, but the flower is fine and the stem is stiff enough to satisfy the most captious critic.

Mrs. E. Crossley is not so well known, but it will push to the front. It is a variety I introduced last year, and shines more particularly in the short-vase class.

Chr. Montigny makes an immense bloom, but in a fall as warm as we had this year many of the first petals damp, which, having to be cut away, scale down the size of the flower. Mrs. Geo. Hunt will displace Montigny in time, in my belief. Mrs. Knox is somewhat necky, but a well finished flower of this variety, taken as a flower pure and simple, can not be beaten in form, size and finish by any variety on the boards. When it comes to staging on long stems, it's a different story, as the long neck will hang a little and the beauty of the variety is lost. Knox is a short-vase variety only, but a telling one in its place.



Chrysanthemum Ceramic.

The Pinks.

The pinks also show only one novelty, Miss Miriam Hankey, as I am careful to include only such varieties as I am absolutely sure of. This variety, as it behaved with me, is the king-pin of all the pinks we now have, making an immense flower and having ideal stem and foliage. Space forbids too much detailing, but Hankey is here to stay, unquestionably.

W. Duckham is so well known that comment is needless, but it is still holding its own in a remarkable manner. Strange that in some sections it shows such an eye.

Lady Hopetoun is purely an exhibition variety, as the stem can not hold the enormous flower erect, but as a front row flower in the short-vase classes, it will prove a winner every time. Morton F. Plant has not been the general success I could have wished, but it is a fine variety when studied out, and as a commercial flower I consider it fine, as even June struck cuttings produce fine flowers with me. It will be shown better next year.

Valerie Greenham is one of the largest blooms grown and also, unless handled right, one of the coarsest. The bud should not be taken before September 1, as earlier buds have a poor color and produce a ragged flower. Catch it right as to bud, and Greenham is all right. President Viger is a French variety that I never grew in quantity before this year, but it is a great and good variety in the Japanese section. The flower is immense and foliage and stem correspond.

Leila Filkins is holding its own very well and has been exhibited in splendid shape this year. T. Richardson has also been shown finely this year. The color, being a delicate shell pink, is too light to permit of setting up this variety in the ordinary pink class. It must be shown either in the collections or in a class for light pink.

The Whites.

The whites are now getting strong again. Beatrice May has been shown almost everywhere, and invariably fine. This chrysanthemum is a record-breaker in every sense of the word. The foliage is poor, being mottled with white and twisting up some, but that is its only fault. In common with Mrs. Jerome Jones, and other splendid whites in their day, Beatrice May comes a pinkish hue on late buds, but I cannot see that this hurts it any. One particular case I know the flowers came a good pink, but that is an exceptional case, due to some local condition of the soil or feeding.

Miss Clay Frick, as the white Duckham is now called, will make its mark next year in the exhibitions. Stem and foliage are precisely similar to the pink Duckham. A percentage of my flowers were a delicate blush, instead of pure

white, but that I believe was due to my own fault in using a strong solution of ammonia to feed the plants after the flowers showed color. I feel safe in saying that this variety will be absolutely pure white with the majority of growers. The flower seems to finish better than the pink variety, the ones set up in Chicago being especially noticeable in this respect.

Mrs. D. V. West was late this year and was missed from some of the earlier shows, but when it did come it made up for itself. If West only had an Eaton stem, it would be a splendid thing.

Nellie Pockett still holds on. I saw it particularly fine at Redbank, and when set up as it was there it is a hard one to beat.

Mrs. F. F. Thompson has a long, bare neck and fits in best in the short-vase classes, or where artificial supports are permitted. Some growers do not like it on this account, but the flower itself, when well done, is so strikingly distinct and beautiful that it is well worth a place.

May Seddon has appeared as the largest flower in the show at several places, and will be more largely grown next year. It is a slow grower and should be got under way early in the season. Cuttings rooted in January and grown right along were not over three feet high at flowering time. It will on this account stand more nitrogenous food than most other varieties.

President Loubet, if we can all grow it as it was staged before the New York committee, will be a cracker-jack. Once in a great while we get a French variety that comes to stay like M. Carnot or Chr. Montigny, but they are not numerous.

W. Wells has been fine in several places and seems to have established itself. It is a grand, strong grower, but seems prone to red spider in most localities, and needs close watching during the summer.

Odd Colors.

In the odd colors, perhaps the finest is Mrs. John E. Dunne. This variety has done well all over the country—better possibly in the vicinity of New York than elsewhere. The color is peculiar, being old-rose streaked with bronze. It is a most effective variety and does not have a single fault.

Mrs. A. J. Miller was fine everywhere. The color is variable and it has won prizes as a red, bronze and several other colors this year, but whatever color it was shown in, it seemed to capture the money. Miller is a first-class variety.

E. J. Brooks has done well also. It is a purple crimson variety. Here and there it has shown an eye, but not when properly grown and the crown bud caught right. It is hard to see any faults in Brooks.

Mrs. George Heaume has found many admirers. The color is unique, being a salmon overlaid with bronze, and the effect is really very beautiful. Not the least of Heaume's virtues is the fact that every bud makes a perfect flower. There is no loss with it whatever. It will produce more high grade flowers than any other variety I ever grew.

Mme. G. Rivol came a deep yellow with me last year, and I sent it out as a yellow. This year it is all colors, from bronze to cherry red. It has been said that the chief charm of the mum is "its infinite variety." This being the case, Rivol is a variety show in itself, for hardly any two flowers are exactly alike.

Donald McLeod comes pure yellow on an early crown, but is a beautifully striped flower on a late crown. McLeod must be caught on a crown, as the terminal bud produces a flower that is almost useless.

Inglis and Fitzroy are well known and need little comment. The last named is the finest bronze we have, but the stem is brittle and it needs careful handling.

The Crimsons.

In the crimsons, I place Mrs. H. Partridge as first. It never damps and is an all-round good thing. I have not heard one grower run it down. Any bud is good and growth and other essentials leave nothing to be desired.

Mrs. A. H. Lee is somewhat the same in this respect, but a shade deeper in color than Partridge. Lee does not have so wide a petal, but is more reflexing.

Merstham Crimson is the deepest in color, shading sometimes almost to black, but any variety that shades to this color will burn, and one can not feed but very little; consequently the flower is smaller.

S. T. Wright is still fine, but it must be struck late, and does best grown in small pots. Any attempt to get it big only ends in failure.

Merstham Red shades more to red than crimson and may be relied on every year to come to time.

There are other varieties, of course, but this list will hold its own in any company. Charles H. Totty.

LARGEST BLOOMS.

Will you please tell me, through your columns, which are the largest mums, in the different colors, that will bloom by November 15? Also tell me if Minnie Wanamaker can be brought in by October 20. What is the best time to make mum cuttings? I. M. P.

A list of just the largest flowers would run about as follows:

Yellow—F. S. Vallis, Mrs. E. Thirkell, Mrs. Geo. Hunt and General Hutton.

White—Beatrice May, Mrs. D. V. West, May Seddon and Mrs. F. F. Thompson.

Pink—Valerie Greenham, Morton F. Plant, Lady Hopetoun and Wm. Duckham.

Crimson—Mrs. H. Partridge, Mrs. A. H. Lee and S. T. Wright.

Odd Colors—Mrs. John E. Dunne, Mrs. A. J. Miller, Mrs. Geo. Heaume and Mary Inglis.

Size alone is not the only desirable thing for exhibition. Color, form, stem and other points all count. I. M. P. will find good information on this point in my list of varieties given in this issue. Many fine exhibition varieties are not suitable for commercial growing.

Cuttings may be rooted in February, March or April, or even as late as June for ordinary commercial cultivation.

Exhibitors who try to get their flowers as large as possible propagate mostly in February or March.

Minnie Wanamaker used to be classed as a late with us, though we discarded it years ago. It is possible to bring it in, I have no doubt, by planting early and getting a good crown bud.

C. H. T.

Wellsville, N. Y.—W. F. Yewdall has a variegated sport from Enchantress which he thinks is the finest variegated carnation he has yet seen.



Table Decoration by John H. Dunlop, Toronto, Ont.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

New York, December 1.—Mlle. Jeanne Rosette, rose-pink and silver reverse, Japanese incurved, exhibited by the E. G. Hill Co., scored ninety points commercial scale.

Philadelphia, December 1.—Mlle. Jeanne Rosette, rose-pink, Japanese incurved, exhibited by E. G. Hill Co., scored eighty-six points commercial and eighty-seven points exhibition scale.

Cincinnati, December 1.—Mlle. Jeanne Rosette, pink, Japanese incurved, exhibited by E. G. Hill Co., scored ninety points commercial scale and ninety-one points exhibition scale.

Philadelphia, November 26.—Sport of T. Eaton, white, Japanese incurved, exhibited by J. S. Stremler, Princeton, Ky., scored eighty-one points commercial scale.

In a note from A. B. Cartledge, chairman of the Philadelphia committee, he states: "The variety shown was so entirely different from Eaton we wondered if the raiser could have been mistaken in any way." I wrote to Mr. Stremler and in reply he says he found the variety in 1904 among his Eatons and does not know where it came from, except it be a sport of Eaton. He sent two flowers to the E. G. Hill Co., who said they thought it was Mrs. Jerome Jones. Would the E. G. Hill Co. please give their views in the matter?

DAVID FRASER, Sec'y.

TABLE DECORATION.

The illustration on page 154 is from a photograph made at the Toronto exhibition early in November and shows a dinner table decoration by John H. Dunlop. It was an oval table, with the center-piece and candelabra at the ends. The center-piece was of cattleyas and Asparagus plumosus. Strings of asparagus on the board led out to points between the plates. The corsage bouquets also were cattleyas.

THOMAS H. WESTWOOD.

The newly elected president of the Gardeners' and Florists' Club of Boston, Thomas H. Westwood, has been a staunch supporter of that organization for years. He has filled the office of vice-president



Thomas H. Westwood.

on several occasions, and while he had no aspirations for a higher one, his many friends felt that one who had been a loyal worker so long was entitled to the highest office.

Mr. Westwood, like so many more gardeners, is a Scotchman, and a native of Kirkcaldy. For quite a number of years he has been in charge of the beautiful Forest Hills cemetery, where bedding out is always well done. The club is bound to prosper under Mr. Westwood's guidance.

W. N. C.

SEEDSMEN'S COLLECTION BUREAU

FACILITIES OFFERED FLORISTS.

History of the Bureau.

With a view to improving the markedly bad credit conditions existing in the seed trade some years ago, the Wholesale Seedsmen's League, in 1901, established a credit bureau; a department which they intended should be to the seed trade in its entirety a protective-credit, mercantile and collection agency; one which should be maintained, if need be, at an expense to themselves, and which should be conducted entirely for the furtherance of the interests of the members of the seed and allied trades. It was designed that this bureau should handle as a collection agency all the bad accounts contracted by the members of the league, should keep a record of the undesirable buyers who do not pay their bills, and should at stated intervals report to the trade their names as a warning against taking on business with them.

This, then, was the inception of the present Bureau of Credit of the Wholesale Seedsmen's League, a bureau that has now for five years worked untiringly in the interests of the trade, and which has proved itself to be a most valuable adjunct to every firm privileged to make use of its facilities.

While in the beginning the Bureau of Credit was intended to limit its operations to the members of the Wholesale Seedsmen's League, it proved to be such a practical help to the members of that organization that the advisability was discussed of extending its operations to embrace that portion of the seed trade not represented in the membership of the Wholesale Seedsmen's League. This move was thought so well of that in 1903 the directors of the league brought the bureau and its work to the notice of the American Seed Trade Association, inviting the members of that body to make use of its facilities. The advantages were so plainly manifest to the officers of the American Seed Trade Association that they promptly accepted the offer and took the steps necessary to admit their membership to the use of the bureau's services. That was some three years ago, since when the bureau has worked for members of both the Wholesale Seedsmen's League and the American Seed Trade Association, covering through their combined membership practically the whole seed trade.

Florists Membership Suggested.

Now, it has long impressed the di-

This paper is by W. S. Powell, of Boston, who addressed the Society of American Florists at the Dayton convention, but whose remarks, because of the lateness of the hour, did not occasion the discussion the importance of the subject seems to demand. Mr. Powell is manager of the Bureau of Credit of the Wholesale Seedsmen's League.

rectors of the league that this system, which has proved such a decided success in the seed trade, ought with equal success to be extended to embrace the allied florists' trade, and to work just as satisfactorily for them as it does for the seedsmen; that its work covering both of these somewhat related trades ought to make it more valuable to the members of each. And in this connection I may say that the matter also has been discussed with officers of the American Association of Nurserymen, and it is hoped that at no far distant date the bureau will have the coöperation of that trade. Then, with the acceptance of the suggestion that ought to be made, it will thoroughly and comprehensively cover the whole of the affiliated lines of florists, seedsmen and nurserymen.

The suggestion which I speak of as relating to the florists is an invitation which the Wholesale Seedsmen's League is about to extend to the Society of American Florists, and through it as an organization to its members individually, to become active users of and coworkers with the Bureau of Credit of the Wholesale Seedsmen's League; to make fullest use of its various departments, for the collection of overdue accounts and for the prevention of unsatisfactory ones; for the adjustment of business controversies when its services can be of assistance; and as a florists' mercantile agency, just as it now acts as a seedsmen's mercantile agency.

How Collections Are Made.

As the workings of the Bureau of Credit are unfamiliar to most of the members of the S. A. F. it may not be amiss to say a few words in general explanation of them. Perhaps the first and most important province of the bureau is as a trade collection agency. A brief outline of its collection methods will, I am sure, show why the bureau has proved to be the most thorough, most economical and by far the most effective collection agency in operation today:

The first step the bureau takes with a debtor is to notify him that unless he pays the overdue account within a specified time his name will be reported to the firms whose names appear on the back of that notification sheet, and that those firms will refuse to sell to him except for cash until the debt is settled and his name reinstated. On the back of this letter appear at present the names of the members of the Wholesale Seedsmen's League and the American Seed Trade Association, which means practically the whole seed trade; to which list will be added the membership of the S. A. F. if favorable action is taken on the suggestion which the league makes. This notification shows a debtor that unless he pays up promptly he is without credit in the trade, as every important firm in the trade will be made acquainted with his non-payment. Such a condition is, of course, disastrous to any man who intends to stay in business, and even the hardiest debtor is quick to realize the importance of satisfactorily adjusting the debt then before him, for which he knows he will be reported if he does not pay. In addition to this purely business reason for paying an account so discussed, there is in every man a moral objection to being made known to a whole trade as a man who refuses to pay his honest debts; who is to be avoided as a customer and not to be trusted; and this purely psychological effect of the bureau's demand letter has in more than one case been sufficient to bring settlement from a man who was absolutely uncollectible by any legal process.

The fee on collection made through the demand letter and resulting correspondence is five per cent of the amount collected, or just one-half of what is charged by any other reputable collection agency. When one considers that fifty per cent of the dead accounts which the bureau collects are gotten through this department, he can see what a saving to members this means.

In addition to the demand department the bureau maintains a fully equipped attorney's department; for, as potent as is the demand letter and its followers, it is frequently necessary to resort to more drastic measures. When a debtor fails to reply satisfactorily to the demand letter the member is notified of the fact and advised that with his consent the case will be put in the attorney's department, which will have an attorney at the debtor's place act vigorously, not, however, entering actual suit or incurring expense without specific authority. Through the attorney's department of the bureau any account which is collectible by any legal process is collected at the minimum of expense to the member.

The fees for collecting through the attorney's department vary from five per cent to ten per cent of the amount collected, depending upon the size of the claim. All collection fees, however, are entirely contingent, no charges being entered where an actual collection is not made.

To sum up in a few words: I am sure that every one who is familiar with the work of the Bureau of Credit will agree that as a trade mercantile and protective credit agency it is in advance of any movement there is in operation today. Five years of actual work among the seedsmen have proved conclusively its superiority to any other collection system; and there isn't any doubt that the movement will work just as successfully and advantageously among the florists, whose interests are allied to the seedsmen's. The florists' trade needs such an organization just as much as did the seed trade before the establishment of the present bureau, and the bureau is willing to offer its splendid facilities to the florists to fill that need. The bureau is thoroughly organized, legally incorporated under the laws of the state of West Virginia, with a special provision in its charter to conduct a full mercantile and collection agency, and by reason of its covering of the combined field of florists, seed growers and seed dealers, can work more effectually for the florists than would even a like bureau organized in this particular trade, limiting its scope to just the one line of business.

How Florists May Participate.

Before the individual members of the S. A. F. can avail themselves of the Bureau of Credit it will be necessary for the society as such to go through the formality of becoming a member of the Wholesale Seedsmen's League. This formality is easily arranged. The one expense the society would be put to would be yearly dues of $25 as a stockholder of the Wholesale Seedsmen's League. After the action outlined had been taken the members of the S. A. F. would be entitled to the use of the bureau with full privileges of all its departments, those so desiring receiving the notification sheets of delinquent, undesirable and unworthy buyers in both the florists' and seed trade, having at their disposal the mercantile agency facilities of the bureau for obtaining special reports on concerns desiring credit at their hands. Each member so making use of the bureau, and receiving its benefits, would be asked to subscribe $10 per year toward the actual expenses of maintaining the bureau; which, being conducted on co-operative lines, is not self-supporting. This is exactly the arrangement under which the Bureau of Credit works with the members of the American Seed Trade Association, and which has proved so eminently satisfactory to them. I might say here that the balance of the expense of maintaining the bureau above these subscriptions and collection fees is borne by the members of the Wholesale Seedsmen's League and amounts to considerably more than $10 per year for each member.

The Present Sponsers.

In closing I would call your attention especially to the fact that the Bureau of Credit is distinctively a trade factor, vouched for by the most important firms in the seed trade. Take for instance its present board of directors: F. W. Bruggerhoff, president J. M. Thorburn & Co., New York; Charles H. Breck, president Joseph Breck & Sons, Boston; Jerome B. Rice, of J. B. Rice Seed Co., Cambridge, N. Y.; W. Atlee Burpee, of W. A. Burpee & Co., Philadelphia; Burnett Landreth, of D. Landreth Seed Co., Bristol, Pa.; L. L. May, of L. L. May & Co., St. Paul, Minn.; S. F. Willard, of Comstock, Ferre & Co., Wethersfield, Conn.; Albert McCullough, of J. M. McCullough Sons Co., Cincinnati.

I am sure the fact that the bureau is under the direct supervision of these men will sufficiently indicate its character and that steps soon will be taken to bring about co-operation between all branches of the trade. In fact, I feel sure that the facilities of the bureau thus being open to the florists will be an added inducement to florists doing a wholesale business to keep up their membership in the S. A. F.

ROMNEYA COULTERI.

Those who are not conversant with Romneya Coulteri should lose no time in procuring it, choosing a suitable site, and growing it well. It is the magnificence of its blossoms individually rather than the number it produces at one time that renders the plant so interesting, and blooms seven inches in diameter are common on vigorous plants. The pure white, crinkled petals, set off in the center by a deep yellow mass of anthers, have a pleasing appearance, and like all poppies, the blooms suddenly burst into full beauty, especially during a bright morning. The perfume, too, is distinct and pleasing, quite different from the ordinary aroma emitted by the papaver family.

Plants should be procured established in pots, as they are impatient of root disturbance; turn them out carefully, and do not plant too deep, pressing the soil firmly about the roots and keeping it moist until growth is fairly on the way, when abundance of moisture, both over the leaves after a hot day and at the roots will create a luxuriant growth, without which it is useless to expect good flowers.

Mulchings of horse manure aid growth by feeding the roots and conserving

moisture. The branches will need some support either by securing them to the wall or by stakes, the latter being probably the best way to preserve the natural bushy form of growth.—Gardeners' Magazine.

OBITUARY.

Albert Zimmerman.

Albert Zimmerman, of Pasadena, Cal., died on the train while traveling in southern Arizona. He was, in company with his wife, returning from Tucson, where they had been for some time, hoping to get relief for Mr. Zimmerman, who has long been a sufferer from lung trouble. The funeral was held from his late residence, Sunday, November 25, and was largely attended by his former associates and friends.

Mr. Zimmerman was the superintendent of parks in Pasadena for years. His host of friends mourn his loss, as he was an able, industrious student of nature and a noble, kind-hearted man.

George Ellwanger.

George Ellwanger, senior member of the firm of Ellwanger & Barry, Rochester, whose reputation as a horticulturist and nurseryman was international, died November 26, aged 90 years.

George Ellwanger was born at Gross-Heppach, in Wurtemberg, Germany, December 2, 1816. The place of his nativity was one of the grape producing valleys of that region. It was there that his youth was spent and there he laid the foundation for his long and useful career in the domain of fruits and flowers. Recognizing his natural tastes his parents placed him for five years in a leading horticultural establishment at Stuttgart, where he perfected his knowledge of horticulture and landscape gardening.

Mr. Ellwanger came to the United States in 1835. He first went to Tiffin, O., but soon located at Rochester. He first entered the establishment of Reynolds & Bateham, whom he bought out in 1839. Mr. Ellwanger spared no pains or expense in procuring the choicest stock, and he applied from the outset those methods of sterling integrity which made for the great celebrity quickly attained by the Mount Hope Nurseries and gained for them a reputation throughout the world which has been maintained in all of the intervening years. In the year 1840 Mr. Ellwanger formed a business partnership with the late Patrick Barry, which continued until Mr. Barry's death in 1890.

It would be difficult to overestimate the importance of Mr. Ellwanger's influence on the horticultural interests of not only western New York, but of the entire United States. No other person in the country has introduced so many new varieties of trees and plants as Mr. Ellwanger. Among the many innovations which he introduced were dwarf apple and pear trees, and he introduced among many other celebrated varieties of fruits the Northern Spy apple. He also literally revolutionized methods of pruning fruit trees, applying scientific processes which have now been universally adopted.

It is probable that to George Ellwanger more than to any other individual Rochester is indebted for its material prosperity, for the value of the industry which he established is beyond computation. Great as is the industry with which his name will be ever connected, it was not alone to horticulture and kindred subjects that he gave his attention. He was prominently connected with the early and late fortunes of the Flower City. He was president of the Ellwanger & Barry Nursery Co. and the Ellwanger & Barry Realty Co., first vice-president of the Reynolds Library and vice-president of the Powers Hotel Co. He was a director in five banks and intimately connected with other commercial institutions. He was one of the promoters of the first street railway and was also closely identified with and a director of the Eastman Co. He was a life member of the American Pomological Society, the New York State Agricultural Society and the Western New York Horticultural Society, and was a corresponding member of the Massachusetts Horticultural Society.

His benefactions have been munificent and during all of his long and active life he was interested in every movement which made for the betterment of Rochester and its citizens. It will not be forgotten that the firm of Ellwanger & Barry gave to Rochester Highland park.

Although Mr. Ellwanger's business life was active and engrossing, he always found time for culture and extensive reading. It was Mr. Ellwanger's custom until about four or five years ago to celebrate his birthday by having a gathering of his friends, to whom he gave a reception and banquet. Although his mind remained clear, he was something of an invalid during the last few years, and only immediate relatives came to observe his birthday at his Mount Hope avenue home.

Mr. Ellwanger was a communicant of St. Andrew's Episcopal Church. In 1846 he married a daughter of General Mical Brooks, one of the pioneers of western New York. Mrs. Ellwanger died about two years ago. Of his four sons, three are deceased. William D. Ellwanger is a resident of Rochester.



George Ellwanger.

DISEASE OF REX BEGONIAS.

The cultivation of the Rex begonias is not so general as was formerly the case, notwithstanding the few difficulties attending it; and moreover, the plants have suffered from the infestation of a mite which, if its ravages are unchecked, disfigures the leaves and main ribs, and checks expansion of the leaf. According to a writer in a German gardening journal of recent date, these minute creatures first infest the folded-up young leaves, and call attention to their presence in the rusty-brown galleries or borings, and the crippled appearance of the plant. These affected leaves and points must be removed; and as soon as a renewal of growth takes place the plant is not further liable to attack, unless as a consequence of a check, or exposure to a dry atmosphere. Other species of begonia suffer equally with the Rex varieties, as B. ricinifolia, B. metallica, etc. Good ventilation, warmth, and moisture producing freedom of growth are said to be conditions unfavorable to infestation.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

The Conard & Jones Co., West Grove, Pa., submits for registration Canna New York (C. & J. Seedling No. 1549). Height six to seven feet, with broad, bronze leaves and mammoth flowers of intense carmine. W. J. Stewart, Sec'y.

A FEW FIGURES.

The white paper consumed in printing the November issues of the Review weighed just 22,200 pounds, or eleven and one-tenth tons. If the sheets of paper had been laid upon the ground, their edges touching, they would have covered just 1,221,166 5-6 square feet, or a little over twenty-seven and one-half acres. If the sheets had been laid end to end as they came from the press it would have made a strip of paper twenty-four and three-quarters inches wide and 112 1-5 miles long. If the completed copies had been stacked one upon another it would have made a pile 422 feet high, or half again as high as a twenty-story office building.

THE READERS' CORNER.

Transportation Charges.

Will you allow us a little space in your valuable paper for what we consider the good of the trade? Of late there has been much said in regard to express rates, of which we have no little trouble. In four out of five shipments that come to us the rate is too high, but the express is not all. We find that the railroads are just as eager to charge double rates and collect them if they can. We have recently had goods come to us that should be classed under, and the classified rate book so states, fourth-class, yet they billed them double first-class. Now this occurs often and it is not because the transportation company does not know better, but because they try to get all they can, while we may do the best we can to obtain relief.

We would suggest that every house doing a shipping business see to it that all goods sent out be forwarded under the lowest class possible, and have the class so specified plainly on the bill of lading. There are many houses, some of which we deal with, which simply dump the goods at the depot and say nothing about class and take the bill of lading for same. Of course, that is just the bill of lading of the railroads. It is then their business to bill them under the highest possible class. In this fast age it behooves us as florists to look out for one another.

J. L. O'Quinn & Co.

DEPARTMENT OF AGRICULTURE.

"Congress appropriated $1,175,690 for the maintenance of the department of agriculture for the year ended June 30, 1906. This was $1,081,150 more than the appropriation for the preceding year. For the current year (ending June 30, 1907) congress appropriated $9,210,440 for the regular work of the department. The increase is chiefly due to the broadening of the meat inspection. For that service the permanent appropriation is $3,000,000. The estimated revenues of $700,000 from sales of products of the forests reserves and $780,934.68 available for the new buildings bring the total amount to be disbursed by this department during the current year up to $10,691,374.68.

"The number of persons on the rolls of the department of agriculture on July 1, 1906, was, outside of Washington, 4,648; in Washington, 1,594; total, 6,242, showing an increase during the year of 796. Of the total number, more than 1,800 have been on the rolls for six years or longer. In the classified service 917 were promoted in salary and class, and 403 resigned.

"The act approved February 9, 1903, authorizing an appropriation of $1,500,000 for segments of a new building, made possible the beginning of the construction of suitable quarters for the accommodation of the department. The work has now progressed, with the exception of the interior finish, to approximately the fourth-floor line, and it is probable that the roof will be on before the winter season. The roofing and closing in will allow the interior work to be carried on during the winter without interruption, which, without unforeseen complications, will insure the completion of operations within the contract time—namely, November 14, 1907.

"The estimated growth of the department, made at the time the appropriation for the new building was approved, has been greatly exceeded. This rapid increase will require other segments of the proposed buildings to be constructed before the department will have sufficient and suitable accommodations for its work and before the large amount paid annually for rentals can be substantially decreased."

CHINESE PRIMROSES.

Will you please tell me whether Chinese primroses will seed early enough for next spring's sowing if they are in bud and bloom now? Will they fertilize themselves without bees to carry the pollen? In what temperature and under what general conditions should plants be kept? C. F. M.

To answer the first question, we say that if they are in full bloom now you can have the seed ripe by the last part of May or middle of June, and that is as early as desirable for sowing primulas. The principal observance in saving seed of the primula in the dark days of winter is to put the plants on a shelf where the atmosphere is dry, where they will get every passing ray of sunshine and a free circulation of air. On a bench but a few feet from the ground you will have poor results.

A little artificial fertilizing of the flowers will help. If you want new colors in the flowers, then, with a clean and dry camel's-hair brush, remove the pollen of one variety to the stigma of another flower and if you want your plants to be prolific in seed-bearing, introduce the pollen of the florets to the stigma. Look over your plants every morning and perform this little operation. Above all, keep your seed-bearing plants up near the glass. Plants bearing fruit or seed will always show signs of decay earlier than those bearing no seeds, which is a law of nature, proving that reproduction is the greatest of life's functions. As the plants show a ripening of foliage and loss of chlorophyl, withhold water gradually until the seedpods are ripe and pick off each ripe seedpod as soon as ripe, or it may burst open and scatter its seeds where you cannot find them. W. S.

The Review is the best, the most helpful and the most satisfactory paper in the trade today.—W. G. Newell, Galesburg, Ill.

Enclosed find $1 for the Review for another year. There is no dollar I invest with more pleasure, or for which I get better returns.—J. F. Ammann, Edwardsville, Ill.

In spite of general reports of slow business, the last month was the biggest November we ever had. It shows WE PLEASE THE BUYERS. We start December with

CARNATIONS

in large supply and quality superb. We never handled better stock; Enchantress especially good, and lots of them.

OTHER SPECIALTIES—Sweet Peas, Bouvardia Mignonette, Fancy Valley, Finest New York Double Violets and home-grown Singles.

Plenty of all Roses in all grades. Give us a call.

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...Poinsettias for Christmas...

Special fancy, $4 per doz.; Smaller grades, $2 to $3 per doz.

Shipped in original boxes of 50 as packed at the greenhouses

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Stems, 36 to 40 inches	$5.00 to $6.00
Stems, 24 to 30 inches	4.00
Stems, 20 inches	3.00
Stems, 15 inches	2.00
Stems, 12 inches	1.50
Short stems	1.00

Bridesmaid and Bride	per 100,	3.00 to 8.00
Chatenay	"	3.00 to 8.00
Golden Gate	"	3.00 to 8.00
Richmond or Liberty	"	3.00 to 8.00
Carnations	"	2.00 to 3.00
" large and fancy.	"	4.00 to 5.00
Mums, fancy	per doz.,	3.00 to 4.00
" medium	"	1.50 to 2.00
" small	per 100,	8.00 to 10.00
Violets, single	"	1.00 to 1.25
" Fancy N. Y. dbl.	"	1.00 to 1.50
Valley	"	2.00 to 4.00
Easter Lilies	per doz.,	1.50 to 2.00
Callas	"	1.50 to 2.00
Mignonette	"	.75
Stevia	per 100,	1.50 to 2.00
Paper Whites	"	3.00 to 4.00
Romans	"	3.00 to 4.00
Bouvardia	"	2.00 to 4.00
Sweet Peas	"	1.00 to 1.50
Asparagus	per string,	.35 to .50
Asparagus Sprengeri	per 100,	2.00 to 5.00
Galax, green....1000, $1.00;	"	.15
" bronze...1000, 1.25;	"	.15
Adiantum Cuneatum	"	1.00
" Croweanum	"	1.50
Leucothoe Sprays	"	.75
Smilax.....per doz., $1.50;	"	12.00
Fancy Ferns....1000, 2.00;	"	.25
Boxwood	per bunch,	.35

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CHICAGO.

The Great Central Market.

By Monday of this week the market already was feeling the revival consequent upon the departure of the chrysanthemum. Not that there are no more mums, for considerable quantities still are to be marketed, but comparatively speaking their season is over. There are quantities of small, weak stock, but nothing like such an avalanche as came in a week ago. Really good mums now are hard to find and it looks as though the late sorts will bring equally as good prices as prevailed during the first month of the mum season. During the height of the season prices certainly have been in the buyers' favor.

The increase in the demand for roses was most welcome, for nearly all growers are beginning to cut in large quantity. The report is that from now on until after Christmas big crops may be expected. The cut is increasing on all varieties, including Beauty, but with the possible exception of Liberty, which is giving place to Richmond. The quality has suffered because of the long period of dark weather, and Maids are badly bleached, but it will only take a few crisp days with bright sun to make rose qualities all the most critical could ask.

Since Thanksgiving there have been plenty of carnations. The stock carried over from Thanksgiving served to keep the market going until the growers had rested up and begun to cut again. The result is that prices are more nearly normal than they have been at any time this season. The quality with many growers is superb, although quite a number have not yet been able to get much stem on Lawson. Enchantress is fine with nearly everyone, Paper Whites and Romans are plentiful. There are enough lilies, both Harrisii and calla, and valley is again down in price because of increased supply. Violets were scarce at the end of last week, but beginning with Monday there have been all the market could use. Mignonette and stevia are now regular items of stock. Green goods of all kinds are abundant.

Thanksgiving Aftermath.

Now that the returns are all in it appears that the aggregate sales were just about equal to last year—which was the best ever—and that the dissatisfaction which exists was caused by the unusually heavy supplies. The great quantities of stock seeking a market at advanced prices precluded a clean-up. Quiet business for three weeks before Thanksgiving and the expectation of a heavy demand for flowers to go with the turkey afforded the best of conditions for accumulating stock. Receipts were double, treble, even quadruple what they were the week before, and naturally the market appeared weak, although a volume of business equal to any previous year was being done.

Carnations were carried over in large quantities and even New York violets, of which receipts were not especially heavy, were carried from Wednesday until Saturday.

The Mum Glut Did It.

In sizing up recent business in the wide territory that draws supplies from the Chicago market, E. C. Amling says:

"Demand was active in October. Since November 6 the Chicago market has had supplies of chrysanthemums so heavy that they constantly were forcing a sale. From all reports the same thing has been true in every town from Pittsburg to Omaha, from Duluth to New Orleans. Every man who has any glass at all was loaded up with mums. Naturally he pushed them to his trade instead of pushing Chicago roses and carnations. In spite of this most of the Chicago wholesalers had a fairly satisfactory November. I look for a big boom in business as soon as the mums are out of the way."

Christmas Prospects.

With Christmas less than three weeks away all eyes are set upon the prospects for the holiday. Everything goes to show that the demand will be big—but supplies of stock will be large and growers are warned against accumulating stock at the expense of quality. Christmas buyers want only the best and will not buy stale stock at any price. Rose crops are about right, with favorable weather, for big Christmas crops. Carnations will be in large supply. The Chicago market will be fixed to do business for Christmas.

Hit By a Train.

Ferdinand Kading, who was a packer at the greenhouses of the Poehlmann Bros. Co., Morton Grove, was instantly killed Thanksgiving eve while walking on the St. Paul tracks, returning from a dance at Glen View, which he had attended with Robert Hand, one of the section foreman. They were struck by a freight

BEAUTIES

One of our strongest specialties

NOW IN HEAVY CROP

Also large cuts on of Liberty, Richmond, Chatenay, Mrs. Marshall Field, Bride, Maid, Uncle John and Carnations

AMERICAN BEAUTIES Per doz.

Extra Select	$5 00 to $6 00
24–30-inch stems	3 00 to 4 00
15–20-inch stems	2 00 to 2 50
Short stems	1 00 to 1 50

	Per 100
Mrs. Marshall Field	$8 00 to $15 00
Richmond	5 00 to 10 00
Liberty	5 00 to 10 00

....PRICE LIST....

	Per 100
Chatenay	$5 00 to $10 00
Bridesmaid	5 00 to 8 00
Bride	5 00 to 8 00
Perle	3 00 to 6 00
Sunrise	5 00 to 8 00
Uncle John	5 00 to 8 00

	Per 100
Golden Gate	$5 00 to $8 00

Roses, our selection, $4

CARNATIONS .....$4 00 to $ 5 00

CHRYSANTHEMUMS—

Fancy.....per doz.,	$3 00
Good.....per doz.,	$1 50 to 2 50
Small.....per 100,	8 00 to 10 00

Subject to change without notice

PETER REINBERG

51 Wabash Ave. **1,200,000 Feet of Glass** **CHICAGO**

train, Kading going under the wheels. Hand was thrown to the side of the track. He suffered a severe fracture of one arm, which may necessitate amputation. The men were not found until the morning after the accident. Mr. Hand is in the Monroe street hospital in Chicago. Kading was 30 years of age.

The Young Funeral.

The funeral of Otto Young on Sunday and the interment on Monday made much work for the leading retailers. C. A. Samuelson had the family order, which was the largest he has been called upon to handle since the Field funeral. So widely was Mr. Young connected with Chicago business affairs that practically all the retailers had a share in the funeral work, some of the pieces shown being among the largest and most expensive turned out in this city in many months. Rowe made a pillow using 3,000 violets, a large quantity of valley, and four dozen cattleyas. The entire drawing-room of the Young residence at 2032 Calumet avenue was occupied by the floral display.

Weather in November.

The weather continues unseasonably warm, November averaging 3 degrees above normal. We have now had, figuring on the daily mean temperature, 928 degrees more heat in 1906 than normal. In November there were only four clear days, eleven partly cloudy and fifteen cloudy. The rainfall was 3.08 inches, or 1.03 inches more than November in 1905.

Various Notes.

The transportation question is occupying the thoughts of all Chicago. The congestion is testing the public temper. In the city council it is the principal topic of debate. Alderman Peter Reinberg suggests improving conditions by building bridges at La Salle and Franklin streets and establishing two more downtown loops.

George Manos, who has a stand at the Union depot, is a partner in Manos & Laskey at the Union depot at Pittsburg, Pa.

Ned Washburn, son of C. L. Washburn, is at home from Madison, where he is taking the horticultural course in the State Agricultural College. During the holiday rush he will acquire a knowledge of the business side of practical floriculture, in the city store of Bassett & Washburn.

C. M. Dickinson is on deck again at E. H. Hunt's, feeling first rate after seven weeks' siege with rheumatism.

Sinner Bros. are cutting Harrisii in considerable quantities, still rather short stems but fine flowers.

L. Baumann & Co. are experiencing the full force of the freight congestion. They have thirty cases of Christmas supplies mixed up in the freight blockade between New York and Chicago.

A. L. Randall Co. reports the supply department working overtime with increased force to keep the Christmas orders going out promptly.

Peter Reinberg's cut of Mrs. Marshall Field rose has become quite heavy and the color of the buds is much improved since cool weather came.

The latest novelty with Vaughan & Sperry is ivy sprays.

Wietor Bros. report that they are about through with the mums, and they say it with regret, for they have had an exceptionally good season with them.

The wire department of the Kennicott Bros. Co. has been turning out some large orders for rings for the making of holly wreaths. The early shipments of holly are of fine quality.

According to report, the sales from the Guardian Angel's Orphan Asylum greenhouses last year were $14,000. It is one of the chief sources of revenue of the institution.

Weiland & Risch say they are just beginning to get a good cut, having been late in replanting last summer. They have a large part of the place in Killarney.

Emil Kroll is cutting some exceptionally good Liberty. Zech & Mann handle the stock.

The club is due to meet next week, Thursday, December 13, at Handel hall, at 8 p. m.

August Poehlmann says that they are taking all the wood possible for the propagation of their sport of Chatenay, as they consider it an exceptionally good thing.

The E. F. Winterson Co. reports the trade taking strongly to artificial poinsettias. They are useful in combination with wreaths and for places where natural flowers would not stand.

P. C. Schupp, at J. A. Budlong's, says that every day they are better pleased with their grafted roses. They have a splendid crop just coming on.

Cattleya Percivaliana is about the only resource just now, and commands high prices. Trianæ is just beginning, and, McKellar says, is in big demand.

The Benthey-Coatsworth Co. says that Killarney will be at its best with them

Boxwood — Wild Smilax

IVY SPRAYS, $35.00 per 100 lbs.

The largest and finest supply of NEW YORK VIOLETS in the West.

CURRENT PRICE LIST

Subject to Change Without Notice

AMERICAN BEAUTY,	Per doz.
36 to 40-inch stem	$5.00 to $6.00
20 to 30-inch stem	3.00 to 4.00
12 to 15-inch stem	1.50 to 2.50
Short stem	.75 to 1.00
	Per 100
Brides	$5.00 to $8.00
Bridesmaids	5.00 to 8.00
Kaiserin	5.00 to 8.00
Chatenay, Golden Gate	$5.00 to $8.00
Liberty or Richmond	5.00 to 10.00
Carnations, good	2.00 to 3.00
" fancy	4.00 to 5.00
Chrysanthemums, fancy....per doz.	3.00
" " medium "	1.50 to 2.50
Violets, single	.75 to 1.00
" double	1.00 to 1.50
Valley	3.00 to 5.00
Harrisii Lillies	15.00 to 20.00
Paper Whites, Romans	3.00 to 4.00
Callas....per doz. $2.00	Per 100
Asparagus....per string, 50c	
" Sprengeri....per bunch,	$0.35 to $0.50
" Plumosus, per bunch	.35 to .50
Galax, green....per 1000, $1.00;	.15
" bronze " 1.25;	.20
Adiantum	1.00
Leucothoe Sprays	.75
Smilax....per doz., $1.50	15.00
Fancy Ferns....per 1000, 1.50	.20
Box Wood....50 lb. case, $7.50	
Wild Smilax....50 lb., $5.00	

ROSES, Our Selection, $4.00 per 100.

VAUGHAN & SPERRY, 58-60 Wabash Ave., L. D. Phone Central 2571 **CHICAGO**

Mention The Review when you write.

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers** 35 Randolph St. CHICAGO

CURRENT PRICE LIST

BEAUTIES, extra long	$6.00 per doz.	Richmond	$5.00 to $10.00 per 100
" 36-inch stems	5.00 per doz.	Liberty	4.00 to 8.00 per 100
" 30-inch stems	4.00 per doz.	Bride and Maid	4.00 to 8.00 per 100
" 24-inch stems	$2.50 to 3.00 per doz.	Killarney	4.00 to 8.00 per 100
" 18-inch stems	2.00 to 2.50 per doz.	Gate	4.00 to 8.00 per 100
" 15-inch stems	1.50 per doz.	Chatenay	4.00 to 8.00 per 100
" 12-inch stems	1.25 per doz.	Uncle John	4.00 to 8.00 per 100
" Short stems	$0.60 to 1.00 per doz.	Carnations	3.00 to 5.00 per 100

ESPECIALLY STRONG ON RICHMOND BRIDE AND BRIDESMAID

Can Supply All Other Stock at Lowest Market Rates. Prices subject to change without notice.

Mention The Review when you write.

for Christmas, and they expect the specials will set a western price record for this variety.

All the market is keenly interested in the weather just now, but no one is keeping a closer eye on the sun than does Joseph Foerster. He was at the George Reinberg plant last Friday and says prospects are good.

Thomas Knight, of the Julius Roehrs Co., Rutherford, N. J., has been at the Palmer House for a week with a line of samples of Christmas plants. He reports good business with the leading retailers.

Among the week's visitors were A. Caspers and wife, Rochelle, Ill.; M. M. Miesse and wife, Lancaster, O.; E. G. Hill, Richmond, Ind.; Otto Schwill, Jr., Memphis, Tenn.; C. W. Johnson, Chillicothe, O.; H. Fisher, Kalamazoo, Mich.

ONE insertion of our advertisement in the REVIEW sold all the cinerarias we had ready.—RAY H. PALMER, Randolph, N. Y.

CINCINNATI.

The Market.

Thanksgiving business proved a surprise. While we were expecting good business, we were scarcely prepared for the great rush that came on Wednesday. The quantity of flowers that was handled in this city on that day was undoubtedly greater by far than that handled on any other similar occasion. Tuesday it looked as if there would be scarcely any extra trade, but Wednesday showed all that they were mistaken. Through it all prices did not advance to any great extent. There was some stiffening on carnations and Beauties, but outside of that the general run of prices prevailed. This fact tended to increase the business, as Thanksgiving is especially the day of the small buyer taking home a few flowers for the dinner-table or a vase or two about the house. Altogether we have every reason to be well pleased with the business done, and from all reports it was generally distributed, so that all had a share of it.

The days of the mum are now numbered, and after the great quantities that we have handled this year we are glad to see them go. As a general thing the chrysanthemum sold well this season, and, though it might be said that the prices obtained for them did not average quite as high as former years, still I do not believe that any one will be inclined to kick. It is a fact that in this market there were fewer mums thrown away this year than is usual. All blooms found a buyer at some price, and while at times the price was low, still they were not a total loss. We will still have mums, more or less, until after the holidays, but there will be no oversupply of them. Those that come in from now on will be sold at good prices; in fact the man who has the late mums is usually the man who makes the money. At this writing there is not a mum to be had on this market. The retailers have been scouring the various wholesale

MEDIUM AND SHORT

Buyers whose trade does not call for extra long, select stock will please remember that no matter how high a grower's average quality may be, a certain part of the cut is bound to be medium to short. Our reputation for producing the best stock in the West is so well established that buyers naturally come to us for Fancy, but some forget that we are equally well able to supply their less exacting needs; in fact, we have an especially attractive proposition for regular buyers of medium grade stock. Write us about it.

CURRENT PRICE LIST. Subject to Market Change.

American Beauties

Extra select, long,	$5.00 to	$6.00	per doz.
24 to 30 in. stems,	3.00 to	4.00	" "
15 to 20-in. "	2.00 to	2.50	" "
Short "	1.00 to	1.50	" "

Maid, Bride, Killarney, Chatenay.

	Per 100
Extra long, select	$8.00 to $10.00
Select	6.00 to 8.00
Medium	4.00 to 6.00
Short	3.00

RICHMOND.

	Per 100
30 to 36-in. stems,	$15.00
Select	$8.00 to 10.00
Medium	5.00 to 6.00
Short	3.00 to 4.00

PERLES, GATES, JOHNS, SUNRISE.

	Per 100
Extra long, select	$6.00 to $8.00
Select	5.00 to 6.00
Medium	4.00
Short	3.00

CARNATIONS.

Extra Select, all Varieties.	$6.00
Good Grade	$3.00 to 5.00

MUMS

All colors and fancy, doz.,	$3.00 to $4.00
Good medium "	1.50 to 2.50
Small per 100,	6.00 to 10.00
Valley, select	4.00 to 5.00
Lilies per 100,	16.00
Paper Whites " "	4.00
Violets per 100,	$1.00 to 1.50
Stevia per 100,	2.00
Asparagus	50c per string
" Sprays,	35c to 50c per bunch
Sprengeri	35c to 50c per bunch
Smilax	$1.50 per doz.
Adiantum per 100,	$1.00 to $1.50
Ferns per 1000,	1.50

POEHLMANN BROS. CO.

SEND CUT FLOWER ORDERS TO **35-37 Randolph Street**

GREENHOUSES: MORTON GROVE, ILL.
1,000,000 Feet of Glass.
Long Distance Telephone, Central 8573.

CHICAGO

Mention The Review when you write.

houses until everything that looks like a mum has been bought up, and many orders have been placed for future delivery.

Roses are still coming in large quantities, but with the mums out of the way they will begin to sell as they ought to. Already the better qualities have advanced sharply. Red roses are not plentiful and sell well. Carnations have increased in numbers, but there are scarcely enough to take care of the demand. Some fine ones are being handled by the wholesale houses. Violets continue to be scarce, the demand for them much in excess of the supply. Single ones bring the highest prices.

It looks now as if we were in for a spell of wintry weather. This being the case, we can look for a shortening up of all kinds of stock and a consequent sharp raise in prices.

Various Notes.

The regular monthly meeting of the Florists' Society will be held in the club rooms, Saturday, December 8, at 8 p. m. It is expected that there will be a large number of the members present, as several subjects of importance to the craft will be brought up.

Harry Mormon, who is with Julius Baer, sustained a painful injury while putting up a decoration in a church. While assisting in the moving of a heavy object he strained his back.

Frank Ball has rented a room on the second floor at 31 East Third street and will try his hand at making wire designs for the trade. We wish him his full share of success.

E. Fulle, of Richmond, Ind., was a caller. He has been shipping some fine yellow and white Eaton. C. J. OHMER.

ST. LOUIS.

The Market.

Thanksgiving day and all of the week trade was reported good by some; others say it was not so good as they expected. Still, as a whole it can safely be reported about the same as last year. The weather was just right for the retail trade. Some of the shippers to this market resorted to the same old trick of pickling stock, but these were set aside for the last sales of the day and did not bring much. Some growers will never learn to ship stock as they have it at this time of the year, as prices were good all during the week.

Stock at the wholesale houses is plentiful in all grades. Chrysanthemums are nearly at an end, and only a few of the late varieties are coming in. The demand for them at Thanksgiving was large, but since then it has fallen off considerably. The supply in roses is heavy in the first and second grades. Extra fancy always are in demand, and these are limited. The same may be said of Beauties. Carnations are in heavy demand, and fine quality of stock is coming in. Enchantress and Craig are fine; so are Boston Market and Lady Bountiful. Lawsons come brittle and with short stems. California violets were up to $1.50 per hundred last week, but are down to half of that price this week. Romans and Paper Whites are as yet scarce. Some good stevia is obtainable, also extra fine lily of the valley. Common ferns are up to 20 cents per hundred. Other greens same as usual. Holly and green have made their appearance in the market, with price on green away up. Downtown business houses have started to decorate their fronts.

The plant trade is reported good and some fine blooming stock is shown by the up-town florists. Schray, Beyer, Sanders, Jablonsky, Bentzen and others are well stocked up.

Various Notes.

Martin Reukauf, who represents H. Bayersdorfer & Co., Philadelphia, is here this week.

Carew Sanders, who has been ill, is much improved of late and will soon be visiting his old friends.

The officers of the Florists' Club held another well attended meeting on November 27 and perfected plans to raise the big flower show fund. Frank A. Weber will make a full report at the next club meeting.

Miss M. S. Newman had a fine Thanksgiving trade. Her window was prettily decorated with extra fine chrysanthemum blooms.

Frank A. Weber, of H. J. Weber & Son's Nursery Co., will leave this week for an eastern business trip, but expects to be back in time for the club meeting.

George Waldbart had a busy time of it and reports the Thanksgiving business better than last year. Everything sold well.

William C. Smith & Co., our new wholesale firm, report a fine trade their first week in business, their specialty being extra fine California violets.

HEADQUARTERS FOR STAPLES AND NOVELTIES IN

RIBBONS AND SUPPLIES

FOR CHRISTMAS

Heavy crops of Roses and Carnations just coming on. Quality excellent.
Fancy New York Violets. Let us have your orders.

BEAUTIES, long .....$3.00 to $5.00 per doz.
BEAUTIES, medium.....$1.50 to $2.50 per doz.
BEAUTIES, short.....75c to $1.25 per doz.
ROSES ..... $3.00 to $8.00 per 100
MUMS .....75c to $3.00 per doz.
VIOLETS.....$1.00 to $1.50 per 100

CARNATIONS .....$2.00 to $4.00 per 100
FERNS.....$1.50 per 1000
BOXWOOD.....35c bunch; $7.50 per 50-lb. case
Winterberries $3.00 per case; extra fancy, order now
PAPER WHITES .....$3.00 per 100
ROMANS .....$3.00 per 100

Established 1978—Incorporated 1906

E. H. HUNT, 76-78 Wabash Avenue, CHICAGO

Mention The Review when you write.

WILD SMILAX

NOW ON HAND and will be in continuous supply the rest of the season. **Large cases, $5.00;** small cases (Parlor Brand), $3.00. Fine stock.

MUMS, All Sizes

CARNATIONS, getting much better. Medium, $2.00 to $2.50 per 100; fancy, $3.00 to $5.00 per 100.

Kennicott Bros. Co.

WHOLESALE CUT FLOWERS

40-42-44 Randolph St. CHICAGO

CURRENT PRICE LIST

	Per doz.
American Beauties	
Long	$5.00 to $6.00
Select	3.50 to 4.00
Short to Medium	2.00 to 3.00
	Per 100
Kaiserin	$4.00 to $7.00
Bride, Bridesmaid	4.00 to 7.00
Richmond, Liberty	5.00 to 10.00
Chatenay	4.00 to 7.00
Gate	4.00 to 7.00
Mums.....doz., $1.25 to $3.00	
Harrisii.....doz., $2.50	20.00
Violets	1.00 to 1.50
Valley	2.00 to 5.00
Asparagus.....per string	.35 to .50
Sprengeri.....per 100,	2.00 to 4.00
Galax, green.....per 1000,	1.25
" bronze .....per 1000,	1.50
Boxwood.....per bunch,	.35
Leucothoe.....per 100,	.75
Ferns, per 1000, $1.50-$2; 100,	.20
Adiantum.....per 100,	.75 to 1.00
Smilax.....per doz.	1.50 to 2.00

Subject to change without notice.
Packing and delivery at cost.

Mention The Review when you write.

Louis A. Giger has left the employ of Mrs. M. M. Ayers. It has been rumored that he will go back east.

R. A. McPheron, of Litchfield, Ill., was a visitor Sunday.

The Bentzen Floral Co. has a lot of Begonia Gloire de Lorraine in fine bloom for the local trade.

Ed Gerlach, at C. A. Kuehn's, reports a good shipping trade for Thanksgiving. This house is receiving a great lot of carnations and roses.

Edwin Denker, of St. Charles, Mo., was in town Saturday and reports fine Thanksgiving trade and a good general business.

George Angermueller reports a good rush of fancy long Beauties for Thanksgiving trade. Smaller roses were plentiful. Only the fancy grades sold clean.

Fred H. Weber, on Boyle avenue, did a large business in cut stock of all kinds, also a number of decorations, last week. He was kept busy all Thanksgiving day.

Henry G. Berning had extra mums, roses and carnations, also a fine lot of California violets, and all hands were kept busy Thanksgiving day.

The members of the St. Louis Florists' Club should not forget that the most important meeting of the year will take place Thursday afternoon, December 13. This will also be the last meeting in the old hall. The trustees will make known the new location. Two important discussions will take place and the flower show committee will make a report. President Irish expects a full attendance.

J. J. B.

INDIANAPOLIS.

Thanksgiving proved a good day for the florists of this city. There was a good demand for flowers and prices were satisfactory; of course the chrysanthemum was easily first and nearly all were taken.

From present reports the trade in decorating greens this Christmas will exceed all other years. The Bash Seed Co., the Vale Seed Co. and Huntington & Page, seedsmen, besides the florists, who always handle greens, are laying in large stocks to fill orders. The Bash Seed Co. had a lot of fine holly for Thanksgiving that sold well.

E. A. Nelson has a nice bench of poinsettias that will be just right for the holidays. He also has a good pink sport of Enchantress.

The different florists who have stands in the Tomlinson market will shortly have to move, as the building is to be remodeled. They will be back again in a few months in much better quarters.

S.

NEW LONDON, WIS.—E. N. Olson has a well established greenhouse and reports business good. He has a bench of Brides and Maids that are scarcely to be equaled. His entire plant is up-to-date and the outlook is excellent.

TOLEDO, O.—John Barrows has ordered a new, up-to-date wagon with rubber tires. It will be maroon and pea-green, trimmed black and fine striped in scarlet. He has a fine bench of poinsettias, some of which are six feet tall.

POINSETTIAS Long Stem, Good Flowers $25.00 to $40.00 per 100

WHITE VIOLETS $2.00 per 100

BOUVARDIA, SWEET PEAS, CYPRIPEDIUMS

BEAUTIES, RICHMOND, LIBERTY.

HOLLY, $4.50 per case. BOXWOOD, $15 per 100 lbs.

NEW BRONZE GALAX, WILD SMILAX, $3.50 and $5.00 a case.

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The week past has been a most satisfactory one. Thanksgiving saw a general clean-up in all kinds of choice stock. The Army-Navy football game on Saturday made a great demand for violets and yellow chrysanthemums. The first german, in Baltimore on Monday, helped the wholesalers, creating a great demand for Beauties and other choice roses. Roses of all kinds have advanced in price, the best Brides and Maids bringing $12 per hundred and a few selects $15. Richmond was in especially good demand, also Beauties, the market cleaning up nicely on this latter stock. Anything good in carnations sold on sight, especially the colored varieties. Stevia has arrived, and makes a nice addition to the list. A great number of cattleyas have been used and are fine just now. There are still some good chrysanthemums coming in white Eaton, white and yellow Jones and some fine Jeanne Nonin, of which the Robert Craig Co. is still cutting quite a number. Some small bunch Ivory are arriving and find ready sale for the cheaper grades of work. A few of the new Gov. Herrick violets grown by Mrs. Smith, of Secane, are arriving, and demand a good price. Commission-men are all congratulating themselves on the nice move-off of chrysanthemums the latter part of the week. It was thought that there would be a few too many, but everything cleaned up in fine shape.

Various Notes.

It is thought the exceptional shortage in Beauties and other roses at this time is due to the fact that every year the growers aim to get their main crop at Christmas.

J. W. Young has so far recovered that he is able to be about the greenhouse.

H. Bayersdorfer & Co. report the following visitors this week: Miss Ritter, of Fitchburg, Mass., and George Seidel, of Hazelton, Pa.

The Lord & Burnham Co. has the contract for three houses 20x150 for George Burton, of Wyndmoor, Pa.; also for one house for Mrs. R. Smith, of Secane, Pa., truss construction, 18x50, for propagating.

W. E. McKissick's stock of chrysanthemums last week was so large that it required an annex to hold the surplus, but he reports a general clean-up.

H. Bayersdorfer & Co. report a heavy shipment of Christmas bells and other holiday goods arriving on various steamers this week.

December 3 was the first meeting of the Monday Evening Dancing Class. There were also quite a number of teas during the week, which used up quite a nice lot of choice stock.

M. Rice & Co. will receive this week duplicate shipments of their Christmas novelties, consisting of mats, baskets, etc., which will arrive on the steamer Pallanza.

P. J. Lynch, the able and popular secretary and treasurer of the Dingee & Conard Co., entertained the members of the Florists' Club on Tuesday evening with an account of his trip west and the advancement in horticulture in that section of the country.

Mrs. Sarah I. Smith, of Secane, has an exceptionally fine lot of carnations now in full crop. Joost, Boston Market and Enchantress are the varieties grown. Her three houses of violets are perfect, a sight worth seeing.

George Burton's roses will be heard from during the next two weeks.

Edward Neville has resigned the presidency of the Germantown Horticultural Society, which he has held with credit for nine years.

The Dingee & Conard Co. have their new range of glass filled with young roses in pots in good growing condition.

Edward Towell, of Roslyn, should cut heavily from his roses at the holidays.

THE Florists' Supply House of America

CHRISTMAS OFFER

Immortelle Wreaths, in variety.

Statice Wreaths, with California red berries; very choice.

Ruscus Wreaths, like Smilax; a popular favorite.

Christmas Bells, all sizes; a fine stock.

Waterproof Crepe and Plaited Crepe Paper.

All the Novel and Staple Supplies.

Our catalogue is free.

H. BAYERSDORFER & CO.

Note Our New Number

1129 ARCH ST., PHILADELPHIA

Mention The Review when you write.

Christmas Specialties

Case Holly

Well berried, best stock in the market gathered by our special agents in Delaware and Maryland. $4.50 per case; special rates on large quantities.

Holly Wreathes

Good selection of well made, well berried stock. $15.00 per 100.

Laurel Wreathing

Made extra heavy, glossy and fresh, 4½c and 5c per yard.

Mistletoe

Home-grown; best we have ever handled. $7.50 and $10.00 per case.

Boxwood Sprays

More popular than ever; indispensable to every florist. 50-lb. case, 15c per lb.

Winterberry

$3.50 and $5.00 per case.

Red Ribbon

Specially designed for our select and exclusive trade. The finest low priced ribbon on the market. Samples and prices on request.

Christmas Plants

Hollies, Aucubas, Farleyense, Imported Evergreens, Pyramid Box Trees. Write for our special list.

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

REMOVAL NOTICE

H. BAYERSDORFER & CO.

PHILADELPHIA, PA.

THE Florists' Supply House of America

beg to announce to their patrons and the trade their removal into new, spacious and up-to-date quarters occupying the entire building at

1129 ARCH STREET,

where with most modern facilities and increased working force, they will endeavor to still further improve their already well established record for promptness and reliability. When in Philadelphia stop in. Make the new centrally located store your headquarters. Always welcome.

Mention The Review when you write.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

57—Will cut flowers be plentiful in the Philadelphia market this season?

I have not been able to get about much this fall. I believe that while the production will be greater than ever before, it will not be as great as the glass added last summer would lead one to expect. I think that until Lent the demand will fully equal and at times exceed the supply. PHIL.

MINNETONKA BEACH, MINN.—Wm. Giebels is building a house 20x100 for bedding plants.

MALTA, O.—W. C. Scovell reports Thanksgiving trade unusually good. He has also been successful with his mums.

NEW YORK.

The Market.

At last, winter's icy breath and seasonable weather. December came in like a lion. Sunday was colder still. Accustomed as we are to a temperate condition, the eager and nipping air sought the marrow of our bones. On Monday came down the first snow of the winter, melting as it fell. Then at night the mercury sank again and the long fight with the coal trust and Boreas has begun. Fortunately Christmas is knocking at the door and Easter is only three short months away.

Everybody is beginning preparations for the holidays. The Christmas trees are on the way. Carloads of them will be here before the week is over. Holly is coming from the south in unbounded quantity and the green goods and evergreen roping manufacturers are working night and day. Supply men are shipping immensely all over the country. Bells are in demand, of every size and kind. Novelties are many. Retail windows already indicate many surprises in unique vase, box and basket. The days of the commonplace are gone. This is too fast an age for relics. The call for the novel and beautiful is everywhere.

Thanksgiving caused hardly a ripple in the market, so abundant were the chrysanthemums and so slightly is the holiday observed with floral decorations. Prices held steady and many of the retailers seemed pleased with the extra business. But it was only the natural increase that comes always with the nearness of the Christmas festival.

Beauties easily commanded steady values, $60 per hundred being about the top. They hold there now and probably will remain steady. Brides and Maids are on their way to better figures. Good stock is worth $10 per hundred this week. All roses feel the influence of demand and the effect of light receipts. The promise for Christmas is an abundance that will make abnormal prices impossible.

Carnations now are grand in size and quality and the great novelties are again abundant. Some of them readily bring $8 to $10 per hundred. The supply is up to expectations and there seems to be no decrease in their popularity. Violets are more abundant and $1 seems to be considered top. There will evidently be enough and to spare. The same cannot be said of orchids. A fair tip as to the Christmas supply would easily be to book your orders early. McManus already has his quiver full of them. The mums have evidently decided to stay for

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



Headquarters

I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. **TRY ME.**

WEEKLY PRICE LIST

	Per doz.
ORCHIDS, a specialty.	
Cattleyas	$6.00 to $7.50
Dendrobium Formosum.	5.00 to 6.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy..	5.00 to 6.00
24 to 36-inch stems	3.00 to 4.00
15 to 24-inch stems	2.00 to 2.50
8 to 12-inch stems	1.00 to 1.50
	Per 100
Bride, Maid, Perle, Sunrise	$5.00 to $8.00
Chatenay, Gate, Kaiserin..	5.00 to 8.00
Liberty, Richmond	5.00 to 10.00
Roses, my selection	4.00
Carnations, large fancy...	4.00 to 5.00
Medium, good stock	2.00 to 3.00
Valley	3.00 to 4.00
" special	5.00
Chrysanthemums, fancy..	25.00
" good	15.00 to 20.00
Violets, double	1.00 to 1.50
" single	.75 to 1.00
Mignonette	4.00 to 6.00
Harrisii and Callas	15.00 to 20.00
Smilax strings....per doz.,	1.50
Asparagus Strings...each,	.40 to .50
Asp. Plu., Sprengeri, bunch,	.25 to .50
Adiantum.....per 100,	1.00 to 1.50
Ferns, Common...per 1000,	1.50
Galax, Green..... "	1.00
" Bronze .... "	1.50
Leucothoe Sprays per 100	.75
Wild Smilax, case, $3.00, $4.00, $5.00, $6.00	

SUBJECT TO MARKET CHANGE

Mention The Review when you write.

A. L. RANDALL CO.

WHOLESALE CUT FLOWERS

Well Selected Stock---Reasonable Prices---Fair Treatment

Florists' Supplies .·. A Complete Line

Send for one of our $5.00 to $25.00 collections of Basket Novelties for Christmas trade.
We want to fill your order for Christmas—both Staples and Novelties. If you cannot come and make selection from our large, well chosen stock, send for our new, FULLY ILLUSTRATED CATALOGUE. It is free.

19-21 Randolph Street, CHICAGO

the holidays. Every wholesaler is receiving a daily supply. I saw 700 Bonnaffons leaving Ford Bros. at 6 o'clock Monday evening to fill a single order.

Various Notes.

Next year we are to have a flower show worthy of New York, whether it will be the New York Club or the American Institute that fathers it. Depend upon it, the triumphs of the west in this line, at Kansas City and Chicago, have not passed unheeded. Take warning now of the good intentions of the east, even if the path to the proverbial Hades may be paved with them.

P. O'Mara will give a lecture on "Sports" before the Horticultural Society of New York at the American Institute Wednesday afternoon, December 12.

Dean & Co. have a fine range of houses at Little Silver, N. J., all modern and 350 feet in length, covering a total of 50,000 square feet and all devoted to Bride and Maid roses, sometimes sending to the New York market 10,000 in a day. The entire output is handled by Traendly & Schenck. The stock is in splendid condition. The firm has been established nine years. Mr. Dean is a brother-in-law of Frank McMahon, of Seabright, N. J.

It is about time for the annual turkey contest of the Flatbush Bowling Club, an event of no small moment with this perpetual brotherhood. Every Thursday evening the lover of good-cheer and healthful exercise finds here a cordial welcome.

Next Monday night, December 10, the New York Florists' Club will bid farewell to 1906. It has been a prosperous year with this strenuous organization. Many new members have been added and great interest in the monthly exhibitions and discussions displayed, the November meeting being the banner night of all. So keen is the interest in the election of new officers for 1907 that it is hardly necessary to suggest a crowd for Monday.

Visitors last Saturday were E. J. Fancourt, of the Pennock-Meehan Co., and John Westcott, president-elect of the S. A. F., of Philadelphia.

The wholesale employees have a neat announcement card in all the stores. The second annual ball takes place on Saturday, January 5, at the Manhattan Casino. The Twenty-second Regiment band has been secured. A big crowd is assured. The officers are Nick C. Schreiner, president; Charles Matthews, vice-president; John Foley, treasurer; John Egenbrod, financial secretary; Arthur Wiese, recording secretary. Last year the boys proved their ability to carry through the project most successfully. They will do it again.

New York vs. Madison.

It was a reminder of old times—that bowling match last Saturday evening between the stalwart master gardeners of the rose city and the vigorous seedsmen of New York. It was the return match, for these nervy Madisons scalped the New Yorkers on their first meeting, and after sleeping for two weeks on their home alleys they came to the big city with proud stride and the fire of victory in their eyes. But the fires burned out and the stride changed to weariness before the night was over. It was a sad and solemn march to the station and bedraggled feathers on the head-pieces of the fallen braves. The rubber will be played at Madison.

New York has some fine players. Al Rickards, Protin and Chadwick all made fine averages, so did Keating and Duckham for the visitors. Good-fellowship was rampant, and Bobby Schultz, the irrepressible, was in his element. The "mule team" made melody and Totty and his companions had some glowing stories to tell of the mines and mountains of Colorado. A fine lunch was served. The score follows:

Madison.	1st	2d	3d	T'l
Herrington	156	166	137	459
Totty	109	121	109	339
Schultz	94	165	124	383
Keating	223	148	145	516
Duckham	189	219	181	589
Totals	771	819	696	2286

New York.	1st	2d	3d	T'l
Al Rickards	141	205	180	526
Will Rickards	112	141	164	417
Wheeler	146	131	86	363
Protin	182	161	167	510
Chadwick	169	193	189	551
Totals	750	831	786	2367

PITTSBURG CUT FLOWER CO. Ltd.

HEADQUARTERS FOR

Pennsylvania Fancy Green Sheet Moss,

BOXWOOD and MISTLETOE

222 Oliver Ave., PITTSBURG, PA.

Mention The Review when you write.

Some of the spectators had a little match of their own, as follows:

Dowd	158	135	Wilson	138	111
Fenrich	189	189	Burnett	85	...
Shaw	130	156	Adam	90	...

The match took place at the Rankin alleys, 37 Park Row, opposite the post-office, and arrangements were made by the New Yorkers for a permanent organization, with Saturdays for the bowling night until further notice. Ten names were at once enrolled, and a membership of twenty is assured. With Wheeler as president, Chadwick, secretary, and Will Rickards, treasurer, the club's success and permanency may be depended on. All who desire to join are requested to be present at 7:30 next Saturday evening. The locality is convenient for all. J. AUSTIN SHAW.

AN ACTIVE NEW-YORKER.

One of the younger members of the wholesale fraternity in New York is Alexander J. Guttman. He has brought to the business an indefatigable energy and a liking for the work, which goes a long way toward successful effort. He has not confined himself solely to the wholesale cut flower business, but in partnership with Charles Weber, a well-known Long Island grower, distributed Victory carnations last season so successfully that Mr. Guttman has now entered into an arrangement with John E. Haines, of Bethlehem, Pa., for the dissemination of the latter's two new sorts of this season, Imperial and Pink Imperial. Mr. Guttman is one of the nominees for the secretaryship of the New York Florists' Club, the election to be held next Monday evening. He has ever since his connection with the trade taken a prominent part in all organized effort for the advancement of trade interests and has been a wide traveler, attending all the principal flower shows and trade conventions throughout the United States.

RED WING, MINN.—George Humphrey's store was destroyed by fire, along with several other places of business, November 27.

MILWAUKEE, WIS.—The Loveland Floral Co. has been incorporated by John Krueger, Carl Carlquist and C. F. G. Wegner. The capital stock is $1,500.

BOSTON.

The Market.

Thanksgiving trade was most satisfactory, everything cleaning out well. Chrysanthemums, as was to be expected, were abundant and made but little advance in price. The highest price we heard of on these was $6 per dozen. Roses and carnations were both rather scarce and brought somewhat higher prices, especially the bright-colored sorts. Of violets there was a splendid supply, the singles being in best demand, but all sold out. Scarlet bouvardia sold well and poinsettias made their initial appearance. Other flowers were not especially plentiful.



Alexander J. Guttman.

Since Thanksgiving prices have ruled firm, some of the better grades of tea roses making $2 per dozen. Carnations are also higher, while violets keep up to the dollar mark, some going higher. Mignonette of good quality is coming in, selling from $3 to $8 per hundred. There is a good supply of Paper Whites and a few Roman hyacinths are appearing. Callas and Easter lilies are both rather scarce. No change in quotations on green stock.

Poinsettias and Lorraine begonias in pans are appearing in quantity, also azaleas, cyclamens, ardisias and other seasonable pot plants. The colder weather we are now experiencing will, however, check the sale of both these and cut flowers.

Boston vs. Chicago.

A paragraph in a recent issue of the REVIEW gave Chicago credit for having more train arrivals and departures than any other city in the world. There are several cities which surpass Chicago in this respect, one of these being Boston. Boston's great South Terminal station, the biggest on the American continent, has 848 arrivals and departures of passenger trains daily. The North Union station has 602. The freight trains at the two stations number 174 daily, a grand total of 1,622, or eighty-five more than Chicago. The Boston, Revere Beach & Lynn R. R. has a ten-minute service which would add 100 more to Boston's credit.

We admit Chicago's greatness in many ways, but she must continue to play second fiddle to Boston in train statistics for some time. It must be remembered that within fifty miles of Boston resides a population of over 3,200,000, which is several hundred thousand more than Chicago has within a similar radius.

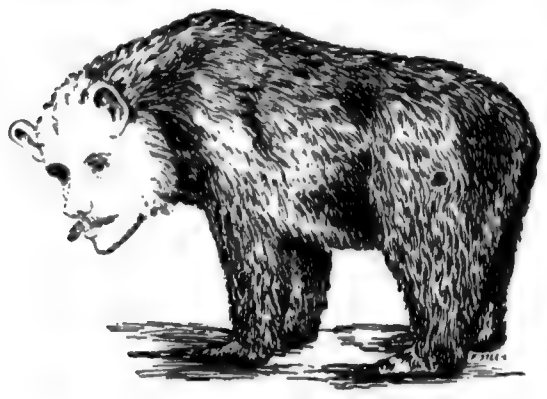
Various Notes.

A school garden conference will be held at Horticultural hall on December 15, with addresses by a number of prominent workers.

At the next meeting of the Gardeners' and Florists' Club, on December 18, W. H. Wyman, of the Bay State Nurseries, will speak on "Craft and the Craftsman."

Welch Bros. had a splendid Thanksgiving trade. H. M. Robinson & Co. also had a first-class turn-over in flowers for their first year.

Newtonville Greenhouses and W. H. Elliott have, as usual, a fine lot of



The Bear Season.

We Are Always Out

Looking for more business, whether it is **Red Pots, Flower and Design Boxes, Wire Work, Palms and Ferns, Florists' Supplies, Bulbs, Ribbons, Practical Novelties, Fertilizers and Insecticides. Send the order to . . . .**

POLLWORTH MILWAUKEE

We Can Bear It.

SPECIALISTS IN ALL FLORISTS' SPECIALTIES.

Mention The Review when you write.

Safrano and Niphetos roses. These old sorts still sell well.

John McFarland has a fine house of poinsettias for Christmas. He is also producing some excellent lily of the valley.

The first real cold wave of the season struck us during the night of December 1, the temperature at 10 p. m. being 32 degrees, at 7 o'clock next morning nearly zero, with a forty-knot breeze blowing. Snow followed on December 3.

W. N. Craig.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Dec. 5.—Cucumbers, $1 to $1.50 doz.; leaf lettuce, 40c to 50c case; radishes, 25c to 35c dozen bunches.

New York, Dec. 4.—The supplies of southern vegetables are large and poor stock is slow sale. Fancy greenhouse vegetables go promptly. Cucumbers, No. 1, $1 to $1.25 doz.; No. 2, $2 to $4 box; Boston lettuce, $1 to $1.50 per strap; mushrooms, white, 60c to $1.25 lb.; brown, 50c to 60c lb.; radishes, $1.50 to $2 per 100 bunches; tomatoes, 10c to 25c lb.

Boston, Dec. 3.—Cucumbers, $1.50 to $9 box; radishes, $1 to $1.50 box; lettuce, 25c to 50c box; mint, 50c doz.; tomatoes, 25c lb.; mushrooms, 75c to $1 lb.

TOMATOES.

Training and Pinching.

It is generally conceded that the single-stem system is the most practicable for the commercial grower, the plants being set from twelve to fourteen inches apart, according to variety and width of bench. One stake only is necessary for each plant, but this should be a strong one and should have the support of at least one wire; if two, all the better. Where one only is used it should be near the top of the stakes to which these should be firmly attached. Another wire about half way up the stakes will help to stiffen and strengthen the whole thing.

The plants should be supported as soon as planted by being loosely tied to the stakes. Loosely means that the string is tied so as to allow for the swelling of the stem; otherwise it will become girdled as growth proceeds. To make sure that the string will stay in place it should be wrapped around the stake first, then around the stake and stem together and securely tied. Raffia is the best and cheapest material to use. As growth proceeds tying should be frequently attended to, as the points will draw over to the light and become bent if tying is too long delayed.

All the pinching that is necessary is to keep all side growths taken out as they appear, and after the plants have reached the top of the stakes to pinch out the points and stop their skyward journey. We also find that quite frequently growths appear on the ends or the bunches of fruit, especially when the plants are growing strong. As these are a decided detriment to the development of the fruit, they should be pinched out as they appear.

We sometimes have found it necessary to cut away part of the leaves of some varieties to admit the light and prevent crowding, but as a rule varieties that make such heavy foliage as to make this necessary are not the most profitable ones to grow. Though they are generally the producers of the heaviest fruit they will not produce so much weight or fruit per plant as some of the less rampant growers.

W. S. Croydon.

CUCUMBERS.

Pollination.

The cucumber, like the other members of the gourd family to which it belongs, bears two kinds of blossoms on widely separate parts of the plant. The staminate or non-fruit-bearing flower, is the first to appear and is in general borne near the base of the plant. The pistillate blossom with the embryo cucumber at its base appears later and is borne near the extremity of the newly forming and rapidly growing shoots. Since these flowers are normally produced in this way, it is necessary that a transfer of pollen be made from the staminate to the pistillate flowers through the agency of insects or by other artificial means, says L. C. Corbett, in a recent bulletin of the U. S. Department of Agriculture.

Under greenhouse conditions and at the time of year that the cucumber is forced it is necessary to provide for pollination. In small establishments this work can be done by hand. The staminate blossoms are removed, the petals turned back so as to allow the anthers to project, and the pencil thus produced is then thrust into the cup of the pistillate flower in such a way as to distribute pollen upon the stigma of the pistillate flower. In large establishments where hand pollination is out of the question a colony of honey bees frequently is placed in each house to accomplish the work.

There is no getting along without the Review.—J. J. Miller, Peoria, Ill.

Our Holiday Decorative Material

PRICE LIST

is ready for mailing and free for the asking. If you are in the market for **Christmas Bells, Artificial Poinsettias, Evergreen Wreathing, Fancy Holly, Etc.,** it will be profitable for you to get a copy.

HEADQUARTERS FOR

All Cut Flowers in Season

Inside Chicago Market Prices.

E. F. WINTERSON CO., 45-47-49 Wabash Ave., CHICAGO

Mention The Review when you write.

You Know We Moved to 125 North 10th Street

in our large building. We can supply you with all Christmas goods, such as

Cycas, Magnolia Wreaths, Bells, Immortelles

Etc. Keep your "I" on the Enterprising Florists' Supply House of

J. STERN & CO., 125 N. 10th St., Philadelphia, Pa.

Mention The Review when you write.



CURRENT PRICES OF

WIETOR BROS.

51 Wabash Ave., Chicago

AMERICAN BEAUTY	Per doz.
Extra long stems	$5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	1.50
12-inch stems	$1.00 to 1.25
Short stems	.75

LONG STEMS	Per 100
Bride, fancy	$6.00 to $8.00
" good	4.00 to 5.00
Bridesmaid, fancy	6.00 to 8.00
" good	4.00 to 5.00
Liberty, Richmond, fancy	8.00

LONG STEMS	Per 100
Liberty, Richmond, good	$4.00 to $6.00
Chatenay, Uncle John, f'cy	6.00 to 8.00
" " " good	4.00 to 5.00
CARNATIONS, fancy	4.00
" good	3.00

All other stock at lowest market rates. No charge for packing.
Prices subject to change without notice.

Mention The Review when you write.

BEST ROSES

First on 100 Maid,
First on 100 Killarney,
Second on 100 Bride.

Three Entries in the classes for 100's at Chicago, where quality of all exhibits was high and **Three Awards**

CURRENT PRICE LIST

AMERICAN BEAUTIES—	Per doz.
Specials	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.25

ROSES—	Per 100
Maids and Brides	$5.00 to $ 8.00
Maids and Brides, specials	10.00
Liberty	5.00 to 10.00
Richmond	5.00 to 10.00
Killarney	5.00 to 10.00
Chatenay	5.00 to 8.00
Uncle John	5.00 to 8.00

Carnations	per 100,	$3.00 to $ 5.00
Valley	per 100,	3.00 to 5.00
Violets	"	1.00 to 1.50
Callas	"	18.00
Longiflorum	"	18.00
Paper Whites, Romans	"	3.00 to 4.00
Asparagus	per string,	.35 to .50
Smilax	"	.15
Common Ferns	per 1000,	1.50

THE BENTHEY-COATSWORTH CO. 35 Randolph St., CHICAGO

TEMPERATURE FOR ASPARAGUS.

What temperature ought Asparagus plumosus be kept in to keep it green and growing? E. L.

Asparagus plumosus does well in a night temperature of 60 degrees. If the foliage is losing color it is not on account of too high or too low a temperature. It is pretty sure the cause is that the asparagus is not planted in a solid bed. It hates to have its roots separated from Mother Earth by boards at the bottom of the bench. W. S.

TROUBLE WITH POINSETTIAS.

Kindly give me some information about the treatment of poinsettias. I have grown them for two years. About the time they are commencing to show color the leaves commence to get yellow and drop off. I grow them in pots. Nice foliage until now. I keep them at 65 degrees at night and syringe every day. F. H.

We frequently hear of this trouble with these tropical plants. There are two definite causes for the leaves of poinsettias turning yellow and dropping. The first is too low a temperature. As you say you keep your house at 65 degrees, that is not the cause, because that temperature is abundantly high. You must seek for the other cause, which is exhaustion of the soil. The roots have no more to feed on and the foliage suffers.

The writer has had a good deal to say about these showy plants the last ten years. Having grown them in all sorts of shapes and sizes for thirty-five years, we think we know some of the troubles you are liable to stumble against. One, often alluded to in the pages of the REVIEW, is the fatal mistake of disturbing their roots after the middle of October. Such a slight disturbance of root as would be caused by a careful shift from a 4-inch to a 6-inch pot is disturbance enough to be fatal to the foliage. This has been demonstrated to us most vividly, to our great loss. That is why all shifting and making up of pans should be completed prior to the middle of October.

The poinsettia is a native of Mexico, and is truly tropical, but if its roots are healthy and vigorous it will endure a much lower temperature than is generally supposed. Now if you have not been shifting or disturbing the roots of your plants recently, then your case must be one of soil exhaustion. To shift them now would be out of the question, and all you can do is give them some weak liquid manure twice a week. This you can make by putting half a pint of fresh dairy or stable manure in a barrel with thirty-two gallons of water. Put the manure in a coarse sack and let it soak for twenty-four hours before using. This may impart some vigor to the roots and arrest the dropping of the leaves. It is all you can do. Once the roots of the poinsettia lose their vitality they rot quickly and are beyond help.

Unless you are trying to knock off mealy bug, which about now appears among the nectar cups at the base of the bract, there is no need of daily syringing. We don't syringe at all after the bracts begin to show color. It is just possible you are keeping the roots too wet. W. S.

GERANIUMS FOR MEMORIAL DAY.

What is the best time to put geranium cuttings in sand to have them in bloom for Decoration day in 3-inch and 4-inch pots. W. B.

The date of putting in geranium cuttings has less to do with the date of flowering than has their treatment. We put in our first cuttings at the end of September and all through October, not in the sand, but pot at once into 2-inch and 2½-inch pots. These, after a pinching in January, are sure to be in full flower at Decoration day. Cuttings from old plants lifted in October are usually in good order in January, and there is

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$6.00
24 to 30-inch stem	"	5.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Short stem	"	.75
Bride, Bridesmaid	per 100,	$4.00 to 8.00
Chatenay	"	4.00 to 8.00
Meteor	"	4.00 to 10.00
Carnations	"	3.00 to 5.00
Mums	"	6.00 to 20.00
Valley	"	3.00 to 4.00
Violets	"	1.00 to 1.50
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25;	per 100, .15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50	" .20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

no need of putting them in the sand. Pot them at once. Pot firmly and give them one good watering and place on a light bench. In three weeks they will be rooted and will make better plants than those from the sand.

These later propagated plants will need no pinching, but, shifted into their flowering pot in the end of March, should be in good flower at the end of May. The principal cause of geraniums running to leaf and being shy of flower is because they are potted too loosely, with too much manure or leaf-mold. Pot into a heavy loam with a 5-inch pot of bone flour to a bushel of the loam and pot firmly. W. S.

PYRETHRUMS FOR CUTTING.

Referring to my recent notes on pyrethrums, it may interest American readers to hear that this useful hardy herbaceous perennial is grown by market men in England by the acre for cut bloom for market, some growers having as many as five acres and one or two cultivating nearly ten acres each. Many growers and, in fact, all growers when first commencing their cultivation, make a failure the first year or two of planting out, through not planting at the proper time of the year. Some growers think they may be moved practically all the year around, while others only during the period from February to June, and one of our leading specialists continually advocates the months of August and September. But according to my own experience these two latter are the worst possible months of the whole twelve.

The Florists' Manual

We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."

South Bend, Ind., July 28, 1906. SOUTH BEND FLORAL CO.

THE REVISED EDITION IS NOW READY.

Price, $5.00 a copy, carriage charges prepaid.

FLORISTS' PUBLISHING CO., 334 Dearborn Street, CHICAGO

There is only one month pyrethrums may be successfully moved and that is April (at least, in England). The great essential point is that the clumps be taken up and divided just at a time when they are in their full spring growth, and in such weather they continue growing without the slightest check and commence to take root in their new quarters from the moment they are planted. At that time, and under such conditions only can the clumps be divided down to two eyes and ninety per cent be sure of living and making salable retail nursery clumps by the following spring. Of course, the bulk cultivated here are white varieties, the best being Carl Vogt, snow white; Aphrodite, ivory white; Sambamburg, white with yellowish center, and White Aster, white with blush center. All the four are double. B. J.

The Review is the pusher.—J. G. Angel, Neosho, Mo.

Girard, Kan.—Sourdry Bros. have just completed their new plant. It is 100 feet square, with 12,500 feet of glass. There are six houses, one 20x100 and five 16x100 feet each, but there are no partitions between these houses and all are really under one roof. The plant is heated by hot water and the firm will install a mechanical watering system. Their specialties will be lettuce, cut flowers and mixed plants.

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HARVEST OF DOLLARS



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Christmas Number

Will be Issued December 13

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FLORISTS' PUBLISHING CO. 520-545 Caxton Building, 334 DEARBORN STREET, **CHICAGO**

Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000 .....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1 00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100 .....50c Per 1000.....$1.50
Boxwood
Per lb..... ....20c Per bunch.....35c
Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00
Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist.
36 East Third St., CINCINNATI, OHIO
Mention The Review when you write.

HOLLY

Best Delaware Stock, dark green and well berried, delivered by freight, prepaid,

Single case.....$4.00
10 cases or more, per case..... 3.50

HOLLY WREATHS

Made from best dark green Delaware Holly, with four large clusters of bright red berries, per 100, $10.00.

Cash; Order early and will ship on any date desired.

H. AUSTIN, Felton, Del.

Mention The Review when you write.

BRILLIANT
GALAX AND LEUCOTHOE SPRAYS
Wholesale Trade Solicited
J. L. BANNER & CO., Montezuma, N. C.

..Wholesale Galax and Leucothoe..
Direct from the woods to the dealer.
Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy, 70c per 1000.
Special prices on lots of 100,000 and up.
Terms strictly cash, F. O. B. Elk Park, N. C.
F. W. Richards & Co., Banners Elk, N. C
Mention The Review when you write.

WAYSIDE NOTES.

Mark Aitken, Springfield, Mass., has a grand lot of cyclamens for Christmas. The rule now is to grow them to separate colors. The strain is Boddington's Special. The new store has proved a big drawing card and business is brisk.

William Schlatter & Son, Springfield, Mass., talk of taking a larger store, as business seems to demand it. They have a big stock at the greenhouses, grown by the senior member of the firm.

Louis Robinson is handling a quarter of a million of bulbs this season in his houses at Springfield, Mass. He says there is money in bulbs if handled right.

Frank Burfitt, who is located at Chicopee Falls, Mass., and is known as the "Broadway Florist," has a place which is up-to-date, and, though it is small, he makes every foot count.

At South Hadley Falls, Mass., Joseph Beach has added to his plant and reports increasing demand.

Field & Sinclair, of Holyoke, Mass., report a good demand for high grade stock, orchids being among their specialties.

H. W. Field, of Northampton, Mass., has a fine batch of late chrysanthemums. Merry Christmas, Maud Dean, Rieman and a pink Jerome Jones were noted. A fine seedling carnation, Lawson x Queen, was noticed, which is a brighter shade than Lawson, earlier, and a continuous bloomer, but not so late. A white from the same source is thought much of. Helen Goddard is popular, but Enchantress is grand. Prospector is a glowing scarlet. A sport from Maceo, a rich crimson, is considered an improvement on that variety. A house of primulas in 6-inch pots will be a bonanza for Christmas. Orchids are reported profitable. Lælias, cattleyas and cypripediums are in crop and bring good prices.

Fred E. Keyes, of Worcester, Mass., has taken over the business conducted by his father for many years, and will continue it under the old name.

H. W. Littlefield, of Worcester, is doing a good business at his main store, his branch store also proving a profitable venture.

C. D. Mackie, located on Pleasant



Extra fine new crop **FANCY FERNS** $1.25 per 1000.
Discount on large orders
GALAX Bronze and Green $1.25 per 1000.
Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.
MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 Broadway, DETROIT, MICH.
Mention The Review when you write.

MISTLETOE

The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale delivered prices to any express office in the U. S. or Canada.

F. C. BARKER & CO.
Las Cruces, New Mexico
Mention The Review when you write.

RED BERRIES

on branches, $2.00 per case and up.
Select Dagger or Fancy Ferns—$1.25 per 1000.
New Crop Best Bronze and Green Galax—$1.00 per 1000: $6.00 per 10,000.
Green Leucothoe Sprays—Extra select, 60c per 100; $5.00 per 1000.
Green Sheet Moss—$1.75 per bbl.
Very Best Wild Smilax—60 lb. case, $5.00.
Best Delaware Holly—$5.00 per case.
Cash, or satisfactory reference, from unknown parties.....
I **guarantee everything I sell** to be delivered in **satisfactory condition.**
E. H. HITCHCOCK, Esth. 1898 **Glenwood, Mich.**
Mention The Review when you write.



FERNS

Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and the

CHRISTMAS TREES
Can't be beat. Write for prices.
ROBERT GROVES, Adams, Mass.
Mention The Review when you write.

SOUTHERN WILD SMILAX
50-lb. cases, $5.00.
HOLLY, the prettiest I ever saw, heavily berried, 2x2x4 crate, $2.50. **MISTLETOE,** well berried, 20c per lb. **SABAL PALM LEAVES,** $2.00 per 100. Express rate low. Long Distance Phone, Postal and Western Union Tel. Lines. Cash with order or satisfactory references.
E. SANDERSON, Eutaw, Ala.
Mention The Review when you write.

PRICE LIST FOR
CHRISTMAS DECORATIONS
EVERGREEN WREATHING

NATURAL

Standard Grade	per coil,	$0.60
Light Weights	"	.50
Standard Grade, dyed	"	.60
Light Weights, dyed	"	.50

WREATHS

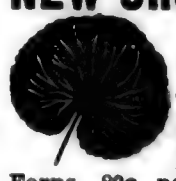
Holly, Fancy Delaware	doz.	1.10
Holly, Southern	"	1.00
Holly and Evergreen, mixed	"	1.00
Evergreen, plain	"	1.00
Evergreen with Immortelle flowers	"	1.10
Galax, green or bronze leaves	"	.90
Galax with Immortelle flowers	"	1.00
Magnolia Wreaths	"	1.00
Magnolia Wreaths with Immortelle	"	1.10
Delaware Holly	per crate, $4.00 to	4.50
Southern Holly	" 3.25 to	3.75
Mistletoe	per lb.	.20
Needle Pines	per doz.	1.50
Galax Leaves	per 1000,	1.00
California Pepper Boughs, beautiful for decoration and very fragrant,	crate,	4.50

Let us book your orders now, and you name date you want goods shipped. We manufacture all our stock, employing 100 hands.
H. WOODS CO., 127 S. Water St., Chicago
Mention The Review when you write.

GALAX LEAVES

New crop; fresh from the patch, prices as follows:
Bronze and Green Galax Leaves...$0.60 per 1000
Fancy and Dagger Ferns..... 1.00 per 1000
Green Leucothoe Sprays..... 3.00 per 1000
Bronze " " ..... 5.00 per 1000
Rhododendron Sprays..... 3.00 per 1000
Kalmia or Mountain Laurel..... 3.00 per 1000
Also **Rhododendron Plants** which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches, 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.
J. N. PRITCHARD, Elk Park, N. C.
Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.



All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.



RAY BROS., ELK PARK, N. C.
Mention The Review when you write.

Holly-Smilax-Xmas Box

of 60 lbs. Fancy Holly, Wild Smilax, Magnolia Sprays long gray moss, with 12 needle pines, extra, $3.00 cash, ½ cases, $1.75 each. **Fancy Well Berried Holly,** $2.50 per 65-lb. case. **Wild Smilax,** A-1 quality, $3.00 per 50-lb. case; 4 cases or more 15 per cent discount. The most elegant **Magnolia Sprays,** $3.00 per 50-lb. case; 4 cases or more, 15 per cent discount. **Long Needle Pines,** any length, 60c per doz.; $5.00 per 100. We rush them right on time. Low express rates.
Crescent Decorative Exchange, Garland, Ala.
Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

GALAX LEAVES
and Leucothoe Sprays

J. G. LOVEN, MONTEZUMA, N. C.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

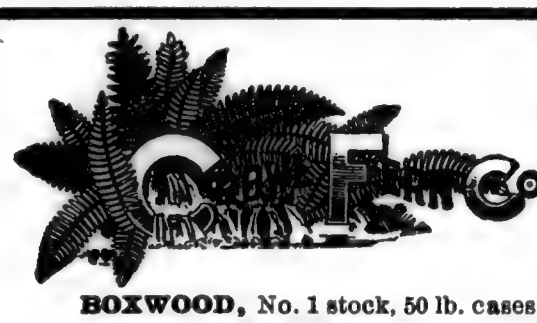
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HOLLY, MOSS, ETC.

Fancy Holly, in case, 2x2x4 ft., per case, $3.00.
Laurel Branches, in case, 2x2x4 ft., long stems for decorating, per case, $2.50.
Cedar Branches with Berries, 2x2x4 ft. per case, $3.00. **Green Sheet Moss,** in large thin pieces, per bbl., $1.25.
Can ship now. Cash from unknown parties. Write for circular and references.

W. Z. PURNELL, Snow Hill, Md.

Mention The Review when you write.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.
Send your orders for Laurel Festooning in now for Xmas, as later we may be unable to fill them.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.00 PER 1000.

ALSO DEALER IN

Christmas Trees, Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE,
Oldest, Largest and Most Reliable Dealer in the U. S.
HINSDALE, MASS.

Mention The Review when you write.



New Crop Dagger and Fancy Ferns, $1.25 per 1000

New Crop Bronze and Green Galax, very fine quality

$1.00 per 1000; 10,000 lots, $7.50.



SOUTHERN WILD SMILAX 50-lb. case, $7.00; 25-lb. case, 4.00.
BOUQUET GREEN ..... $7.00 per 100 lbs.
BOXWOOD ..... 20c per lb.
LEUCOTHOE SPRAYS ..... $1.00 per 100
LAUREL FESTOONING, good and full..5c and 6c per yd.

BRANCH LAUREL, 50c per bunch. LAUREL WREATHS, $3.00 per doz.
Headquarters for all Florists' Supplies, such as Wire Designs, Cut Wire, Letters of all Kinds, Immortelles, Cycas Leaves, Sheaves of Wheat, Ribbons, Boxes, folding and blue corrugated, etc.

HENRY M. ROBINSON & CO., 8-11 PROVINCE ST., BOSTON, MASS.

Mention The Review when you write.

street, in Worcester, Mass., says he never saw business better, and enjoyed his turkey after Thanksgiving.

H. F. A. Lange, of Worcester, Mass., has a pretty display in his store windows.

W. E. Doyle, of Cambridge, Mass., has a big stock for the holidays. Dan Murphy, his manager, is an adept at growing highly colored foliage plants. He makes up a fine combination of poinsettias and Cyrtomium falcatum, the Whitmani fern, etc. Much of his stock is made up in advance of the holiday trade.

R. W. Allen, Hudson, N. Y., has had big success with his stock and cut fine Lincoln mums for Thanksgiving.

MILWAUKEE.

The trade for Thanksgiving was about the same as last season. There was a heavy call for carnations and supply was equal to demand. Roses were somewhat off, crop and first-class shipping stock sold out clean at a good price. There were plenty of chrysanthemums to go around and all high grade blooms sold well, but inferior qualities moved slowly at low prices. Violets are not so plentiful, for apparently not so many are grown in this section as in former years; therefore the supply was limited. There were plenty of valley and stevia to meet all demands. Romans and Paper Whites also made their appearance and sold well. The demand for chrysanthemum plants was not up to former seasons. There were quite a number of plants grown in this vicinity and a number of growers are complaining on account of the light call for them.

LENOX, MASS.

The annual meeting of the Lenox Horticultural Society took place Saturday, December 1, President S. Carlquist in the chair. The following were unanimously elected officers for the ensuing year: F. Heeremans, president; W. Jack, vice-president; Robert Speirs, treasurer; George Foulsham, secretary; Joseph Tansey, assistant secretary. After the business had been dispatched refreshments were served, after which several of the members gave an exemplification of their vocal and instrumental abilities. Altogether a very enjoyable evening was spent. G. F.

Costs no more and where quality considered

WORTH MORE THAN DOUBLE

SILLIMAN'S

Every Sprig Berried Brand of Mistletoe

Low special rates. Special shipping cases. Write for prices.

A. B. SILLIMAN & CO., Home Office Boone, Iowa

Mention The Review when you write.

THE REVIEW is the florists' best paper.
—L. J. BROSEMER, Oswego, N. Y.

C. J. Lilley Co.
SEATTLE, WASH.
Growers Of
PUGET SOUND
CABBAGE SEED
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO,
Radish, Peas, Muskmelon,
Squash, Watermelon, Sweet Corn.
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

TEXAS rapidly is becoming the great trucking state of the Union.

THE Lamar Seed Co., Lamar, Colo., in addition to agricultural seeds, handles coal and ice.

THE arrival of German and French seeds is anxiously awaited. Many of the Italian shipments are in.

THE stockholders of the Thompson Seed Co., Albert Lea, Minn., have decided to continue the business.

IT is expected that there will be a serious shortage on many varieties of seed peas when the returns are all in.

ALL energies now are devoted to getting the general catalogues ready for the mails in season for the southern trade.

VISITED CHICAGO.—R. H. Shumway, Rockford, Ill.; T. H. Johns, of Sioux City Nursery & Seed Co., Sioux City, Ia.

ABOUT the only canned vegetable that is in abundant supply is sweet corn and the condition is reflected in the canners' call for seeds.

ONE of S. M. Isbell & Co.'s men, Fred Pierson, at Jackson, Mich., was hit by a falling bag of beans November 23 and laid up for several days.

THE slow delivery of beans from the growing stations is retarding seasonable shipments to the general trade and there is consequent general complaint.

J. W. RATCHIN, Shenandoah, Ia., has made a three weeks' trip to New Orleans and the South. He reports bright prospects for seed trade in that section.

No reports are yet at hand as to any shortage of beans. This is no proof that a shortage may not develop later on. The seed business keeps every one connected with it guessing except the congressman; he always makes a full

LEONARD SEED CO.
Leading Onion Set Growers
FLOWER SEEDS
SEED GROWERS
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CHICAGO

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

A. J. PIETERS SEED COMPANY
HOLLISTER, CAL.
Grower of
Vegetable and Flower Seeds
Special attention paid to SELECTED STOCKS:::::
A. J. PIETERS, President and Manager, will visit the trade December—January.
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

delivery; if he cannot send beans he substitutes squash.

VISITED COLUMBUS, O.—Alfred Emerich, representing Vilmorin-Andrieux & Co., Paris, France; Watson S. Woodruff, of S. D. Woodruff & Sons, Orange, Conn.

SEEDSMEN not already members of one of the trade organizations will be interested in the article on the seedsmen's collection and credit arrangements on another page of this issue.

A RECENT publication of the department of agriculture which will interest seedsmen is Farmers' Bulletin No. 266, "The Management of Soils to Conserve Moisture."

THE Washington Times states editorially that when the free seeds paragraph was inserted in the last agricultural appropriations bill it was with a tacit agreement that the appropriation be

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street,
San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive,
Leek, Mustard, Parsnip,
Parsley, Radish, Spinach,
Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco
Mention The Review when you write.

Seed Salesmen
Wanted by the
D. LANDRETH SEED COMPANY
BRISTOL, PA.
Two (2) experienced Commercial Travelers familiar with the Garden Seed trade in the Cotton States; engagement to commence Feb. 1.

dropped in the bill which must be passed during the session of congress which began Monday.

THE onion seed situation is up in the air. Many of the dealers are still expecting that the growers will still send on a little more seed. What they base their expectations on is hard to understand. There is a feeling, as there always is when a short crop is harvested, that many of the growers are holding

FOR DELIVERY IN FALL AND SPRING

ENGLISH MANETTI Stocks for Florists

Holland Roses, Rhododendrons, Hollies, Etc.

LILY OF THE VALLEY for Early and Late Forcing

French Fruit and Ornamental Stocks

Raffia from Stock and for Import

For catalogues, prices, etc., please apply to

H. Frank Darrow, Importer
Successor to Aug. Rhotert
26 Barclay St., P. O. Box 1250, New York
Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 8 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.
Mention The Review when you write.

OUR SPECIALTIES

High-Grade Grass Seeds

ALFALFA

Warranted free from dodder or any adulterations. Please write for prices and samples.

A. LE COQ & CO.

Darmstadt, Germany
Mention The Review when you write.

Choice Flower Seeds

The very finest strains of **Primula Sinensis, Herbaceous Calceolaria, etc.**, are grown and offered for sale by

H. B. MAY & SONS
UPPER EDMONTON, LONDON, ENGLAND
Price List on application.
Mention The Review when you write.

back for advanced prices. In a few cases there may be some truth in the statement that seed is held back, but the general confidence is that the large growers make bona fide pro rata deliveries.

THERE seems to be no indication that sweet corn, cucumber, squash or pumpkin will be short, but reports are that some of the muskmelons are not up to expectations.

THE Nebraska growers are sawing wood and saying little; the vine seeds generally have turned out equal to expectations, and sweet corn never had a better season.

FUNK BROS. SEED CO., Bloomington, Ill., whose specialty is seed corn, feed some of the product on their farm. A recent carload of their prime 1,545-pound steers sold to Armour at $7.30 per hundredweight.

PERENNIALS

The largest stock of **HARDY HERBACEOUS PLANTS** in all the best and newest varieties, for instance, 25,000 Gypsophila Paniculata Flore Pleno, 4000 Romneya Coulteri, 10,000 Campanula Persicifolia Moerheimi, 50,000 Phlox Decussata in variety, 25,000 Pyrethrums, etc.

DWARF ROSES on Canina in the best sorts, including the new **Hardy Rose "Nova Zembla"** (B. Ruys, 1906) and **Baby Rambler.**

Manetti Stocks, Sweet Briar Seedlings, New Currants, Gooseberries and Raspberries, Etc.

Nearly all sorts of Plants (even Pyrethrums) are exported most successfully to the United States. Write for illustrated Trade List.

B. RUYS, ROYAL MOERHEIM NURSERIES DEDEMSVAART, - HOLLAND
Mention The Review when you write.

Conrad Appel, Darmstadt, Germany
—Established 1789—

Forest and Agricultural Seed Establishment

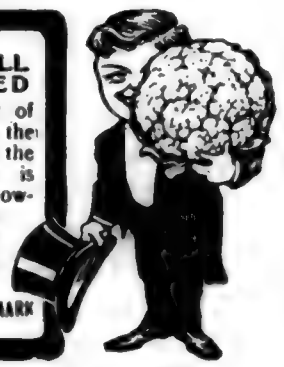
Specialties: GRASS, CLOVER and AGRICULTURAL FOREST TREE SEEDS of Highest Possible Purity and Growth.
GRASS SEED MIXTURES FOR LAWNS, MEADOWS AND PASTURES
Many Highest Awards and Diplomas.
Last Award: Grand Prize International Exhibition, Milan, 1906.
Mention The Review when you write.



A part of our Rhododendron Hybrid.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.
Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED
No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from
R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

TIMOTHY seed is firmer on the Chicago market, December selling at $4.37½; May, $4.50 bid and $4.60 asked. Clover seed is unchanged, cash lots ranging from $8.50 to $13.40.

REPORTS indicate the Michigan radish seed crop is not more than twenty-five per cent of what it should be. The majority of the growers have thrashed out their product and the cleaning out is a disappointment.

THE onion set growers are now out after seed for their next spring's needs and this seems to make matters worse instead of better when a dealer wishes to get at the actual value of the seed he is lucky enough to possess.

Established 1680. Cable address, Jacrolland Nimes
A. B. C. Code used.

JACQUES ROLLAND
Seed Grower and Merchant
NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.
Mention The Review when you write.

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

CAULIFLOWER SEED
CABBAGE
HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN
Mention The Review when you write.

THERE is considerable difference of opinion as to what several items should be worth this season, but the majority will in the end follow the lead of the principal mail order house.

A. HANSEN, the Copenhagen, Denmark, cauliflower seed grower, last season used an American (Skinner) system of irrigation on a part of his crop and this season will equip his whole farm with it.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

IMPORTS.

The imports of seeds through the port of New York for the week ending November 30 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Anise	35	$ 497	Fennel ..	18	$ 305
Caraway .	900	6,231	Fenng'k .	160	788
Car'm ..	20	588	Grass ...	414	10,646
Castor ...	1,366	6,570	Mustard .	525	4,782
Clover ...	460	11,310	Rape	19	62
Cor'der ..	305	1,022	Other ...	..	2,226
Cummin .	100	1,863			

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $30,099.

VALLEY PIPS ARRIVING.

A shipment of valley pips reached New York December 3 on the steamer Pretoria, from Hamburg. The total number of cases were 894, making 3,654 to date. The cases were consigned as follows:

	Cases.
Darrow, H. Frank	116
Maltus & Ware	186
Roehrs, J., Co.	125
Scheepers, J., & Co.	75
Stumpp & Walters Co.	150
Taat, W.	142
Yokohama Nursery Co.	100

EUROPEAN SEED NOTES.

The crops of red clover in England appear to be satisfactory. Especially does this apply to the south Lincolnshire cultures and some low prices for fine quality seeds are expected. It was asserted the other day, by a leading Lincolnshire seed grower, that there would be above the average yield of home-grown clover seed, so much so as to considerably affect the sale of foreign seeds; and more than one seed merchant who handles clover largely (one as much as sixty tons of red each year) said he expected to use nothing but English-grown seed during 1907.

There are at least two facts which tend to help make a success of clover cultures for seed in Lincolnshire. One is that dodder does not at all trouble the growers in that district. Why that is true I am not able to say, but I know that in all other districts it is the worst enemy of any clover crop. One of the largest clover growers in the Boston district stated that in his opinion the reason dodder is of no consequence is that the land in that district is in the highest state of cultivation and is the best possible soil to produce vigorous clover. The crop is able at an early stage of growth to completely choke the destructive weed. I have noticed, and also heard it asserted many times, that dodder is always the greatest trouble on sandy or chalky soils, in which case the absence of trouble in the district in question is easily explained, as a better all-round quality of soil is not to be found in all England than that in south Lincolnshire.

Another fact recently came to my notice in the clover trade while traveling in Lincolnshire. That was, contrary to the general experience, seed procured from the Chilian supplies, when grown in the district in question, produces finer seed than from seed procured from any other source. The crop of seed the first year is lighter in weight and not of such a good color. The second year it is equal to other supplies from other sources, and the third year is superior to that procured from any other district. Just why this is so does not seem to be fully understood among the local farmers, but probably it is again the result of being grown on soil best suited to its requirements. Certainly some samples which I recently inspected in the district, from Chilian supplies, were the finest I had ever seen.

While on the subject of clover it may be interesting to mention that, in this country at least, owing to the vastly improved cleaning machinery of our leading seed houses, clover samples are generally offered comparatively free from weed seeds. Some fifteen or eighteen different kinds of weed seeds were commonly found in samples of red clovers. All of these to the casual observer may appear identical to clover seed in size, shape and color, but on closer examination they will be found totally different in appearance and any grower, accus-

Clearing Sale SURPLUS BULBS



FOR POT CULTURE AND FORCING

	Per 100	Per 1000
25 bulbs at 100 rate. 250 at 1000 rate.		
Narcissus, Giant Princeps and double Incomparabilis, fine for forcing	$0.75	$6.00
Narcissus, Single Incomparabilis, Cynosure and Albus Stella	.60	4.50
Narcissus, Bicolor Grandee, large flower, similar to Empress	.90	8.00
Narcissus, Single Trumpets, choice mixed exceptional value	.60	4.50
Chinese Sacred Lilies, per basket, (30 bulbs), $1.25; per bale, (120 bulbs), $4 50.		
Narcissus, Double Von Sion, (double nose)	1 75	16.00
Narcissus Rugilobus, Primrose Perianth, large yellow trumpets	2.00	
Tulips, Single, Picopee or Maiden's Blush	1.25	10.00
White Roman Hyacinths, (French), 12–15 cm	2.25	21.00

Write for prices of Tulips, Peonies, Lily of the Valley, Begonias, Gloxinias, Fern Balls, etc.

JOHNSON SEED CO., 217 Market Street, PHILADELPHIA, PA.

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

XXXSEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large-flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Salvia Bonfire. Finest variety grown, 1000 seeds, 40c.

Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ½ pkt., 50c.

PRIMROSES

IMPROVED CHINESE. Finest grown, mixed, XXX, strong, 2-inch, $1.50 per 100.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

Wm. P. Craig

IMPORTER—EXPORTER

Plants, Bulbs and Seeds

1305 Filbert St.

Monogram Brand

Correspondence Solicited. **Philadelphia**

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DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. **ATCO, N. J.**

Mention The Review when you write.

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

Just arrived and are, as usual, the finest imported into this market no matter under what name.

SPIRAEA

Japonica, extra strong clumps	$3.50 per 100
Astilboides Floribunda	4.00 per 100
Compacta Multiflora	4.00 per 100
Gladstone	6.50 per 100

LILIUM LONGIFLORUM

	Per 1000	Per 100
6 to 8 inches	$27.00	$3.00
7 to 9 inches	45.00	5.00
Multiflorum, 6 to 8 inches	28.00	3.00
" 7 to 9 inches	50.00	5.50

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.

Rose Growers **WEST GROVE, PA.**

Mention The Review when you write.

Verbena Seed

Our strain of this important florists' flower is the very best obtainable. The colors are bright, the flowers are large; it is sown by the best Verbena specialists everywhere.

	Trade pkt.	Per oz.
Mammoth, Fancy White	30c	$1.50
" " Scarlet	30c	1.50
" " Striped	30c	1.50
" " Blue and Purple	30c	1.50
" " Pink	30c	1.50
" " Mixed	30c	1.50
Extra choice, mixed	25c	1.00

Vinca Seed

	Trade pkt.	Per oz.
Alba, White with rose center	20c	60c
Alba Pura, Pure White	20c	60c
Rosea, Pink	20c	60c
Mixed, all colors	15c	50c

WRITE TODAY on our own handy order sheet and price list combined.

Henry F. Michell Co.
1018 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

tomed to handling clover samples, will easily tell the difference. B. J.

PURE SEEDS.

E. Brown, botanist in charge of the government's seed testing laboratory at Washington, sends out the following:

"In reference to the effect of the work of this department in connection with the publication of the names and addresses of firms found to have offered for sale adulterated seed, together with the analyses of the samples found to be adulterated, I would say that this has had a very stimulating effect on the trade, if we are able to judge from the number of samples constantly being sent to the department by dealers for examination as to the presence of adulterants. This laboratory will be glad, so far as it is able, to make tests for purity and germination, and to examine any samples which may be submitted for the purpose of determining the presence of adulterants.

"One way in which farmers are able to get good quality of seeds is to inform the seedsmen at the time of asking for samples that both the sample and the seed when received will be sent to either the seed laboratory of the agricultural department or the state experiment station for examination.

"One of the greatest obstacles in the way of better seed is the fact that the farmer is very apt to purchase seed of inferior quality if it is offered at a slightly lower price. There is, however, little relation between the difference in price and the difference in quality, it being almost invariably true that the good seed in lower priced grades is much more expensive than the good seed in the best grades."

PLEASE find enclosed $1 for your tip-top paper.—WM. WALKER, Louisville, Ky.

I FEEL lost without your paper, as it has saved me many times its cost.—CHARLES F. ROHR, Naperville, Ill.

RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white.....1-32 oz., 75c
Faust, most exquisite pink.....1-32 oz., 75c
Valentine, delicate lavender.....1-32 oz., 75c
Mephistopheles, fiery red.....1-32 oz., 75c
All varieties mixed.....1-32 oz., 75c

W. W. RAWSON & CO. 5 UNION STREET, BOSTON, MASS.

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. RICKARDS BROS., Props.

New Crop Flower Seeds Just Arrived

37 East 19th Street, NEW YORK CITY

Mention The Review when you write.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, BERLIN, N. Y.

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

Mention The Review when you write.

PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.
Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

MUSHROOM SPAWN

Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.

Pure Culture Spawn Co.
609 W. Fourth St. CINCINNATI, O.
Chicago Branch, 604 LaSalle Ave.

Mention The Review when you write.

FRESH BLOOD FERTILIZER.

Of what benefit is blood as it comes fresh from the slaughter-pen to plants in general and especially to geraniums and ferns? How should it be used? Is it suitable for all plants? L. A.

We have been asked this question several times and, without any actual experience, we believe fresh blood is of little use, because it is largely water. There is a preparation made called dried blood; it may be pure dried blood. This has a good reputation and is in great demand among the best growers, both of cut flowers and plants. This is a sanguinary subject and one the writer does not like, but I must repeat—don't bother with the fresh blood. W. S.

MY GIANT CYCLAMEN

Are Ahead in Growth and Flowers

Bloodred, Carmine, Pink, Pure White, White with Carmine Eye.
Each color separate, tr. pkt., $1.00; 1000 seeds, $6.00. An even mixture of the above 5 colors, tr. pkt., 75c; 1000 seeds, $5.00.

For larger quantities, special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.



Lambert's Pure Culture Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on **"Mushroom Culture"** mailed free on application.
American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

SPIRAEA QUEEN WILHELMINA.

You were so kind as to insert in the REVIEW of May 17, 1906, an article about my new Spiræa Queen Wilhelmina. I have been very successful in retarding this variety. I have tried at various times to retard practically all varieties of spiræa, but this year Queen Wilhelmina for the first time. I have some in bloom now in the open air and shall have some when potting in January, so the Queen Wilhelmina can be had ten months in the year.

I showed one pot, on October 29, at



We made this halftone from a

WASH DRAWING

one of many we are turning out for 1907

Seed Catalogues

Our artists are the best in the United States on flower and vegetable drawing.

We make a specialty of

CUTS FOR SEEDSMEN.

All processes. Quick work if necessary. Satisfaction guaranteed.

CRESCENT ENGRAVING CO.

341-349 Clark Street, CHICAGO

Mention The Review when you write.

Last Offer

Superfine Single Mixed Tulips

60c per 100; $4.50 per 1000.

Single Mixed Hyacinths, Freesias

Paper White Narcissus

Prices on application.

JAMES VICK'S SONS
ROCHESTER, N. Y.

Mention The Review when you write.

the general meeting of the Dutch Bulb Association in Haarlem, Holland, with over twenty-five fine flower spikes; and I have some plants with over thirty spikes. According to my experience the Queen Wilhelmina is the best for retarding. WILLIAM KUYK.

LILIUM AURATUM.

I wish to know whether Lilium auratum can be forced for Easter. If so, how early should the bulbs be planted? Is it better to grow this variety outdoors for summer cut flowers? How early should amaryllis bulbs be planted to be in bloom by Easter? K. C. C.

This beautiful lily is sometimes kept in cold storage till the fall, with the object of having them in flower for the holidays. To keep them in cold storage so late that they would be in flower as late as Easter is, I think, impossible, and the new bulbs do not arrive from Japan early enough in the fall to be forced for Easter. But why bother with this class of lilies? We have the longiflorum type for Easter, and that is enough, besides many other beautiful plants and flowers.

Lilium auratum for cut flowers is best grown under glass. Potted as soon as they arrive and started slowly in a cool house, they flower from June on. If you have a well-drained piece of sandy loam, or soil that is largely vegetable deposits, you can plant these lilies outdoors in early May and they will flower in August and September. Let me just add that Lilium auratum is a gorgeous flower, but of little use to florists. Its odor is too strong for most people, and as for using it in a design, I think it would be in as good taste as a gigantic sunflower, or a bride's bouquet made of Timothy Eaton chrysanthemums. Lilium speciosum, album and roseum, are much more valuable to a commercial florist.

You do not say whether you have recently purchased the amaryllis bulbs or grown them from last spring. If the latter, you should put the pots on a bench in the full light and give them no water till they send up flower spikes, after which you should water them copiously. If bulbs bought of a seedsman, pot them, sinking each bulb half its depth in the soil. Water the soil once and then no more till the flower spike appears. If desired at Easter you might leave the first watering till the middle of January.

HIGH GRADE BULBS IN SURPLUS

At Very Low Prices to Close Out

Narcissus Paper White Grandiflora, extra select.	$1.00 per 100;	$7.50 per 1000
" double **Von Sion,** XXX double-nosed....	1.75 per 100;	16.50 per 1000
" **Empress**.....	1.75 per 100;	16 50 per 1000
" **Golden Spur**.....	1.50 per 100;	13.00 per 1000
" **Orange Phoenix**.....	1.00 per 100;	7 50 per 1000
" **Incomparabilis**.....	.75 per 100;	6.00 per 1000
Tulips, Artus.....	1.00 per 100;	9.00 per 1000
" **Dusart,** best red.....	1.75 per 100;	16.50 per 1000
" **Joost von Vondel**.....	1.00 per 100;	9.00 per 1000
" **LaReine,** Fancy	.75 per 100;	6.50 per 1000
" **Keizerskroon**.....	1.50 per 100;	14.00 per 1000
" **Chrysolora**.....	.75 per 100;	6.50 per 1000
" **Pottebakker,** scarlet.....	1.50 per 100;	13.00 per 1000
" " " white.....	1.25 per 100;	10.50 per 1000
" **Rachel Ruysch**.....	1.00 per 100;	9.00 per 1000
" **Rose Gris de Lin**.....	1.00 per 100;	9.50 per 1000
" **Duc van Tholl,** single red and yellow.....	1.00 per 100;	8.50 per 1000
" " " " rose.....	1.75 per 100;	16.00 per 1000
" **Prince of Austria**.....	2.00 per 100;	18.50 per 1000
" **Jacht von Delft**.....	.75 per 100;	6.00 per 1000
" **Rex Rubrorum**.....	1.50 per 100;	13.00 per 1000
" **Gloria Solis**.....	1.00 per 100;	9.50 per 1000
" **La Candeur**.....	1.15 per 100;	10.00 per 1000
" **Yellow Rose**.....	.75 per 100:	6.00 per 1000
" single, fine mixed	.60 per 100;	4.75 per 1000
" single, extra fine mixed.....	.75 per 100;	6.50 per 1000
Freesias, mammoth, ⅛ to ¾-inch.....	.65 per 100;	5.00 per 1000
Lilium Giganteum, 7 to 9.....	6.50 per 100;	60.00 per 1000

Just arrived, **LILY OF THE VALLEY,** early giant-forcing, a very superior grade, $14.00 per 1000; original cases of 2,500, $34.50.

CURRIE BROS. CO. 308-314 BROADWAY, MILWAUKEE, WIS.

Mention The Review when you write.

FORCING RHUBARB

Under the greenhouse bench or in any old cellar or mushroom house, is entirely practical and an easy proposition.

Send for my Special Florists' Circular on RHUBARB FORCING

It gives ample directions for successful culture.

I have a good supply of large **Undivided Clumps.** Price, $2.00 per doz.; 25 for $3.75; $12.00 per 100; $100.00 per 1000. (500 at 1000 rate.)

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

THE FINEST VALLEY

Western Headquarters for Early Forcing Pips

$14.00 per 1000; $1.50 per 100. Now ready. This is the very best stock for early forcing and will do splendidly for the holidays. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.

Fancy Cut Valley for Thanksgiving and Christmas.

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

We want to thank you for the benefit received from our small advertisement in the REVIEW. It brought results all right; inquiries and orders from all over the country. We are filling one order now from New Orleans.—S. HUTH, Cuyahoga Falls, O.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As private gardener where talent is required; no objection to going to Pacific Coast. Single. Address Gardener, 3615 Ellis Avenue, Chicago, Ill.

SITUATION WANTED—As grower of carnations, mums, palms, ferns and soft-wooded stock; best of references; state particulars in first letter; 25 years' experience. Address W. B., 495 W. 4th Avenue, Columbus, Ohio.

SITUATION WANTED—By hustling, energetic, well-educated young man of 28, with up-to-date firm in some central western city, to learn decorating, designing and store work; have had some experience. Address No. **142,** care Florists' Review, Chicago.

SITUATION WANTED—As head-gardener; age 37; 20 years' experience in some of the best gardens in England and Scotland; highest references; 12 months at Ha Ha Tonka; leaving through owner's death. H. C. Pearce, Ha Ha Tonka, Camden Co., Mo.

SITUATION WANTED—As foreman, to take entire charge of a large modern plant, by a first-class grower and manager; life experience in growing roses, carnations, mums, etc.; a wholesale place preferred; references first-class. Address No. **139,** care Floriest' Review, Chicago.

SITUATION WANTED—By good all-round, reliable florist; single; German; 22 years' experience; good in carnations and roses; good worker and manager; fully competent to take charge; retail place in good running order and central states preferred. Address No. **144,** care Florists' Review, Chicago.

SITUATION WANTED—By working foreman, as grower of cut flowers and pot plants in general; State of Massachusetts preferred; life experience in the trade from Germany and this country; capable of handling men; honest and sober; age 39; single; please state full particulars in first letter. Address E. H., Florist, general delivery, Weston, Mass.

SITUATION WANTED—By January 1, as foreman or grower; I have 20 years' experience in growing roses, carnations, violets, mums, palms, ferns, bedding plants, etc.; not afraid of work. German; age 34; married; can furnish A-1 references as to character and ability; please state salary with full particulars in first letter. Address A. B. C., Lock Box 120, West Mentor, O.

WANTED—Grower of carnations; give reference and state wages with board. Address No. **104,** care Florists' Review, Chicago.

WANTED—A good grower of carnations and general stock; state wages and reference. W. H. Humfeld Floral Co., Kansas City, Mo.

WANTED—Experienced salesman and decorator for flower department. William Donaldson & Co., Glass Block Store, Minneapolis, Minn.

WANTED—Salesman in retail florist store; party must be wide-awake, understanding his business; reference required. P. O. Box 593, Troy, N. Y.

WANTED—Young man as assistant in greenhouse; good references; state full particulars with salary. C. Winterich, Cyclamen Specialist, Defiance, Ohio.

WANTED—A young man who has had experience in a wholesale cut flower house; must be steady and sober. Good wages Address No. **148,** care Florists' Review, Chicago.

WANTED TO RENT—Greenhouse establishment; about 12,000 square feet glass; near Philadelphia, Pa.; must be in good repair; take place in spring. Address Emil Wohlert, Florist, Bala, Pa.

WANTED—A young man who understands the growing of carnations and roses and general stock; give reference and salary wanted in first letter. Address Muskogee Carnation Co., Muskogee, Ind. Ter.

WANTED—Good, sober man to handle a team and make himself generally useful around greenhouses; steady place to right man; state wages with board. Address No. **103,** care Florists' Review, Chicago.

WANTED—By Dec. 1, all-round greenhouse man; must be sober and industrious; German preferred; wages $25.00 per month with room and board; steady position. Address No. **136,** care Florists' Review, Chicago.

WANTED—First-class night fireman thoroughly familiar with high pressure steam boilers, who has had experience with the vacuum system, to work at large greenhouse plant. Pay good salary. Write Green Floral and Nursery Co., Dallas, Texas.

WANTED—At once, assistant gardener; experienced, single and sober greenhouse man; must be thoroughly reliable and understand his business; $25.00 per month, board and room. Address with references, William Reupke, Winterthur, Del.

WANTED—A bright young man to make himself useful in a first-class flower and seed store; one with some greenhouse experience preferred; steady position; must have good references as to character. Address Youngs' Seed Store, 1406 Olive St., St. Louis, Mo.

WANTED—A man for general greenhouse work on a modern retail-wholesale place of 15,000 feet of glass; for a sober, intelligent, reliable man we have a good position and will pay good wages. Address with full particulars and wages expected. W. C. Hill Floral Co., Streator, Ill.

WANTED—Gardener who thoroughly understands starting cantaloupe and cucumber plants in pots in cold frames and the growing of all kinds of vegetable plants in frames and outside; also capable of looking after private grounds; no greenhouse; answer at once giving experience and salary expected. W. F. Allen, Salisbury, Md.

WANTED—Competent man for florist store; must have city experience and be first-class decorator and designer; also used to plant trade; to man capable of taking care of big trade and who is a willing worker a good position will be given; give particulars of experience, etc., in first letter, which will be treated as confidential. Address No. **133,** care Florists' Review, Chicago.

FOR RENT—Two greenhouses, new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month; price $650.00. A good retail place. Address No. **141,** care Florists' Review, Chicago.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR SALE—At one-half price, greenhouse material of all kinds; tearing down to make room; 2 houses, 16x60 feet, pots, plants, pipes, glass; all at little prices; quick sale, Address Lindley, Pentwater, Mich.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,000 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—Four greenhouses, 7-room brick cottage and barn, all in good condition, and well-stocked with carnations and pot plants; or will consider a good partner. Address J. Riemersma, 7111 Indiana Ave., Chicago, Ill.

FOR SALE—Retail plant of 5500 feet of glass in a fine location and in first-class condition with plenty of stock; price $5500.00; $1000.00 cash, balance easy terms; grand bargain; look into it. C. J. Pult, 385 Ellicott St., Buffalo, N. Y.

FOR SALE—All the glass 10x12 d. s. a., on five houses, each 20x115 feet, for $500.00 as it stands; will include sashbars and doors. Also 2 Kroeschell hot water boilers, one 20 horsepower steam boiler, used 3 months; dirt cheap. Brant & Noe Floral Co., W. Peterson and N. 48th Aves., Chicago, Ill.

WANTED

We want a traveling man who knows the florists' supply line thoroughly.

Must know the trade of the middle west, particularly the undertaking trade.

Address with references and wages,

No. 143, care Florists' Review, Chicago.

WANTED

Experienced fireman or strong young man willing to learn. Apply to

POEHLMANN BROS. CO.
MORTON GROVE, ILL.

FOR SALE—A bargain; $4000 00 will buy a greenhouse plant of about 30,000 square feet of glass; well stocked; steam heated; good retail trade, cheap fuel; possession given immediately. Joseph E. Bonsall, Salem, Ohio.

Wanted A man who understands roses and carnations and can make himself generally useful under a foreman.

IDLE HOUR NURSERIES, Macon Ga.

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

WANTED

Salesmen visiting florists to carry an attractive and quick selling side line, extensively advertised, on liberal commission. Address **No. 137,** care Florists' Review, Chicago.

FOR SALE
Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses; 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For Terms,

WM. CLARK, Colorado Springs, Colo.

WANTED

A thoroughly up-to-date man to take charge of one of the finest floral establishments in the west. Must be a man with some executive ability and an A-1 Salesman and Decorator. Will pay right party good salary and commission. Address with references as to character and ability. Address **No. 138,** care Florists' Review, Chicago.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 135, care Florists' Review, Chicago.

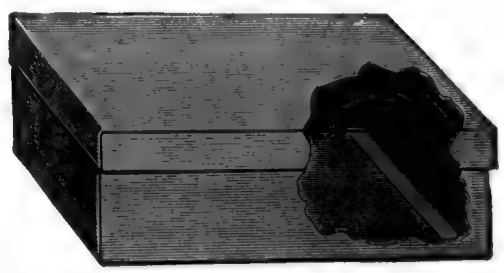
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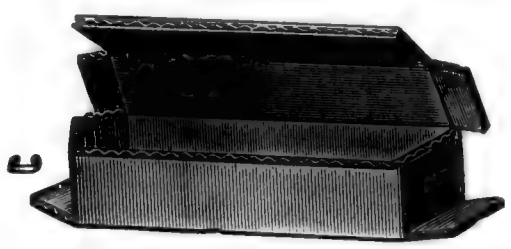


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Richmond	4.00 to	10.00
Perle	4.00 to	8.00
Carnations	3.00 to	6.00
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Violets		1.50
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Liberty	4.00 to	10.00
Golden Gate	4.00 to	8.00
Kaiserin	4.00 to	8.00
Perle	4.00 to	7.00
Carnations	2.00 to	5.00
Chrysanthemums	8.00 to	25.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	40.00 to	50.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	2.00
Lily of the Valley	8.00 to	4.00
Smilax		15.00
Harrisii	12.00 to	15.00
Violets	1.00 to	1.50

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	Per doz.	
Beauties, Specials		$6.00
" Extra		5.00
" Select		4.00
" No. 1		2.50
" Shorts		1.50
	Per 100	
Kaiserins	$ 4.00 to	$ 8.00
Brides and Bridesmaids	3.00 to	8.00
Carnations	3.00 to	5.00
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Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri, "	2.00 to	4.00
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" " Shorts	5.00 to	6.00
Richmond, Liberty, Select	8.00 to	12.00
" Ordinary	4.00 to	6.00
Kaiserin, Select	8.00 to	10.00
" Ordinary	4.00 to	6.00
Killarney, Chatenay	6.00 to	8.00
Carnations, Fancy	4.00 to	5.00
" Select	2.00 to	3.00
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" " No. 2	1.00 to 2.00
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Killarney	2.00 to 8.00
Richmond	2.00 to 8.00
Orchids, Cattleyas	50.00 to 75.00
Gardenias	15.00 to 25.00
Carnations, Common	1.00 to 1.50
" Selects	1.50 to 2.50
" Fancies and novelties	4.00 to 8.00
Chrysanthemums, Ordinary	2.00 to 8.00
" Fancy	10.00 to 30.00
Violets	.50 to 1.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	.75 to 1.00
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	8.00 to 10.00
Lily of the Valley	1.00 to 4.00
Smilax	6.00 to 8.00
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" 24-inch stems		2.50
" 20-inch stems		2.00
" 15-inch stems		1.50
" 12-inch stems		1.25
" Short stems	.75 to	1.00
	Per 100	
Bridesmaids, Specials	$5.00 to	$8.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	8.00
" Firsts	3.00 to	4.00
Richmond, Specials	5.00 to	10.00
" Firsts	3.00 to	4.00
Liberty	3.00 to	10.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Killarney	3.00 to	12.00
Uncle John	3.00 to	6.00
Perle	3.00 to	5.00
Chatenay	3.00 to	8.00
Carnations, Select	3.00 to	4.00
" Fancy	5.00 to	6.00
Violets, double	1.00 to	1.50
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" medium, doz., $1.50-$2		
" small	6.00	10.00
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Dendrobium—		
Formosum....doz., $5.00 to $6.00		
Harrisii	15.00 to	18.00
Callas	15.00 to	18.00
Valley	3.00 to	5.00
Sweet Peas	1.00 to	1.50
Bouvardia	2.00 to	4.00
Paper Whites, Romans	3.00 to	4.00
Stevia		2.00
Mignonette	6.00 to	8.00
Asparagus, Strings	35.00 to	50.00
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" Sprengeri, " 25–35c		
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Galax.....per 1000, $1.00 to 1.50		.15
Adiantum Cuneatum		1.00
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" Extra	20.00 to	25.00
" Short Stems	8.00 to	12.00
Brides, Specials	4.00 to	8.00
" Seconds	2.00 to	3.00
Bridesmaids, Specials	4.00 to	12.00
" Seconds	1.00 to	2.00
Chatenay	2.00 to	12.00
Wellesley, Killarney	2.00 to	12.00
Liberty, Richmond	3.00 to	15.00
Carnations, Special	4.00 to	6.00
" Select		3.00
" Ordinary		2.50
Lily of the Valley	3.00 to	5.00
Asparagus Plumosus, Strings	30.00 to	50.00
" " Sprays, bunches	25.00 to	50,00
" Sprengeri, bunches		25.00
Smilax	10.00 to	12.00
Harrisii	10.00 to	12.00
Violets	.75 to	1.25
Chrysanthemums	8.00 to	30.00
Cattleyas	30.00 to	35.00
Cypripediums		12.00
Callas	10.00 to	12.00
Antirrhinum	3.00 to	4.00
Sweet Peas		1.00
Mignonette	3.00 to	8 00
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St. Louis, Dec. 5.

	Per doz	
Beauties, Specials	$ 4.00 to	$ 5.00
" Extra	2.50 to	3.00
" Shorts	1.00 to	1.50
	Per 100	
Brides and Maids, Specials	$ 6.00 to	$ 8.00
" " No. 1	3.00 to	4.00
Golden Gate	5.00 to	8.00
Richmond	3.00 to	6.00
Carnot	5.00 to	8.00
Carnations, Common	2.00 to	2.50
" Fancies	3.00 to	4.00
Chrysanthemums, doz., $1.50 to $4		
Adiantum	1.00 to	1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	12.50 to	15.00
Violets	.50 to	.75
Paper Whites		4.00
Stevia		1.00
Romans	3.00 to	4.00

Pittsburg, Dec. 5.

	Per doz.	
Beauties, Specials	$5.00 to	$6.00
" Fancy	3.00 to	4.00
" Medium	1.50 to	2.00
" Short	.75 to	1.00
	Per 100	
Brides and Bridesmaids, Fancy		$10.00
" " Medium	$4.00 to	6.00
" " Short		3.00
Richmond, Specials		12.00
" Select		6.00
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Adiantum	.75 to	1.50
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" Sprays, bunch, 40c-50c		
" Sprengeri, b'h, 40c-50c		
Smilax	12.50 to	15.00
Valley	3.00 to	4.00
Chrysanthemums	6.00 to	25.00
Violets, double	1.00 to	1.50
Paper Whites	3.00 to	4.00
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	Per 100.	
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" Shorts	10.00 to	15.00
Brides and Maids, Extra		8.00
" " No. 1		6.00
" " No. 2		3.00
Golden Gate	3.00 to	8.00
Kaiserin	3.00 to	8.00
Liberty	4.00 to	12.00
Meteor	3.00 to	8.00
Perle and Sunrise	3.00 to	6.00
Carnations	2.00 to	5.00
Chrysanthemums	10.00 to	25.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	2.00 to	4.00
" Sprengeri, "	2.00 to	3.00
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Dozens of you will send flowers to your relatives, sweet hearts, children and customers in New York City on Dec. 25. If you will entrust these gifts to me your instructions will be faithfully observed.

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Steamer—	From—	To—	Sails.
Cymric	Boston	Liverpool	Dec. 15
Merion	Philadelphia	Liverpool	Dec. 15
Ivernia	Boston	Liverpool	Dec. 25
Haverford	Philadelphia	Liverpool	Dec. 29
Caronia	New York	Egypt	Jan. 5
Noordland	Philadelphia	Liverpool	Jan. 5
Cedric	New York	Egypt	Jan. 5
Hamburg	New York	Naples	Jan. 10
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19
Canopic	Boston	Egypt	Feb. 23
K. Albert	New York	Naples	Feb. 23
Ivernia	Boston	Liverpool	Mar. 5
Pannonia	New York	Naples	Mar. 12
Republic	Boston	Egypt	Mar. 16
Carpathia	New York	Naples	Mar. 26
Slavonia	New York	Naples	Apr. 9
Canopic	Boston	Egypt	Apr. 10
P. V. Louise	New York	Naples	Apr. 11

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LANSING, MICH.

Comment.

J. A. Bissinger, of the Capitol Avenue Greenhouse, reports an exceptionally good trade for Thanksgiving, much heavier than in 1905.

G. R. Smith, of the Riverside greenhouses, says that everything went, but demand did not greatly exceed supply. His large stock of chrysanthemums was completely cleaned up.

G. F. Bauerle, the enterprising North Lansing florist, did a thriving bit of business during Thanksgiving week.

Of course every violet from the Maplewood violet house was sold before Thanksgiving day. The cut was slightly in excess of last year.

May 1, 1907, the business of Maplewood Violet House will be merged into the Maplewood Violet Nursery Co. E. A. Zimmerman, who has been for many years connected with the Bridgeport Nursery, of Bridgeport, Ind., has purchased a half interest and the business will be enlarged to include the cultivation of plants, trees and shrubs. This is the only firm in Lansing taking up this line of work. P. L. C.

NEW YORK, N. Y.—The Pierson U-Bar Co.'s successful low bid on the Central park greenhouses was $20,475. There were three higher bids.

EDWARDSVILLE, ILL.—J. F. Ammann, president of the Illinois State Florists' Society, will attend the meeting of the Bloomington Florists' Club, December 13, to consult in reference to a working committee to be appointed for the annual meeting of the society, to be held in that city the second Tuesday in February.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

FRANK A. WEBER, of H. J. Weber & Son's Nursery Co., St. Louis, is visiting eastern nurseries looking for stock.

JAMES TRUITT & SONS, of Chanute, Kan., are building a storage and packing house for nursery stock. It will be 115x225 feet, frame, with brick veneer.

THE nurserymen in Chester county, Pennsylvania, were still digging and planting up to December 4 and have had an especially long and prosperous autumn season.

THE Vermont State Horticultural Society is in session at Burlington Wednesday and Thursday of this week. J. H. Hale, South Glastonbury, Conn., is on the program for two addresses.

L. L. MAY & Co., of St. Paul, Minn., will build a cold storage house at Lakeland, Minn., for the purpose of wintering their nursery stock. The building will be 157x200 feet, the wall to be provided with four dead air spaces.

THE death of George Ellwanger, head of Ellwanger & Barry, Rochester, N. Y., occurred November 26. He was 90 years of age. A brief account of his long and active life will be found in the obituary column on another page of this issue.

SEVERAL nurserymen, among them M. J. Wragg, C. L. Watrous, C. G. Patten and W. M. Bomberger, are on the program for the forty-first annual convention of the Iowa State Horticultural Society at Des Moines, December 11 to 13.

J. E. MCMAHON, the nurseryman at Home, Kan., has bought a section and a quarter of land near Denver, Colo., and will establish a branch nursery on a quarter section of it. He is said to be a good authority on soil and tree culture and says he is satisfied that the soil and climate are well adapted for fruit growing.

STARK BROS. CONSOLIDATE.

The following report comes from Atlantic, Ia., under date of November 29: "The Stark Bros. Nursery Co. is to quit business in Atlantic. This was the word received by I. N. Brown, local manager for the concern, in the shape of an order from the main office at Louisiana, Mo., to ship teams, stock, etc., to them and wind up the business here. The reason of the decision on the part of the nursery firm is not exactly known, but it is said that they have not found the local nursery a profitable one and that many of the local conditions are not auspicious. The company purchased the Wilson nursery business some years ago and since that time I. N. Brown has been the manager."

A SHRUBBY GOLDENROD.

Bigelovia graveolens, a low growing and very hardy shrub common to sterile soils throughout the Rocky Mountain region, bears profuse blooms so like those of the goldenrod that it may be regarded horticulturally as only a shrubby form of the latter. It appears to grow well in the east in any dry situation, soon forming bushy, spreading clumps three or four feet high and as much in diameter. The leafage is narrow but dense, and covered with short, woolly hairs, giving the plant a distinct if not especially ornamental appearance. The yellow inflorescence consists of abundant feathery flower heads thrown well above the foliage, and is produced in September. While not comparable in floral effect to the most showy species of solidago, or goldenrod, to which it is closely related, its shrubby habit and distinct appearance make it worthy of a place in mixed plantings. It is readily increased by seeds, layers and cuttings. Nurseries generally offer collected plants, as the demand is too limited to encourage propagation. We have received a dwarfer variety, known as albicaulis, from D. M. Andrews, Boulder, Colo. The foliage is densely woolly. Mr. Andrews considers it a suitable shrub for low hedges and edgings as well as mixed borders.—W. Van Fleet, in the Rural New-Yorker.

FLOWERLESS LILACS.

Will you kindly tell me why my lilacs never bloom? I mean the outdoor ones. Should all the suckers be kept off and just have have one main growth? The plants seem in good health, but never have any bloom, and my neighbor's are just the same way. Please tell me what to do for them. Can there be such a thing as all males and no females

M. E. A.

The lilacs we import from Belgium for forcing are grafted or budded on the common privet, Ligustrum vulgaris, and when planted out suckers will occur, and should, of course, be kept off. With lilacs propagated from cuttings or layers, which our American nurserymen sell, the suckers, if any, are as true to species as any part of the shrub.

There may be several reasons why your lilac bushes do not flower. Remember that flowering and bearing fruit in shrubs and trees is no indication of health and vigor, rather otherwise.

The lilac is one of those hardy deciduous shrubs that should be pruned, if at all, immediately after it has done flowering. It sets its flower buds for another year at the same time that it is flowering. Now if you go, during winter or early spring, and cut off or shorten back the growth the plant made last June you will be cutting off all the flower buds and induce only a strong, blind growth. If this is not your error, then dig a trench all around your lilac bushes. Keep five or six feet from the stem, but deep enough to cut off all the strong roots. This will impair their vigor and throw them into flower. Keep your knife and pruning shears away. W. S.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

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2½-ft. Bushes, 75c each; 5½-ft. Pyramids, $6.00 each.

Every plant a specimen. Other sizes at proportionate prices.

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Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Clematis.

60 Years. Send for our Wholesale Price List. 600 Acres.

Mention The Review when you write.

MANETTI ROSE STOCKS

A special selected grade for florists' use. Ready for delivery about December 1. Write for prices and information.

THOMAS MEEHAN & SONS Inc.
Box D, Dreshertown, Pa.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W. Peterson Ave., Chicago

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

Mention The Review when you write.

TWIN CITIES.

The Market.

Business last week was steady and the general report is that every one had about all he could take care of conveniently. Specimen blooms of chrysanthemums were in big demand and, except with two of our largest growers, they were hard to secure. Medium sized mums did not seem to sell as well as the larger blooms. Roses are not too plentiful and a great many were shipped in for the Thanksgiving trade. Carnations were also quite scarce. Violets were largely called for, even at $1 per bunch of twenty-five. Chrysanthemum plants are slow sale. A great many dealers are carrying quite a number, but in order to get anything out of them, are compelled to cut them and use them for cut flowers. Funeral work has been heavy.

St. Paul.

The partnership in the Swanson Floral Co. has been dissolved, Gust A. Colberg having purchased August S. Swanson's share in the business. In future it will be run under the name of Gust A. Colberg.

J. W. Hoffman, manager of the L. L. May & Co. retail cut flower department, says Thanksgiving trade exceeded by considerable that of a year ago.

Olaf J. Olson, of Holm & Olson, says their trade was good and in addition to disposing of all their own chrysanthemums they bought large numbers from other growers. Trade in their new store, he says, has increased greatly.

C. F. Vogt reports a good trade, the demand for floral designs being especially heavy.

Vogt Bros. report a fine trade for Thanksgiving and a very heavy demand for violets, which were hard to obtain.

E. T. Lemke has had possibly as fine a lot of mums as were seen this season; also his violets and carnations are hard to beat.

Minneapolis.

Jas. Souden, of the Wm. Donaldson Co., says they had about all the business they could take care of. Their own stock is doing well, but on account of the heavy demand they are compelled to buy considerable.

Ralph Latham says trade is good and so far has been able to secure some fine roses, especially Chatenay, Brides and Maids. FELIX.

MONTPELIER, VT.—The state legislature on November 23 passed a bill fixing a license for dealers in evergreen trees.

The Two Best Evergreen Trees

are **Colorado Blue Spruce** (Picea pungens glauca)

and **Berckman's Golden Arbor-Vitae** (Biota aurea nana)

Both are not only beautiful in habit, extremely rich in color but both are also of iron clad hardiness—being among the few Evergreens that will endure salt air and succeed near the coast.

		Per 10	Per 100
ABIES PUNGENS GLAUCA,	2-2½ ft.	$15.00	$125.00
" " "	2½ 3 ft.	20.00	150.00
" " "	3-3½ ft.	25.00	200.00
" " "	3½-4 ft.	30.00	250.00
ABIES PICEA PUNGENS, green foliage,	2½-3 ft.	3.00	25.00
" " " " "	3-3½ ft.	4.00	35.00
" " " " "	3½-4 ft.	5.00	40.00
" " " " "	4-5 ft, specimens	10.00	
" " " " "	5-6 ft., "	15.00	
BIOTA AUREA NANA,	10-12 in.	2.00	15 00
" " "	12-15 in., compact	2.50	25.00
" " "	15-18 in., "	3.50	30.00
" " "	18-20 in., "	5.00	40.00
" " "	20-24 in., "	6.00	50.00

Packed free for cash with order.

J. T. LOVETT, LITTLE SILVER, N. J.

Mention The Review when you write.

Seasonable Stock for Florists!

Hydrangeas, Otaksa and Thos. Hogg { With 7-12 flowering crowns, $12.00 per 100; With 5-6 flowering crowns, 9.00 per 100; With 4 flowering crowns, 7.00 per 100

For Forcing, from 6-inch pots and open beds; all outdoor-grown.

ROSES Strong, Two-Year, Field-Grown, Selected for Forcing.

Hybrid Perpetuals	$10.00 and $12.00 per 100
Crimson Rambler	9.00 per 100
Dorothy Perkins	7.00 per 100

and **LADY GAY,** a **new** hardy Climbing Rose of **exceptional merit;** ready **now** from 2½-inch pots only. Write for prices.

Jackson & Perkins Co., Newark, (Wayne Co.), New York

NURSERYMEN AND FLORISTS. WHOLESALE ONLY.

Mention The Review when you write.

SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

Mention The Review when you write.

Not a bloomin' thing but roses to offer you,

101 best sorts. Own roots. 2½ and 4-in. Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

Mention The Review when you write.

Large Privet

from 2 feet to 8 feet. Prices on application.

CREEPING OR TRAILING ROSES. Write for wholesale list.

ELIZABETH NURSERY CO., Elizabeth, N. J.

Mention The Review when you write.

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand.,
Honeysuckles and other Shrubbery.

AT A BARGAIN

Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

PEONIES

	Per 100
Queen Victoria (or Whitleyii), the best keeper	$ 9.00
Festiva Maxima	30.00
Fragrans (late rose)	6.00

Large stock of M. L. Rhubarb Plants.

For other varieties or 1000 rate, write

GILBERT H. WILD, SARCOXIE, MO.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Field-Grown ROSES

1½ to 4 ft. high, 90 varieties, $8.00 per 100.

CRIMSON RAMBLER

1 and 2 years, 1½ to 4 ft., $3.00 to $5.00 per 100.

WM. K. NELSON, Augusta, Ga.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet....$10.00 per 100
" " strong, No. 2. 6.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

Always Mention the.... **Florists' Review** When Writing Advertisers.

CARNATIONS, Rooted Cuttings For Immediate Delivery

HANNAH HOBART, Best Dark Pink (Jno. H. Sievers & Co., 1906), $7.50 per 100; $60 per 1000

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Enchantress, light pink	$1.60	$15 00	White Lawson	$2.00	$15.00	Red Lawson, best light red	$1.60	$12.50
Mrs. Thos. Lawson, dark pink	1.40	10.00	Flora Hill, white	1.40	10.00	Estelle, scarlet	1.60	15.00
G. Lord, light pink	1.40		Gov. Wolcott, white	1.40	10.00	America, light red	1.40	10.00
Mrs. F. Joost, salmon	1.20	10.00	Queen Louise, white	1.20	10.00	G. H. Crane, scarlet	1.40	10.00
Eldorado, yellow	1.40	10.00	Mrs. Potter Palmer, scarlet	1.20	10.00	Prosperity, mottled	1.40	12.50
Harlowarden, crimson	1 40	12 50	Gov. Roosevelt, crimson	1.40	12.50	Variegated Lawson	1.60	15.00

Not less than 25 cuttings will be sold at 100 rate and not less than 250 at 1000 rate. 5 per cent discount will be allowed for cash with order or will ship C. O. D. with privilege of examination. Express charges prepaid by us on all orders for cuttings. All cuttings sold by us under expressed condition that if not found satisfactory when received, they are to be returned at once at our expense when money will be refunded on cash orders.

LOOMIS CARNATION CO., LOOMIS, CAL.

Mention The Review when you write.

PACIFIC COAST.

The Great Northern Railroad is aiding the development of the Oregon fruit industry by displaying in its traffic offices through the country boxes of the splendid apples grown in the Wenatchie valley, where the bushel box is the standard package.

KATE MOULTON ON THE COAST.

Among the many interesting things to be seen at the establishment of William H. Sibson, at Portland, Ore., is a house 200 feet long planted to the Kate Moulton rose. Mr. Sibson grows a large list of varieties and has excellent success with all his stock under glass, but the behavior of Miss Kate Moulton has particularly pleased him. It has grown finely and appears to be free from the eccentricities which are to be noted in so many of our forcing roses. It is abundantly productive and fine in both flowers and foliage, no mildew ever being seen.

LOS ANGELES, CAL.

More than a few shipments of azaleas are showing up after being on the road from one to two months. These shipments are from a number of different large shippers of the East, and, barring one shipment, they are almost a total loss. Of all these shipments, the writer has seen but one that was properly protected for such a long, dry journey. With the one exception that has come under my notice, not a box contained an ounce of moss. The trees were as dry as dead brush, with all leaves gone.

The shippers sending goods to this coast should remember two things: First, use enough moss, and, second, during cold weather use dry moss.

Southern California was favored with its first good rain for the season the latter part of November, and it sets all the nurseries to work. Preceding this rain was an unusual cold snap that has, to a considerable extent, destroyed the late beans and early potatoes, and in many localities taken the winter peas. Other growers report the loss of their winter tomatoes. This cold snap is more than thirty days earlier than usual, and will be of great loss to some of the growers, who "gamble" on holiday trade and take great risks with the elements.

The notice of the death of Albert Zimmerman, of Pasadena, Cal., will be found in the obituary column, on another page.



The Kate Moulton at Sibson Rose Nurseries, Portland, Ore.

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong field-grown divisions, **true to name,** $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz,, Cal.

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Asparagus Plumosus Nanus, 2½-inch, $3.50 per 100. 2-inch, $2.00 per 100.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

The following from 2-inch at $2 00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).

Smilax, 2½-in., $2.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

Thanksgiving has come and gone, and I am inclined to think that there will be little cause for complaint. We had been enjoying extra fine weather through November until about a week before the holiday, when suddenly we were visited by several days of hot, dry winds, coupled with frosty nights. In consequence there was a great shortage of outdoor stock that was not particularly noticeable until the middle of the week. Violets suffered most and next in order were chrysanthemums. The price of the former was not raised by the growers, but there was a great shortage of stock and there were but few brought to town on Wednesday or Thursday. The demand was heavy but everyone was cut off with a short supply. Good yellow mums for the same reason were scarce and the growers doubled the prices.

Carnations, owing to the heavy out-

SPECIAL OFFER

Something Good and Cheap For Catalogue Men.

	Per 100
1000 Hibiscus Peach Blow, extra strong, 2-in. pots	$ 3.50
1000 Hibiscus Peach Blow, very fine plants, 3-in. pots	5.00
1250 Hibiscus, Double Crimson, 4-in. pots	5.00
500 Abutilon Dick de Lonlay, 4-in. pots	2.50
1500 Abutilon Maiden Blush, 2-in. pots	2.50
2000 Geranium Achievement, strong, 2½-in., finest of all the hybrids, Ivy-zonale section	3.00
1000 Gertrude Pearson, extra fine, 3-in. pots	4.00
500 Lonicera Superba Gigantea, novelty, the grandest giant flowered, large foliaged, honeysuckle in existence	10.00
1200 Begonia Argenteo-Guttata, strong, 2½-in	3.00

	Per 100
2000 Hydrangea Otaksa Monstrosa, extra heavy stock, 3-in. pots	$ 4.00
500 Lantana Trailing Queen, 2½-in. pots	2.00
1150 Crimson Rambler Roses, 2-year-old, extra fine canes, 4 to 5 feet high	15.00
1800 Climbing Clothilde Soupert Roses, very fine stock, 2 to 4 branches, 4 to 5 feet high	15.00

(Roses shipped without soil on the roots in dormant condition during December with perfect safety,) f. o. b. Los Angeles. No less than 100 lots at 100 rate, on any of above.

The above are all extra fine stuff and cheap at the prices quoted. Cash with all orders.

HOWARD & SMITH, Inc., ...Nurserymen... P. O. Box 484, LOS ANGELES, CAL.

Mention The Review when you write.

ROSE MISS KATE MOULTON

With us is splendid in growth, flower, foliage, productiveness. We will book orders in rotation for early spring delivery from 2½ and 3-inch pots. **Prices, $12.00 per 100; $50.00 per 500; $100.00 per 1000.** Our propagating capacity is limited. Apply early if you want healthy, well grown stock.

THE SIBSON ROSE NURSERIES, CUT FLOWER DEPARTMENT
1180 MILWAUKEE AVE., PORTLAND, ORE.

Mention The Review when you write.

CARNATIONS

250,000 healthy, well rooted Cuttings of choice and standard varieties, as follows: Hannah Hobart, Enchantress; Red, White, Pink and Variegated Lawson; Estelle, Mrs. Joost, G. H. Crane, America, Eldorado, Harlowarden, Gov. Wolcott, Queen Louise, Flora Hill, Governor Roosevelt, Richmond Gem, Genevieve Lord, Argyle and Gaiety. Write for price list, terms, etc to

THE HERMITAGE CARNATION CO., D. F. Roddan, Prop., LOOMIS, CAL.

Mention The Review when you write.

PALMS

25 **Phoenix Canariensis**	4 to 6 ft.
40 " "	3 to 4 ft.
10 **Chamaerops Excelsa**	2 to 3 ft.
40 **California Fan**	3 to 6 ft.
10 **Erythea Edulis**	2 to 3 ft.
20 **Australis Corypha**	2 to 3 ft.
20 **Dracaenas**	4 to 6 ft.

Good, hardy stock, never been under cover. Must be moved this season. Price (which is low) on application.

W. E. KING, Florist
East Santa Cruz, Cal.

Mention The Review when you write.

of-town shipments, were scarce. There was not such a noticeable insufficiency of roses. The demand, I think, was about equal for violets, yellow mums and carnations and these were the only flowers that the retailers had to scramble for. Valley was in fair supply. Some well-grown poinsettias were shown and many Roman hyacinths and narcissi. It will be a few days before the retailers can figure up their business for the week, but I have seen no one who did not appear to be satisfied.

Various Notes.

James Skinner, of Christmas tree fame, is in town on his annual visit from Oregon. He states that the demand this year for trees is heavier than ever.

L. M. Barrett, of Berkeley, is in line with a good supply of maidenhair for the holidays. He has splendid success with Adiantum Croweanum and devotes considerable space to it.

H. Gresens, of Alameda, reports the heaviest business during Thanksgiving week ever experienced by his firm.

Considerable business was done by the local dealers in California red berries. Many customers, who could not be supplied with violets, turned their attention to the berries and seemed to find in them a good substitute. G.

PROPAGATING NUT TREES.

Will you oblige me by giving a little information about propagating nut trees, as I have unsatisfactory results? Please cover, if convenient, in reply, the best mode of selecting, handling, time of planting, etc., of such varieties as English walnut, sweet chestnut, butternut, maple, elm, mountain ash and hawthorn.

C. H. B.

The writer of the above takes in quite a varied list of stock, together with an opportunity to go into considerable detail in the various phases of its growth, but a few of the principal features may clear up some of the difficulties encountered.

To begin with, the subject of the growing of nut trees presents several successive steps. Walnuts, almonds, chestnuts and butternuts are grafted to whatever variety the grower wishes to propagate. The seedlings are usually grafted when about two years old and they make a growth of several feet in the next two seasons, when they are large enough to sell. The exception to this rule is the almond, which is always budded on one-year-old wild stock and attains a salable size the following season.

Seedling nut trees can be procured from any of the large eastern nurseries and if one-year-old seedlings are planted they should be grown one year before they are grafted. They are easily handled and the grafting should be done in December and January, and the ground kept well cultivated, so that the young scion will not dry out when the warm weather begins.

The best selling varieties on this coast are the Chaberte, Franquette, Mayette and Parisienne walnuts, Nonpareil, Paper-shell and IXL almonds, American Sweet, Paragon and Alpha chestnuts.

Considerable success can be had from planting and fruiting nut trees that are grown from selected nuts and not grafted; but the demand has of late years been for grafted trees of well-known sorts. The party inquiring can purchase or grow the seedlings and when the time comes for grafting the scions can be procured without trouble from any reputable tree grower.

With maples there is no trouble whatever. They are easily grown from seed, although young seedlings are sold at such reasonable prices by wholesale dealers, who make a specialty of selling to smaller nurseries, that it hardly pays to propagate them when two or three-year-old seedlings can be had at a few cents per hundred. They are easily handled, perfectly hardy and grow fast when planted in nursery rows. Should the inquirer care to bother, they can be grown very easily from seed, but my advice is to import, as I find it much cheaper. The best selling sorts of maples on this coast are the English silver-leaved, sycamore, Norway and black. They are all of equally easy growth and are good sellers.

The same rule can be applied to elms, mountain ash and hawthorn. The hawthorn, however, if it is desired to grow any of the double sorts, will have to be budded or grafted in the same manner as the nut trees. They can be budded in May or June and grafted in December. Wild or single hawthorns can be purchased at low prices and can be altered when either two or three years old. They have come into great favor within the last few years on this coast and are of the easiest growth and stand transplanting without trouble. G.

BALTIMORE.

The Market.

Indian summer continues, but we had a rushing Thanksgiving and many orders had to be declined. Many balls and banquets were on, and society was out in force, but a sudden stop was made on account of the terrible wreck on the Southern railroad. A large number of floral tributes were made up for the late C. D. Fisher.

Chrysanthemums are a little scarce, while carnations are more plentiful and roses coming in steadily. Greens of all kinds are plentiful. Violets are making a better show and bring 40 cents a hundred.

Club Meeting.

The Gardeners' and Florists' Club held its regular meeting November 26 with a smaller attendance than usual. P. B. Welsh showed a vase of Helen Frick and Minnie Bailey chrysanthemums. J. J. Perry proposed W. L. Lanahan as an associate member. C. Seigwardt, O. H. Gureth, W. Feast and Edwin Bishop were elected members. J. M. Sommers, of Waverly, and A. Hedwick, of Garrison, were proposed.

C. L. Seybold gave an interesting talk on the coming meeting of the Maryland State Horticultural Society.

It is expected the club will occupy its new rooms after January 1. Our club now has a membership of 141.

Various Notes.

E. A. Seidewitz, formerly of 36 West Lexington street, opened his new store at 323 West Charles street last week. It is up-to-date in every respect. The large window is different from any other in the city, having a drop of several feet below the first floor.

Albert Fiedler & Co. report trade rushing.

Mrs. Jacob Eyer has been bringing in fine mums.

Albert Beckman, at Raspeburg, has sold all his cut flowers and has erected a large new house, but too late for service this year. He is now growing parsley and celery.

C. Gregorius, of Arlington, is offering his place for sale and will go south and start anew.

C. T. Bucher, who has been sick for the last three months, is able to be about again.

Julius Tischinger has made his appearance in market again. J. L. T.

I enclose money order for $1. Please renew my subscription for the best florists' paper printed—the Review.—W. Pittendreigh, Linwood, Mass.

Chanute, Kan.—James Truitt & Sons have lately added extensively to their greenhouse plant, all the glass for the new part being furnished by the Chanute glass plant.

Lima, O.—A. Ernsberger, the resident manager of the greenhouses of Ernsberger Bros., has moved his family to this city. With another week of favorable weather the local greenhouse will send out its first shipment of lettuce.

Charles City, Ia.—The Northwest Iowa Horticultural Society held a three days' session, beginning November 20, in this city. There was a good attendance from Minnesota as well as this state. Mr. Ferris, of Houghton, and other prominent speakers addressed the meeting.

FERNS

	Per doz.	100	1000
Boston Ferns, 2½-in.		$3.00	$25.00
" " 3-in.		6.00	
" " 4-in.	$1.50	10.00	
" " 5-in.	2.25	15.00	
Piersoni, strong runners, 2½-in.		3.00	25.00
" " " 4-in.	1.50	10.00	
" " " 5-in.	2.25	15.00	
Scottii, " " 2½-in.		3.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-in.		7.00	
" 4-in.	1.50	10.00	
" 5-in.	2.25	15.00	
Whitmani, 3-in.		20.00	
Holly Ferns, 2½-in.		3.00	
Carex Japonica, 2½-in.		2.50	
Begonias, assorted, 2½-in.		2.50	
Crotons, 4 sorts, 3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock.		3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants		2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

Mention The Review when you write.

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. PROVIDENCE, R. I.

Mention The Review when you write.

LAST CALL for MUM STOCK

Mrs. Swinburne, White Coombes, Amorita, Helen Frick, J. Nonin, Soliel de September, 75c per doz.; $6.00 per 100.

Orders for January delivery booked now. B. May, Morton F. Plant, Mrs. John E. Dunne, Mrs. G. A. Lotze, Mrs. Georges Truffaut, magnificent late yellow.

G. A. LOTZE, Glenburnie, Baltimore, Md.

Mention The Review when you write.

ROOTED ROSE CUTTINGS

Bride, Maid, Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000. Clean, strongly rooted stock.

Asparagus Plumosus, 2-in., $3. 3-in., $6 per 100.

Stock Mums White—Estelle, Kalb, Willowbrook, Eaton; Pink—Shaw, Duckham, M. Bailey, Enguehard, Dean; Yellow—Oct. Sunshine, Yellow Eaton, Whilldin, Bonnaffon, Wedding, 75c per doz.; $6.00 per 100, for about two weeks. Order at once. Nonin, $1 per doz. **W. H. Gullett & Sons, Lincoln, Ill.**

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER

1101 Fifth Ave. PEORIA, ILL.

Formerly Cation Greenhouse Co.

Mention The Review when you write.

ORCHIDS For Spring Delivery

March, April and May, **Vanda Coerulea** and **Dendrobium Wardianum Lowii.** We quote prices per 100 plants. **Cypripedium Callosum,** we shall have one shipment of 5,000 plants. For June or July delivery, we shall have the rare **Vanda Sanderiana** and can quote prices per single plant or in quantity.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

2½-in., 12c each; 3-in., 20c each; 4-in., 35c each. Very strong.

HENRY ERNST & SON, Washington, Mo.

Mention The Review when you write.

Unrooted Carnation Cuttings

Enchantress, Pink and White Lawson and New Daybreak, plants of which are in the best of perfect health, and none can surpass them, $6.00 per 1000.

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60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

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Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

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Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

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Chrysanthemum

By Arthur Herrington

Formerly president Chrysanthemum Society of America.

The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

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Good Stock, Excellent Values

4-inch pots, 5 to 6 inches high, 2 tiers.....$0.40 each
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4-in. pots, 3 plants in a pot, 15 inches high, $3.50 per dozen; $25.00 per 100.

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The best, thriftiest plants of this we have ever offered.

2¼-inch pots, 5 to 6 inches high, per doz., $1.50; per 100, $10.00; per 1000, $90.00.

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6-inch pots, 6 leaves, 24 to 28 inches high..$1 00 each
6-inch pots, 6 leaves 28 to 30 inches high.. 1.25 each
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12-inch tubs, 6 to 7 leaves, 8 to 10 feet high.15.00 each

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9-inch pots, 4 plants in a pot, 3½ feet high $4.00 each
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13-inch tubs, 4 to 6 plants in a tub, 5½ to 6 feet high, very bushy.....15.00 each

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6-inch pots, 6 leaves, 20 to 24 inches high...$1.00 each
6-inch pots, 6 leaves, 24 to 26 inches high... 1.25 each
6-inch pots, 6 to 7 leaves, 26 to 28 in. high.. 1.50 each
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7-inch pots, 6 to 8 leaves, heavy plants.....$1.00 each

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4-inch pots.....$4.00 per doz.; $30.00 per 100

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The following are all growing in light wooden tubs and are plants of good value:

2½ feet high.....$2.00 each
3½ feet high..... 3.50 each
4 to 4½ feet high..... 5.00 each
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Nicely characterized plants of this beautiful rare Palm, which undoubtedly is designed to be one of the most popular Palms of the future. 4-inch pots, 10 inches high, $1.00 each; 8-in. pots, 18 inches high, $3.50 each.

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Extra prime stock.

The best we have ever offered.

4-inch pots.....$5 00 per doz.; $40 00 per 100
5-inch pots..... 9 00 per doz.; 70.00 per 100
6-inch pots.....12.00 per doz.

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Dwarf, bushy, perfect plants.

As good as can be produced.

6-inch pots.....50 cents each

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Dwarf bushy plants, 6-inch pots.....50 cents each

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A grand lot of this, the finest of all the Ostrich Plume varieties. Bushy, well furnished, compact, 8-inch pans, $2.00 each.

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Our stock of Mixed Ferns, both in 2¼ and 3-inch pots, is at present in fine shape. We offer:

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A Grand Holiday Plant.

Handsome, perfect specimens, 24 to 30 inches high.....$3.00 each

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Nicely colored, perfect plants, of good value.

6-inch pots.....$1.00 each
7-inch pots..... 1.50 each
8-inch pots..... 2.00 each

BOXWOOD TREES, PYRAMIDAL SHAPED

Fine compact plants of excellent color.

30 to 36 inches high, 15 inches diameter at base.....$2 00 each
42 to 48 inches high, 15 to 18 inches diameter at base..... 2.50 each
48 to 50 inches high, 18 to 20 inches diameter at base..... 4.00 each
54 to 60 inches high, 20 to 22 inches diameter at base..... 5.00 each

STANDARD OR TREE-SHAPED BOXWOOD

Stems 20 to 24 inches high, crowns 12 to 14 inches in diameter....$1.25 each
Stems 20 to 24 inches high, crowns 14 to 16 inches in diameter.... 1.50 each
Stems 22 to 24 inches high, crowns 22 to 24 inches in diameter.... 3.00 each

BOXWOOD, BUSHY SHAPE.

12 to 15 inches high, bushy plants useful material for filling window-boxes and decorative work, $3.00 per dozen.

BAY TREES, LAURUS NOBILIS

We offer a recent importation of excellent values. Trees with dense bushy growth and of a rich dark green color.

PYRAMID SHAPED

3 feet high, 15 inches in diameter at base.....$3.00 each
4½ feet high, 24 to 26 inches in diameter at base..... 6.00 each
5 feet high, 26 to 28 inches in diameter at base..... 7.50 each
6 feet high, 30 inches in diameter at base.....10.00 each
6 feet high, 32 to 34 inches in diameter at base.....12.50 each
7 feet high, 38 to 40 inches in diameter at base.....15.00 each

STANDARD OR TREE-SHAPED

Stems 24 inches high, crowns 15 inches in diameter.....$2.00 each
Stems 30 inches high, crowns 24 inches in diameter..... 6.00 each
Stems 42 to 45 inches high, crowns 24 inches in diameter..... 6.00 each
Stems 42 to 45 inches high, crowns 26 to 28 inches in diameter.... 7.50 each
Stems 42 to 45 inches high, crowns 30 to 32 inches in diameter....10.00 each
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AUCUBA JAPONICA

A fine lot of bushy plants of this useful winter decorative plant.

Very bushy plants, 12 inches high.....30c each; $3.00 per doz.
Very bushy plants, 18 to 20 inches high.....40c each; 4.50 per doz.
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Elegant shapely specimens, very fine, 3 feet high.....$3.00 each.

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New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

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Carnation Cuttings

Leading varieties. Write for prices

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Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

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WASHINGTON.

The Market.

Thanksgiving trade, though devoid of any unusual features, was satisfactory. There was a good trade in chrysanthemums and violets, with considerable demand for roses and carnations. With the exception of carnations there was an abundance of stock of all kinds. The carnation situation is improving, though there is no surplus to be had. American Beauty, Killarney, Liberty, Richmond, Brides, Maids and Gates are all showing up well. Good Beauties bring $9 per dozen retail, the average price of tea roses being $2 per dozen. Enchantress carnations sell for $1 and $1.25 per dozen; Lawson, $1; New York violets go fast at $3 per hundred.

The Spencer Funeral.

A noteworthy funeral, from the designer's viewpoint, was that of Samuel Spencer, held at St. John's Episcopal church, Sunday, December 2. Mr. Spencer was president of the Southern railway and met death on his own road. A great part of the work went to J. H. Small & Sons, the Gude Bros. Co., and the Washington Florists' Co. Also a number of handsome pieces were executed by Geo. H. Cooke, J. R. Freeman, Z. D. Blackistone and Geo. C. Shaffer. Orders came from New York and other eastern points, but it is probable that the most elaborate work was executed on the orders of southern friends of the dead president. He was a native of that section and his life work had been its development through his railroad. The most expensive stock on the market was freely used in nearly all the pieces seen at the funeral; cattleyas, cypripediums, orchids, American Beauty roses and lily of the valley were in profusion.

Various Notes.

The advent of the congressmen has infused new life into all branches of business, not excepting the florists. Washingtonians are sometimes inclined to fret over the things congress will not do for them, but they are always ready to welcome it with feelings of thankfulness after the long, dull days of vacation.

The next monthly meeting of the Florists' Club will be ladies' night. All members have been requested to bring their lady friends, and with music and refreshments it is expected there will be a general good time. A. F.

We like the Review the best of anything in its line.—Curtis Floral Co., Hampton, Ia.

The New Ceramic Chrysanthemum

Stock plants, 20c each, while they last.
Also Bonnaffon, Chadwick, Jones and Nonin.

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CHRYSANTHEMUM Stock Plants

Mary Mann, $3.00 per doz. **C. Touset** and **Rio d'Italie,** $1.25 per doz.; $10 00 per 100. **Mrs. Kalb, Pacific, Estelle, Appleton, M. Bailey, Enguehard, Maud Dean, Merstham Yellow, T. Eaton White** and **Yellow Bonnaffon, Yellow Jones,** $1.00 per doz.; $5.00 per 100. 5,000 **Ivory,** $4.00 per 100.

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CARNATIONS ROOTED CUTTINGS FOR JANUARY, 1907 DELIVERY.

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink. $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

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A SAFE INVESTMENT

CARNATION HELEN GODDARD

Is filling all the claims of its introducers. A money-maker for all who plant it. Our stock is in excellent condition and only strictly A-1 cuttings will be sent out. Rooted cuttings ready Jan. 1, **$50.00 per 1000.**

Write for prices on other standard sorts.

GEORGE E. BUXTON, NASHUA, N. H.

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.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

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IMPERIAL

the variegated seedling carnation. A very early, free and continuous bloomer from October to July. A vigorous grower.

PINK IMPERIAL

Has the good qualities of Imperial. The color is a most pleasing shade of pink. Write for full description. **MY OWN ORIGINATION.**

Prices—Selected cuttings, delivery commencing in December, 1906. $2.50 per doz.; $12.00 per 100; $100.00 per 1000. 50 at 100 rate. 250 at 1000 rate. 5 per cent discount for cash with order.

The John E. Haines, scarlet for 1907, $6.00 per 100; $50.00 per 1000. Place your order at once.

John E. Haines, Bethlehem, Pa.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

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ABUNDANCE

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices—$5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

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Great Neck, L. I., N. Y.

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MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Enchantress

Unquestionably the grandest carnation ever introduced. For the past three years, cut flowers from my stock have wholesaled at an average advance of $1.00 to $3.00 per 100 over regular market quotations for fancy stock, owing to enormous size, perfect form and brilliant coloring. Over 35,000 cuttings of this variety sold last season with absolute satisfaction.

Orders booked now for December and later delivery. I guarantee my customers strong, healthy, thoroughly rooted cuttings; liberal count, careful packing, prompt shipment and the finest stock they ever saw. **$2.00 per 100; $18.00 per 1000.**

Price list of other varieties free.

SUNNYCREST GREENHOUSES

"Where the Carnations Grow." PHENIX, R. I.

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CYCLAMEN PERS. GIGANTEUM

Extra Fine Plants, in bud and bloom, large-flowering, 3-inch, ready to shift, $5.00 per 100; 4-in., $10 00; 5-in., well budded for Christmas, $15.00. **Primulas,** Chinese and Obconica, 3-in., $3.00; 4-in., in bud and bloom, $6.00.

Asparagus Plumosus Nanus, 3½-in., $8.00 per 100.

Cinerarias, 3-in., $3.00 per 100.

Samuel Whitton, 15-16 Gray Ave., Utica, N. Y.

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TO CARNATION GROWERS!

Imperial and Pink Imperial Carnation

HERE are two good ones for you, the former the beautiful variegated delicate pink ground spotted with deeper pink, the latter a Lawson shade of pink and both fancy varieties. They are vigorous growers, no grass and every shoot produces a flower. The supply of cuttings will be limited. You cannot well afford to be without some stock of these two excellent varieties. They should and undoubtedly will prove a most valuable asset to our collection of desirable commercial carnations, and growers who would be up-to-date must not be without them. I have watched carefully these two varieties for some time, and can fully vouch for their excellence.

Cut Blooms may be seen at my place, 43 West 28th St. Enough said.

The first batch of rooted cuttings will be ready December 15, 1906. Place your orders now and be assured of supply for next season. For further particulars regarding these two excellent commercial carnations,

ADDRESS

ALEXANDER J. GUTTMAN, The Wholesale Florist of NEW YORK, **43 West 28th St., or**

JOHN E. HAINES, Bethlehem, Pa., Originator

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Stock Mum Plants

WHITE—Kalb, Alice Byron, Robinson, Adelia, White Bonnaffon, Crawford, Timothy Eaton, Chadwick, Merry Christmas, Willowbrook, Wanamaker.
YELLOW—Col. Appleton, Halliday, Yellow Eaton, Major Bonnaffon, Whilldin, Rieman, Merstham Yellow, Sunrise.
PINK—McNiece, Perrin, Enguehard, Maud Dean, Pink Ivory.
RED—Intensity.
75c per doz.; $6.00 per 100. For limited time. This stock will have to be moved to make room. Order as soon as possible.

Poehlmann Bros. Co., MORTON GROVE, ILL.

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FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c; 5-in., 12½c., Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $2.00 per 100. Scottii, 3-in., 8c.
Asparagus Sprengeri, 2-in., $2.00 per 100.
Flowering Begonias, 8 kinds, 2-in., 2½c.
Rex Begonias, 3-in., 8c.
Double Daisies, Longfellow, Delicata, $2.50 per 1000.
Hardy Pinks, field, Essex Witch, Abbotsford, M. Gray, 3½c. **Double Hollyhocks,** field, 1-year, 4 colors, 3c. **Hardy Carnations,** nice, young plants from frames, assorted $2.00 per 100.
Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Heliotrope,** blue, 75c; **Verbena,** mixed, 60c; **Salvia,** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca,** varieg., 90c; $8.00 per 1000. Cash. **Umbrella Plants,** 2-in., $1.50 per 100. **Cyclamen Mixed Seedlings, Dreer's** best seed, $1.25 per 100, prepaid.

SHIPPENSBURG FLORAL CO.
Shippensburg, Pa.

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Ludvig Mosbaek, Onarga, Ill.

ASPARAGUS Plumosus Nanus and Sprengeri, 4-in., $8.00; 3-in., $5.00; 2¼-in., $2.50; 2-in., $2.00 per 100.
FERNS—Boston, Piersoni, Anna Foster and Sword. 2¼-in. and 3-in., $3.00 and $6.00 per 100; 6-in. $4.00, 8-in. $12.00, 10-in. $25.00 per doz.
150,000 CANNAS—In 35 leading varieties, true to name. Send list for special quotations. Descriptive list and price list mailed free, or see Florists' Review of Nov. 1, page 1585.
List of 50,000 hardy perennial Herbaceous plants, field and pot-grown.

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STOCK MUMS

Wm. Simpson, Polly Rose, Glory of Pacific, White and Pink Ivory, Major Bonnaffon, Robt. Halliday, Maud Dean, Adelia, Viviand-Morel, Lavender Queen, Yellow Jones, Queen, Silver Wedding, Geo. W. Childs, Dr. Enguehard and Alma (Pink Pompon), 75c per doz.; $5.00 per 100.
Asparagus Sprengeri, extra strong,
3-in.....$5.00 per 100
Dracaena Indivisa, strong, 3-in..... 6 00 per 100
" " " 4-in.....12.00 per 100
" " " 6-in.....50c each
Nephrolepis Bostoniensis, strong, 6-in..50c each
" **Scottii,** strong, 5-in.....35c each
" " " 6-in. pans..50c each
" " " 8-in. pans.$1.00 each

All are pot-grown and good value.

JOHN WALKER
YOUNGSTOWN, OHIO

SMITH'S

CHRYSANTHEMUM MAMUAL

By ELMER D. SMITH

Revised Edition—A complete practical treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

98 Pages. 32 Illustrations
Forty Cents Postpaid

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One of the Finest Gifts for the Holidays is a Beautiful Plant

Fine Well-Grown Plants of

TARRYTOWN FERN

Nephrolepis Piersoni Elegantissima

makes one of the finest plants for a holiday gift that we know of. We sell large quantities of these at retail among our local customers, and there is nothing more profitable or satisfactory for Christmas sales than a few of these nice plants. We can offer fine selected specimens in all sizes, from medium sized plants in 6-inch pans up to immense elegant specimens in 10-inch pans, suiting all purses and all classes of trade. Order early and have the stock on hand where you can show it. You will find nothing more satisfactory or profitable. We can supply fine plants as follows: Fine plants. 6-in. pans, 75c and $1.00 each—according to size. Fine specimen plants, 8-in. pans, $1.50 and $2.00 each—according to size. Very fine specimen plants, 10-inch pans, $3.00 each; large specimens, 12-in. pans, $5.00 each; extra large specimens, 14-in. pans, $7.50 each; still larger specimens, 16-in. pans, $10.00 each.

Also young stock for growing on, $12.00 per 100.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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MADISON, N. J.

The November meeting of the Morris County Gardeners' and Florists' Society was postponed one week in order to give the members a chance to return from the various places where they had gone to exhibit. Twenty members were present and reported themselves satisfied with the share of honors they had secured. The main business consisted of the nomination of officers. R. Vince and R. M. Schultz were nominated for the presidency, Percy Herbert for vice-president. Our veteran treasurer, not being in good health, sent word that he would prefer being relieved from the burdens of office. Resolutions of regret were adopted. William Charlton and William Duckham were nominated for this office, and E. Reagan for secretary.

Mr. Vince had a vase of White Perfection carnations which secured a cultural certificate. Mr. Totty had a dozen Mariam Hankey. They were the best pinks we have seen this year. By request, Mr. Totty, at the next meeting, will tell us how the new chrysanthemums showed up at the recent exhibitions.

One new member was elected and three others were proposed. R.

Enclosed find $1 for another year's subscription to the Review. The paper pleases me beyond measure. I can find in the advertisements what I want. A single number is often worth a dollar to me in handling my bulbs. I congratulate you on being able to furnish so much information and reading matter for the price.—S. S. Bailey, East Paris, Mich.

Rooted ROSE Cuttings

AMERICAN BEAUTIES,	per 100,	$3 00;	per 1000,	$25.00
KAISERIN	"	2.50	"	20.00
CARNOT	"	2.50	"	20 00
LA DETROIT	"	2.50	"	20.00

Chrysanthemum Stock Plants

The Best Commercial Varieties. $10.00 per 100, as follows:

WHITE	YELLOW	PINK
Bergmann	Monrovia	Shaw
Touset	Halliday	Enguehard
Alice Byron	Roi d'Italie	Morel
Buckbee	Yellow Eaton	Cash
Adelia	Appleton	Liger
Majestic	Golden Wedding	Marion Newell
Nonin		

BASSETT & WASHBURN

Office, 76 Wabash Ave., Chicago. Greenhouses, Hinsdale, Ill.

Mention The Review when you write.

New Single Geranium SYCAMORE

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Vigorous grower, of dwarf habit and a continuous bloomer. Trusses measure from 6 to 8 inches in diameter. Unexcelled as a bedder. Has been grown by us and thoroughly tested for the past 4 years. Write for descriptive circular. Orders booked now for 2½-in. pots at $2.00 per doz.; $15.00 per 100.

ST. CLAIR FLORAL CO., A. S. Halstead, Pres. Belleville, Ill.

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CHRYSANTHEMUM NOVELTIES

THIS YEAR I have to offer once more a splendid lot of new varieties. Among them will be found in whites:

MISS CLAY FRICK, the white sport of Wm. Duckham, winner of the Frick prize at Chicago.

Mrs. A. T. Miller, Moneymaker, Kathleen Stoop.

IN PINKS—Miss Mariam Hankey, Mrs. Walter Jenks, etc.

IN YELLOW—Mary Godfrey, Mrs. Geo. Hunt, Norman Davis, Buttercup, etc.

Also J. W. Moreman, Mrs. Henry Barnes, W. J. Crossley and many others.

I offer young stock for delivery early in the new year. 50 new varieties of Singles, the latest craze. Send for my complete list issued Dec. 1.

CHARLES H. TOTTY, Madison, N. J.

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Chrysanthemum

STOCK PLANTS

Clementine Touset, October Chadwick, the best of all the earlies, long stems, fine blooms, easy to grow, a moneymaker. **Jeanne Nonin,** Thanksgiving white, will stand for the holidays. **Golden Age,** a real golden yellow. **Mrs. Buckbee,** grand white. **Yellow Duckham,** one of the best yellows. All strong, stock plants, $1 00 per doz.; $7.00 per 100.

Polly Rose, best early, **Ben Wells, Robinson, Alice Byron, Appleton, Golden Wedding, Silver Wedding, Dr. Enguehard,** 75c per doz.; $5.00 per 100.

Cash please, satisfaction guaranteed.

CRITCHELL'S

Avondale, Cincinnati, Ohio

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MUMS

STOCK PLANTS

Rosiere, pink	$1 50 per doz.
Amorita, pink	1.00 per doz.
Monrovia	.75 per doz.
Merstham Yellow	1.00 per doz.
Omega	.75 per doz.
C. Touset	1.00 per doz.
Mme. Bergmann	.75 per doz.
Willowbrook	.75 per doz.

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Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

We are still booking orders for January delivery of

POCAHONTAS

If yours is not among them, better send it in at once; or still better come and see it growing. It will please you with its fine color and floriferousness. It is open for inspection any time. Always in bloom. Always in crop. $12.00 per 100; $100.00 per 1000. We also have the best of last spring's introductions, including **ROSE-PINK ENCHANTRESS, WHITE PERFECTION and VICTORY.** Our new list will be out about January 1. Send for it by mailing us a postal with your name and address.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Orders now booked for rooted cuttings of

CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

Mum Stock

Polly Rose, Mme. Bergmann, Opah, Yellow Bonnaffon, White Bonnaffon, J. K. Shaw, Mrs. Robinson, October Sunshine, Pink and White Ivory, $4 00 per 100. Eaton, Willowbrook, Minnie Bailey, Maud Dean, Col. Appleton, $6.00 per 100.

Crabb & Hunter Co., Ltd., Grand Rapids, Mich.

Mention The Review when you write.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR SPECIALTY Get our figures

83-91 Plymouth Place, **CHICAGO**

Mention The Review when you write.

DETROIT.

The Market.

A favorable report about business is heard from all quarters. Thanksgiving business was a little better than in 1905, but it did not amount to enough to call for a raise in prices. Most of the local growers realized this last year. A few tried to get a fancy price for carnations this Thanksgiving, but found it would not work. All the good stock on the market sold well, and a few Enchantress carnations brought $5 per hundred. The few violets handled in this city were sold by Thanksgiving noon. Good flowers are at a premium at present. The chrysanthemum season being practically over, we must now fall back on carnations and roses. Some varieties of mums are unusually late this year, and, if good flowers, they meet with ready sale. Roses are nothing extra; the Bridesmaids are off color. Carnations are the most satisfactory flowers at present. A great many Rhinebeck violets are seen. Most of the violets grown in this vicinity are singles. Paper White narcissi and Romans have again put in their appearance, but do not sell readily. Romans are almost too expensive to use in funeral work. Cosmos and valley are daily arrivals, as a great many of the latter are used.

Various Notes.

The Michigan Cut Flower Exchange is handling some extra fine Enchantress. They have long, stiff stems and are perfect flowers, the product of Robert Klagge's greenhouses.

Herman Dasher, of Ecorse, Mich., is branching out into the florist's business. The first two houses are in course of construction, 20x90 and 10x90 respectively.

Albert Sylvester, of the Michigan Cut Flower Exchange, has just received a visit from the stork. It is a girl.

Fred Miesel has an exceptionally fine lot of cyclamen.

William Hielscher, of the Hielscher Wire Works, reports a steady increase over last year's business.

Visitors: John B. Goetz, Saginaw; F. J. Farney, with the A. L. Randall Co., Chicago; Harry Bunyard, New York. H. S.

HAVE dropped all others in preference to the REVIEW.—ISAAC HUSBANDS, Bellevue, O.

I CAN always find time to read the REVIEW, no matter how busy.—JOHN LAWRENCE, Ogdensburg, N. Y.

FERNS FROM BENCH

BOSTON—Ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Carnations

1500 Norway, extra large, healthy plants, $3.50 per 100; $30.00 per 1000.

Asparagus.....

Heavy 2½-in. plants, ready for a shift.

Sprengeri, extra fine $3.00 per 100; $25.00 per 1000

Jerusalem Cherries, 3½-in., $4.00 per 100. Now in bloom. These plants are ready for 5-in.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

Geraniums FROM 2-INCH POTS, READY FOR IMMEDIATE DELIVERY.

ALLIANCE, Lemoine 1905. Hybrid, (Ivy and Zonal) semi-double, lilac white, upper petals feathered and blotched crimson maroon, 25c each; $2.00 per doz.
FLEUVE BLANC, the semi-double Bruant, that promises to become the standard white, flowers and foliage equal to Alph. Ricard, $1.50 per doz.; $10.00 per 100.
CACTUS GERANIUMS, four varieties, petals curled and twisted similar to the Cactus Dahlia. $2.00 per doz.; $15 00 per 100.
DOUBLE DRYDEN, $1.00 per doz.; $5.00 per 100.
S. A. Nutt, Le Pilote, Beaute Poitevine, Mme. Barney, Centaure. Miss Kendell, Mme. Jaulin, Jean Viaud, Mme Charotte, 40c per doz.; $2.00 per 100; $18.00 per 1000.
Ville de Poitiers, Marquise de Castellane, Berthe de Presilly, M. Jolly de Bammeville, Thos. Meehan, 50c per doz.; $3.00 per 100; $25.00 per 1000.
Send for Geranium Catalogue. Let us figure on your future supply.
ALTERNANTHERAS, red and yellow, $2.00 per 100; $15.00 per 1000.
HARDY ENGLISH IVY, $2.00 per 100; $15.00 per 1000.
SMILAX, $2.00 per 100; $15.00 per 1000.
RUBBERS, good stock from 4-in. pots, $2.00 per doz.; $15.00 per 100.
COLEUS, LEMON VERBENAS, 40c per doz.; $2.00 per 100.
AGERATUM, Inimitable, giant blue, 75c per doz.; $4.00 per 100.

VEGETABLE PLANTS

CABBAGE, Early Jersey and Charleston Wakefield, Succession and Early Summer, $1.25 per 1000; $8.50 per 10,000.
LETTUCE, Grand Rapids, Big Boston and Boston Market, $1.00 per 1000; $8.50 per 10,000.
PARSLEY, moss curled, $1.25 per 1000.
A cordial invitation is extended to all interested in Horticulture to visit us, Cowenton Station, Philadelphia division, B. & O. R.R., 12 miles north of Baltimore.

R. VINCENT, Jr., & SON, White Marsh, Md.

Mention The Review when you write.

Asparagus

Asparagus Plumosus, 3-inch, $6.00 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00.
Boston Ferns, 8-inch, $1.25 each.
Pierson Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 5c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Alice Byron, Pearson, Halliday, Robinson, Appleton, Et. Bonnefond, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

2½-in.	**Asparagus Plumosus**	$3.00 per 100
3-in.	**Asparagus Sprengeri**	4.00 per 100
2-in.	**Hibiscus,** in variety	2.50 per 100
2-in.	**Flowering Begonias**	2.50 per 100
2-in.	**Boston Ferns**	3.00 per 100
2-in.	**Tarrytown Ferns**	5.00 per 100
2-in.	**Scottii Ferns**	4.00 per 100
3-in.	" "	6.00 per 100
4-in.	" "	10.00 per 100

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

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BEGONIA

GLOIRE DE LORRAINE

Fine Stock all in bloom { 4-inch, $5.00 per doz. 8-inch, 3 00 per doz.

Boston Ferns, { 8-inch pans..$1.50 each; $15.00 per doz. 6-inch pans.. .50 each.

A. JABLONSKY, Wellston, St. Louis, Mo.

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Always mention the Florists' Review when writing advertisers.

WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.
Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.
Phoenix Canariensis, 2-in., $1.00 per doz.
Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.
Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100; $25.00 per 1000.
Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.
Boston Ferns, 5-in.....$3.00 per doz.
" " 6-in..... 6.00 per doz.
" " 7-in..... 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.
Pteris Wimsetti, 3-inch, 75c per doz
Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Asparagus Plumosus Nanus	4			$1.25	
Asparagus Plumosus	2				$3.00
" "	3				5.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				5.00
" "	4			1.25	
" "	5			2.00	

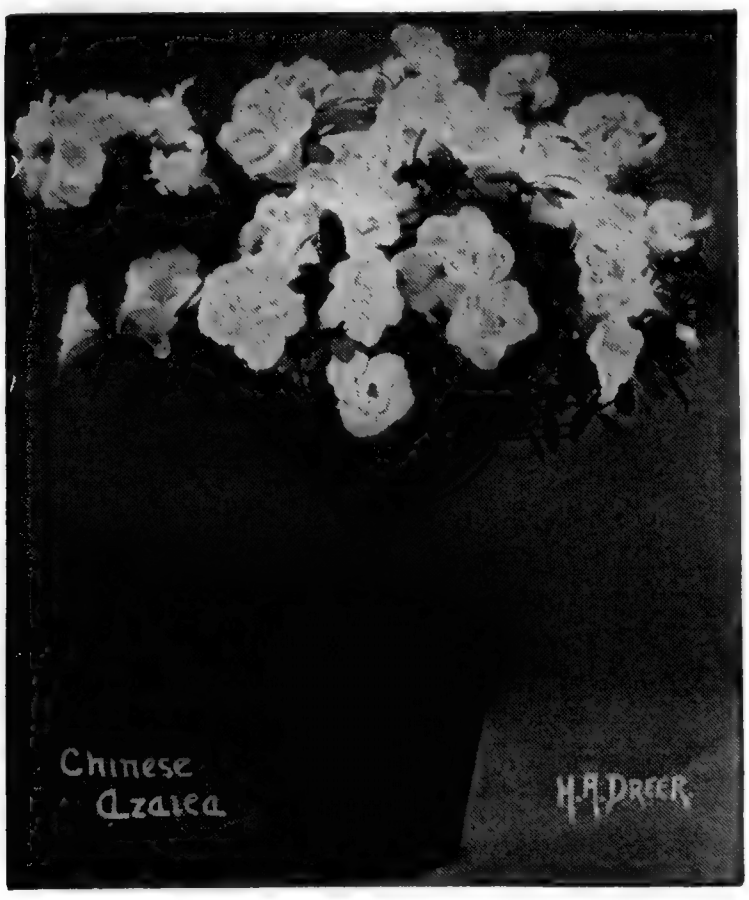
Aucuba Japonica, 3½-ft., fine plants, $1.50 each.
Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.
Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.
Box Trees, 12 to 18 inches high, $4 20 per doz.
Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz., 7-inch, $1.00 each.
Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz: 2-inch, $1.25 per doz.
Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.
Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

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Azaleas For Forcing

We can still furnish a fine lot of well budded plants at import prices for immediate delivery. We offer a full assortment of standard varieties.

	Per doz.	Per 100		Per doz.	Per 100
8 to 10-inch crowns	$3 25	$25.00	12 to 14-inch crowns	$6.00	$45.00
10 to 12-inch crowns	4.50	35.00	14 to 16-inch crowns	7.00	55.00
			16 to 18-inch crowns	12.00	90.00

A fine lot of plants of exceptionally good value in the following varieties, 18 inches in diameter at $18.00 per doz.

Deutsche Perle — **Simon Mardner** — **Niobe**
Empress of India — **Mme. Vander Cruyssen** — **Apollo**
Bernard Andre Alba — **De Schryveriana** — **Emperor of Brazil**

A nice lot of specimen plants, 18 to 20 inches in diameter at $2.00 each:

Mme. Camille Van Langenhove **Empress of India** **Simon Mardner**
Niobe **Bernard Andre Alba** **Mme. Vander Cruyssen**

A grand lot of specimen plants of **Mme. Vander Cruyssen,** 20 to 22 inches in diameter at $2.50 each.

Place your orders for Azaleas now as we will not carry any in stock after Jan. 1.

HENRY A. DREER

714 Chestnut St., PHILADELPHIA, PA.

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...Wholesale Trade List...

Asparagus Plumosus, seedlings, ready for pots, $1.00 per 100; $8.00 per 1000.
Asparagus Plumosus, 3-in. pots, $5.00 per 100.
Asparagus Plumosus, 2½-in. pots. $3 00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100. 3 in. pots, 75c per doz.; $5.00 per 100.
Paris Daisy, strong, 3-in. pots, $4.00 per 100.
Yellow Daisy Etoile d'Or, 3 in. pots, $5.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Ferns for dishes, fine assortment, 2-in. pots, $3.00 per 100.
Boston Ferns, strong, 6-in. pots, $3.00 per doz.
Geranium stock plants grown in pots: **La Favorite,** double white; **Telegraph; John Doyle, Queen of the West, S. A. Nutt,** scarlet; $1.00 per doz.
Hydrangeas Thos. Hogg, fine field-grown plants, $10.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

Mention The Review when you write.

FERNS

Piersoni and **Elegantissima,** from bench, 50c
Runners—**Piersoni,** 3c; **Elegantissima**....5c

ASPARAGUS

Plumosus and **Sprengeri,** 6-in.....20c
" " 3½-in..... 5c

BEGONIAS—Good varieties mixed, 5-in.....15c

All first-class stock. Wi l exchange for 2½-in. Geraniums. Send me your list.

SHEARER, the Florist, Winchester, Ky.

Mention The Review when you write.

PANSIES of a Superior Strain

Vinca Minor, $3.00 per 100 to close out.
Dracaena Indivisa, strong, 4-in., $10.00 per 100.
Geraniums, 2½ in. pots, S. A. Nutt, A. Ricard, Jean Viaud, Beaute Poitevine. White Swan, $2.00 per 100: $18.00 per 1000. Cash or C. O. D.
Giant-flowering, stocky, $3 00 per 1000

C. F. MAHAN, R. D. 8, DAYTON, OHIO

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WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN

Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

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Spiraeas, Azaleas, Rhododendrons, Etc.

Spiraea Japonica.....$4.00 per 100
Spiraea Nana Compacta..... 4.00 per 100
Azalea Indica, fine list early and late varieties, Simon Mardner, Empress of India, Niobe, Prof. Wolters, Mme. Vander Cruyssen, Helen Thelemann.....
10 to 12-inch crowns.....$35.00 per 100
12 to 14-inch crowns..... 45.00 per 100
14 to 16-inch crowns..... 55 00 per 100
16 to 18-inch crowns..... 90.00 per 100
Azalea Mollis, bushy, well budded seedlings:
12 to 15 inches high.....$25.00 per 100
15 to 18 inches high..... 35 00 per 100
Spiraea Ast. Floribunda.....$4.25 per 100
Spiraea Gladstone..... 6.50 per 100
Rhododendrons, bushy, perfectly shaped plants of leading forcing varieties:
18 to 20 in. high, full of buds.$9 00 per doz.
20 to 24 in. high, full of buds.12.00 per doz.
Latania Borbonica, strong, 4-in.....$15.00 per 100
Kentia Belmoreana, 5-in., bushy..... 60.00 per 100
Nephrolepis Elegantissima, 2¼-inch pots..... 5.00 per 100

The Storrs & Harrison Co. PAINESVILLE, OHIO.

Mention The Review when you write.

10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in., $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4 in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

CASH PLEASE.

BENJ. CONNELL, West Grove, Pa.

Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

Mention The Review when you write.

Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

Mention The Review when you write.

10,000 FERNS

(Very Strong.)

	Per Doz.	Per 100
Piersoni, 5-inch	$3.50	$25.00
" 4-inch		10.00
" 3-inch		5.00
Scottii, 5-inch	4.00	30.00
" 4-inch		15.00
" 3-inch		8.00
Boston, 5-inch	3.50	25.00
" 4-inch		10.00
" 3-inch		5.00
Rubber Plants, 6-inch		35.00
" " 5-inch		25.00
" " 4-inch		20.00
1000 Hardy Ivy, 18-in., 3-inch pots		5.00
1000 Asparagus Sprengeri, 2½-in. pots,		3.50

J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

PRIMROSES

Obconica Alba and Rosea, $1.50 per 100; $12.00 per 1000.

ASPARAGUS

Plumosus Nanus, 2¼-in. pots, $18.00 per 1000.....$2.00 per 100
Pansy Plants, large-flowering, $3.00 per 1000; 50c per 100. CASH.

JOS. H. CUNNINGHAM, Delaware, Ohio

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PITTSBURG.

The Market.

Thanksgiving week was one to be remembered among the trade as the best of any. Everyone was busy. Social functions of all kinds seemed to be doing double turn and the decorators were worked almost to death. This with the usual trade for Thanksgiving day, dinner-table pieces and bouquets for the more modest and unpretentious made up the great volume of business which was done.

There was no scarcity of flowers of any kind. Violets which up to this time seemed scarce, were abundant and sold at from $1.25 to $1.75 per hundred. Roses were good and enough for all. Carnations were more plentiful, although much of the stock was not up to the mark in quality. But chrysanthemums, which are the principal flower for this holiday, were here in such quantities as were never seen before. All kinds were to be had, from good and bad to worst. Some of the growers sent in scraps of rags which made the wholesale men blush to show them, and, while good small mums realized a fair price, the weak-stemmed ones were sold to the sparrows or went to the dump and realized almost as much cash one place as the other. Among the wholesale men there is a sigh of relief to think the mums are over for another season, as, at the prices a great deal of the stock sold for this year, it did not pay to pack the stock in cases where it had to be shipped, tne boxes costing almost as much as the stock.

Various Notes.

The Pittsburg Cut Flower Co. has bought out Fred Ruch, the wire worker, who has made most of the floral designs in this city, and employed the men who have been doing the work for Mr. Ruch. They expect to push this branch of the business, and as Pittsburg has the reputation of making the best designs in the country, success is assured.

Tom McCormack, of the Pittsburg Florists' Exchange, has been wearing his head done up in bandages as a result of a meeting with some bad Pittsburg hold-up men.

The green goods men are getting busy with moss, boxwood and laurel. Little pine is to be seen so far and indications are that it will be a scarce article this year.

Hoo-Hoo.

Enclosed please find $1 for another year's subscription. The Review has given us good satisfaction and we think it is the best on the list.—Weber Bros., Ironton, O.

Araucaria Excelsa, 5-in. pot, 50c and 75c each, three to four tiers; 5½-in. to 6-in., $1.00, $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00 to $3.50.

Asparagus Plumosus, 4-in. pots, $1.50 per doz.; 4½-in. pots, $2.00 per doz.; extra large in 4½-in. pots, $3.00 per doz.

Asparagus Sprengeri, $5.00 per 100.

Azaleas in bloom, 75c to $20.00 each.

Begonia Gloire de Lorraine, $6.00, $9.00, $12.00 and $18.00 per doz. Also some larger plants.

Begonia Gloire de Lorraine, wire hanging baskets, $2.00, $3.00, $4.00 each, can be planted to order.

Cyclamen Persicum, $4.00, $6.00, $9.00 and $12.00 per doz.

A limited number of large plants made up in pan, $1.50 and $2.00 each.

Superb Boxwood, just arrived, perfectly shaped.

Bushes for window boxes, 12 to 20 in. high from top of root ball, 75c a pair; 24 in. high, $1.00 a pair.

Pyramids, 3 ft. high, $2.50 and $3.00 a pair; 4 ft. high, $3.00 and $4.00 a pair; 4 ft. 6 in. high, $5.00 a pair; 5 ft. high, $7.00 a pair.

Boston Ferns, 5-in. pots, $3.00 per doz.; 6½-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50 and $3.00 each. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair.

Dracæna Fragrans, 6-in. pots, $6.00 per doz.; 7-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.

Dracæna Indivisa, 4-in. pots, $10.00 per 100; 5½-in. pots, $20.00 per 100.

Erica Fragrans, $1.50, $2.00 to $5.00 each.

Cash or satisfactory New York references.

Erica Regerminans, 75c, $1.00, $1.50 each.

Fruited oranges, $1.00, $1.50, $2.00 each, some at $5.00 each.

Epacris alba, $3.00 per doz.; larger plants, 5½-in. pots, $1.00, $1.25 each.

Ardisia crenulata, berries well colored, $6.00, $9.00, $12.00, $15.00 and $18.00 per doz.

Scottii Fern, 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz.

N. Elegantissima, 5½-in. pots, $5.00 per doz.

N. Whitmani, 4½-in. pots, $6.00 per doz.

N. Piersoni, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

English Ivy, 4½-in. pots, $2.00 per doz.; $15.00 per 100, 3 to 4 ft. high.

Jerusalem Cherries, $4.00, $5.00, $6.00 per doz.

Kentia Forsteriana, combinations 3 and 4 plants in 8-in. pots, $1.50 to $3.00; 10-in. pots, $6.00 each; 14-in. pots, $15.00 to $20.00 each. Single plants, 50c to $2.00 each.

Kentia Belmoreana and Forsteriana, all sizes, single and combinations, from $1.00 to $20.00 each. Give us a trial.

Livistona Sinensis, superior to Latania Borbonica, 5-in. pots, $5.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

Pandanus Veitchii, 5-in. pots, $4.00 per doz.; 6-in. pots, $9.00 per doz.

Poinsettias in pans, low plants, $1.00 to $2.00 each.

Primula Obconica, $2.00 per doz.

Roman hyacinths in bloom, $2.50 per box.

Rubbers, 6-in. pots, $6.00 per doz.; 6½-in., branched, $9.00 per doz.; 6½-in. pots, single stem, $8.00 per doz.; 7-in. pots, branched, $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

Cash or satisfactory New York references.

Anton Schultheis

19th St. and 4th Ave., College Point, N. Y.

Mention The Review when you write.

AZALEAS

For Christmas. $1.00, $1.25 and $1.50 each.
Celestial Peppers, 5-in., 25c; 7-in., 50c and 8-in., $1.00 each.
Jerusalem Cherries, 5-in., 25c; 6-in., 50c each.
Romans, 5-in., 25c each.
Paper Whites, 5-in., 25c each; 6-in., 40c each.
SPECIAL—Fifty 10-inch **Bostons**, worth $4.00, for $2.50 each or $25.00 for a dozen.

FOR CHRISTMAS

A very fine lot of **Elegantissima, Barrowsii, Piersoni, Scottii, Whitmani** and **Boston Ferns**, in 4 5 and 6-in. pots.
Chinese Primroses, 4-in., $12.50.
Primula Obconica, 4-in , $12.50.
Baby Primroses, 4-in , $12.50.
Rex Begonias, 4-in., $15.00.
Write us for new price list.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

POINSETTIAS

To close, 2½-in., $4.00 per 100.
Hydrangeas, 2½-in.....$3 00 per 100
" 4-in., pot-grown, $8.00 to 10.00 per 100
" 5-in., pot-grown ..... 20 00 per 100
Variegated Vincas, 2-in..... 2.50 per 100
Begonia Sandersoni, 2½-in.... 3.00 per 100

Mum Stock Plants

C. Touset, Early White.....$1.00 per doz.
The following at $1.00 per doz.; $6.00 per 100:
Pink, Glory Pacific, A. J. Balfour, Wm. Duckham, Viviand-Morel, Maud Dean. **White**, Alice Byron, Polly Rose, Ivory, White Jones. **Yellow**, Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.

CASH WITH ORDER.

S. N. PENTECOST
1790-1810 101st St., N. E., CLEVELAND, O.

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

Mention The Review when you write.

Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

A Great Bargain

in **Boston Ferns** to clean them out at the following low prices, extra fine plants, out of 6-in., $40.00 per 100; 5-in., $20.00 per 100; 4-in., $12.00 per 100; 3-in., $7.00 per 100. **Rubber plants**, 5-in., $2.50 per doz. **Violets**, Princess of Wales, $4.00 per 100. CASH PLEASE.

CONVERSE GREENHOUSES, WEBSTER, MASS.

Bay Trees,

BOX TREES and
Choice EVERGREENS
for outside decorations

BOBBINK & ATKINS
Rutherford, N. J.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

CYCLAMEN

From Seed Bed

75,000 Cyclamen Giganteum Persicum seedlings left, in 5 separate colors which we offer at the low price of $1.00 per 100; $8.00 per 1000; $75.00 per 10,000. STOP; don't think because we offer our seedlings cheap they are cheap quality, for the seed of this strain in small quantities sells at $5.00 per 1000 seeds.

Order at once from

D. U. Augspurger & Sons

Box 778, PEORIA, ILL.

Mention The Review when you write.

Blooming Plants for Christmas

Cyclamen, in full flower, with plenty of buds showing, 5-inch.....$15.00 per 100
4-inch, in bud..... 10.00 per 100
Primula Primrose and **Obconica,** in full flower, 4-in.....$1.00 per doz.; $6.00 per 100
Azaleas, in flower.....50c and 75c each
Araucarias, 3 tiers.....40c each
" 4 tiers.....50c each
Rubbers. 18 inches high, 25c each; $20.00 per 100
Asparagus Sprengeri, 4-inch... 5.00 per 100
Cinerarias, 2¼-inch..... 2.00 per 100
" 3-inch..... 3.00 per 100

C. WHITTON, CITY STREET, UTICA, N. Y.

Mention The Review when you write.

Orchids

28 HOUSES.

Imported, Semi-established,
ESTABLISHED and FINE HYBRIDS
Stove and Greenhouse Plants.

Inspection invited. Correspondence solicited.

JULIUS ROEHRS CO., Rutherford, N. J.

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ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

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Orchids From Philippines

Phalaenopsis Schilleriana, we are ready to give quotations upon plants with 1 to 3 leaves, per 100 plants, or upon sound plants without leaves, per 100 plants, for immediate delivery, F. O. B. Hamburg.

A. HELD, 11-19 William St., NEW YORK

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ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

Mention The Review when you write.

Verbena King

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.
Worlds of other rooted cuttings later on.
MUM stock plants, 75c per doz; $5.00 per 100.

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

Prepare For . . . CHRISTMAS

An immense stock of CHOICE CHRISTMAS PLANTS are now ready for immediate shipment. PRICES SLAUGHTERED ONE-HALF.

Is it possible to sell **Araucaria Excelsa,** 4 years old, 18 to 23 inches high, 5 to 6 tiers, for 75c? **Yes!**

ASCHMANN DOES IT!

Great Prosperity is in sight for us all; why not for you? A little fortune lays in front of your door; grab it now when you have a chance. Look at others; see how successful they are. Why? Because they are wide-awake, they watch every opportunity and take advantage of bargains. A big demand is in sight for the holidays for the much-admired Decorative Plants.

Araucaria Excelsa, Araucaria Excelsa Glauca and **Araucaria Compacta Robusta.** Where have you thought of buying them? Surely from a man who makes a specialty of importing araucarias and who can offer you Bargains. Godfrey Aschmann is the man. He has had the reputation for the last ten years of being the great IMPORTER and DEALER in araucarias of America. Prices are slaughtered one half. Never have been offered so low in the history of araucaria cultivation. Why is that? Simply for the reason to

Obtain Room for the Cultivation of Our Great Easter Stock.

About 5,000 araucarias, together with an immense stock of ferns, palms, rubbers, Gloire de Lorraine begonias, azaleas and thousands of other plants which must be sold by Christmas.



No home complete without an Auracaria.
It always was and always will be the pet of decorative plants.

It decorates the parlors of Kings and Emperors.

TAKE NOTICE!

Araucaria Excelsa, Glauca, Compacta, Robusta, only spring importations are offered raised in pots all summer and can be shipped safely.

Araucaria Excelsa, 5½-in. to 6-in. pots, 18 to 23 inches high, 5 to 6 tiers, 4 years old, 75c; 6-in. pots, 23 to 25 inches high, 5 to 7 tiers, 4 years old, $1.00; 6 to 7-in. pots, 25 to 30 inches high, 5 to 7 tiers, 4 years old, $1.25; 7-in. pots, specimen plants, $1.50, $1.75, $2.00.

Araucaria Compacta Robusta—Have several thousand of them; can supply all wants. These plants were never so fine in shape and condition as this year. The pet of the greenhouse. 6-in. pots, 3 tiers, 20 to 25 inches across, 12 to 18 inches high, 3 years old, $1.00 to $1.25; 6 to 7-in. pots, 4 to 5 tiers, 18 to 25 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, specimens, 6 to 7 tiers, 25 to 30 inches high, 5 years old, $2.00 to $2.50.

Araucaria Excelsa Glauca—This variety on account of its beautiful green-bluish tiers, dwarf habit, fine compact shape, gives it a striking appearance, and anybody seeing them, must undoubtedly fall in love with them at sight. 6-in. pots, 3 tiers, 20 to 30 inches across, 14 to 20 inches high, 3 years old, $1.00 to $1.25; 6 to 7 in. pots, 4 to 5 tiers, 20 to 30 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, 5 tiers, 30 to 35 inches high, 5 years old, specimen plants, $2.00 to $2.50. These plants are as broad as long and the finest you ever saw.

Cocos Weddelliana, 15c.

Areca Lutescens, 5-in. pots, 24 in. high, made-up with 3 plants, 35c; 4-in. pots, 20 to 24 in. high, made-up with 3 plants, 25c each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each; 4-in. pots, made-up plants, 3 plants in a pot, 18 to 25 inches high, 25c, 30c, 35c.

Ficus Elastica or Rubber Plants, 6-in. pots, 25 to 30 inches high, 40c to 50c.

Areca Sapida, just imported from Belgium, something new, very attractive, looks like a Kentia, 25 in. high, 50c each.

Asparagus Plumosus Nanus, 4-in. pots, large bushy, 10c to 12c.

Holly Ferns, 2½-in., 5c.

FERNS, all raised in pots and not on benches as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Ferns for dishes. 3-in., 6c; 2½-in., 5c.
Nephrolepis Elegantissima, 5-in. pots, 30c.
Asparagus Sprengeri, 4-inch pots, 10c.

Jerusalem Cherries (or Solanum), 6 to 7-in. pots, very bushy, full of berries, from $3.00 to $6.00 per dozen.

Dracaena Bruanti (imported), 30 in. high. 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

Cyclamen, will bloom for Christmas, 4-in. pots, 12c.

Chinese Primroses, 5¼-in., very strong in bud and bloom, for now and Xmas, $2.00 per doz.

Begonia Gloire de Lorraine, 6-in. pots in bud and bloom, for now and Xmas, 50c to 75c each.

Hydrangea Otaksa, only pot-grown is offered, sure success for Easter-forcing, 6-in. pots 25c; 7 to 8-in., 50c.

Begonia Flambeau, sells on sight, 4-in., ready for a shift into 6-in., 20c.

Begonia Erfordii, new improved, blooms all winter through, 4-in., 20c; 5¼-in., 25c.

Azalea Indica, for Christmas blooming, now ready; forced in bud and bloom and stored away in cold houses. Have all the leading varieties, such as Deutsche Perle, double white; Simon Mardner, double pink; and Vervæneana; double rose variegated, very large flowers. Price, 60c, 75c, $1.00, $1.25 and $1.50 each. In the smaller sizes we have mostly white and a portion of the white must be taken with the colored.

In **Azaleas** for Easter blooming, we have only the best American varieties, such as Mme. Van der Cruyssen, Bernard Andre Alba, Simon Mardner, Empress of India, L. Van Houtte and many others. Price 35c, 40c, 50c, 75c, $1.00 and $1.50.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., **PHILADELPHIA, PA.**

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 214

ABUTILONS.

Abutilons, 2-in., $2.50 100. Cash.
Howard & Smith, Los Angeles, Cal.

ADIANTUMS.

Adiantum cuneatum, 2, 3 and 4-in., 3c, 5c and 8c. N. Studer, Anacostia, D. C.

Adiantum Farleyense, large plants, $18.00 doz. Cash. J. A. Peterson, Westwood, Cincinnati, O.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum, new, very dwarf, Little Blue Star, R. C., $1.00 per 100, mailed.
Ludvig Mosbaek, Onarga, Ill.

Giant blue ageratum, 75c doz.; $4.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternanthera brilliantissima, large stock plants from bench, $2.00 per 100. Yellow and versicolor, rooted cuttings, by mail, 50c per 100.
Eden Nurseries, Port Allegany, Pa.

Alternanthera brilliantissima, original stock, finest red of all, 65c 100. A. nana, 60c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, $2.00 100; $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

ALYSSUM.

Double alyssum, rooted cuttings, 50c 100; $3.00 1000. H. Stabenow, Reading, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Kiehm's Nurseries, Arlington Heights, Ill.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ARDISIAS.

Ardisias, well berried for Christmas, all sizes, 75c to $3.00 each.
Julius Roehrs Co., Rutherford, N. J.

ASPARAGUS.

Asparagus plumosus, 2-in., $3.00 100; 3-in., $6.00 100. Plumosus nanus, 4-in., $1.25 doz. Sprengeri, 2-in., $3.00 100; 3-in., $6.00 100; 4-in., $1.25 doz.; 5-in., $2.00 doz. A. scandens deflexus, 3-in., $1.25 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
J. Sylvester, Florist, Oconto, Wis.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00. 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Asparagus plumosus, 2½-in., $3.00; 2-in., $2.00; 3-in., $5.00 100. Seedlings from flats, $1.00 100, $8.00 1000. Sprengeri, 2-in., $2.00 100. C. Eisele, 11th & Roy, Phila., Pa.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus plumosus nanus, good 9-foot strings, 40c. Lighter ones, 25c. Cash with order, please. Can ship promptly.
R. Kilbourn, Clinton, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri plants. Nice plants just as they come from the flats, $6.00 per 1000 plants; 500 at 1000 rate.
B. H. Haverland, Pleasant Run, Ohio.

Extra fine Asparagus plumosus, 2½-in., ready for 4-in., $3.00 100; or will exchange for 3-in. cyclamen. J. H. Krone, Jr., Fort Smith, Ark.

Asparagus plumosus nanus and Sprengeri, 2½-in., $3.50; 3-in., $5.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Asparagus plumosus nanus, strong, 2-in., $2.00 100; $18.00 1000; 250 at 1000 rate.
H. D. Fogg, Zanesville, O.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus nanus, 4-in., 10c to 12c. Sprengeri, 4-in., 10c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus plumosus, 2½-in., $3.00. Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus plumosus and Sprengeri, 6-in., 20c; 3½-in., 5c.
Shearer, The Florist, Winchester, Ky.

Asparagus Sprengeri, 3-in., 6c; extra strong, 4-in., 12c.
Byron H. Ives, Albuquerque, N. Mex.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Sprengeri, 5-in., extra strong plants, $10.00 per 100. Fifth Ave. Floral Co., Columbus, O.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00 100. W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 3-in., extra strong, $5.00 100. John Walker, Youngstown, O.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus Sprengeri and A. plumosus, 2-in., $2.00 100. Byer Bros., Chambersburg, Pa.

Asparagus plumosus, strong, 4-inch, $6.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Asparagus Sprengeri, 3½-in., $4.00 per 100. Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Asparagus plumosus nanus, 2-in., 2c. Cash. Shippensburg Floral Co., Shippensburg, Pa.

Asparagus plumosus nanus. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus plumosus. See display adv.
Jos. H. Cunningham, Delaware, O.

Asparagus nanus, 2-in., $2.00 per 100.
U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, 2½-in., $3.50 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Asparagus plumosus, 3-in., 5c.
N. Studer, Anacostia, D. C.

ASPIDISTRAS.

Aspidistras, 6 to 7-in. pots, 8 to 15 leaves. Variegated, 10c leaf; green, 5c leaf. Cash.
Theo. Edwards, 478 Irving Ave., Bridgeton, N. J.

Aspidistras, green; 6 to 7-in., 6 to 12 leaves, 5c per leaf.
W. J. & M. S. Vesey, Fort Wayne, Ind.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

AUCUBAS.

Aucuba japonica, 3½ ft., $1.50 each.
Wittbold Co., 1657 Buckingham Pl., Chicago.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azaleas for forcing. We can still furnish a fine lot of well budded plants at import prices for immediate delivery. A full assortment of standard varieties is offered in our display adv.
H. A. Dreer, 714 Chestnut St., Phila.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

Azaleas, in bloom, 75c, $1.00, $1.25 and $1.50 each. Baur Floral Co., Erie, Pa.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

Bay trees and box trees, standards and pyramids.
Wittbold Co., 1657 Buckingham Pl., Chicago.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready Dec. 15, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, Flambeau and Erfordii. Display adv. gives description and prices. G. Aschmann, 1012 Ontario St., Phila.

Begonia Gloire de Lorraine, in bloom, 6-in. pots, $1.00 each; 7-in. pots, $1.50 each.
Bentzen Floral Co., Grand Ave., St. Louis, Mo.

Begonia Gloire de Lorraine, 4-in., $5.00 doz.; 3-in., $3.00 doz. All in bloom.
A. Jablonsky, Wellston, Mo.

Begonia Argenteo-guttata, 2½-in., $3.00 100. Cash. Howard & Smith, Los Angeles, Cal.

Flowering begonias, 2-in., 2½c. Rex, 3-in., 8c. Cash. Byer Bros., Chambersburg, Pa.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

Begonias, good var., mixed, 5-in., 15c.
Shearer, The Florist, Winchester, Ky.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Begonia Sandersoni, 2½-in., $3.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

Begonias, 5-in., in bloom, 10c.
N. Studer, Anacostia, D. C.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers and Jerusalem cherries, strong, stocky plants, full of fruit and bloom, 5-in. pots, $8.00 100.
H. O. Hannah & Son, Sherman, Tex.

Christmas cherries, extra fine, shapely plants, heavily fruited, 20c, 25c and 35c.
L. E. Marquisee, Syracuse, N. Y.

Jerusalem cherries, pot-grown, 4-in., $10.00; 5-in., $15.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Jerusalem cherries, very bushy, 6 to 7-in., $3.00 to $6.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Peppers, fine for Christmas, 3-in., 10c.
Fuhlbruegge Bros., Winona, Minn.

Jerusalem cherries, 3½-in., $4.00 100.
J. W. Dunford, Clayton, Mo.

BULBS.

Amaryllis Belladonna, small, $1.00 and $2.00; medium, $4.00; large (monster), $5.00 per 100. Amaryllis Aulica, large, $10.00. Amaryllis formosissima, large, $3.00; choice hybrid seedlings, large, $20.00 per 100.
Theodosia B. Shepherd Co., Ventura, Cal.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

White Roman hyacinths, a few cases, 13 to 15, $28.00 per 1000. Nothing better to be had.
J. L. O'Quinn & Co., Raleigh, N. C.

Early forcing bulbs, ready now. Prices are given in display adv. Write for trade list.
Currie Bros. Co., Milwaukee, Wis.

Amaryllis Johnsoni, blooming bulbs, $7.00 per 100; extra size, $10.00 per 100.
C. W. Bakewell, Gretna, La.

Importers and growers of high grade bulbs. Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Superfine, single mixed tulips, 60c 100; $4.50 1000. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill.

CANNAS.

Cannas. Alphonse Bouvier, Pennsylvania, Partinope, Paul Marquant, Florence Vaughan, Alemannia, divided, $12.00 per 1000. We are booking orders now for spring delivery out of 2½-in. pots for the above cannas; also for roses, ferns and Vinca var. Write for list and prices. Fairview Floral Co., Beatty, Ohio.

150,000 cannas, 35 standard leading var., true to name. Descriptive list and prices mailed free. Send list for special quotation.
Ludvig Mosbaek, Onarga, Ill.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

Cannas. Send for list.
N. Smith Son, Adrian, Mich.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

MELODY, the original Daybreak sport from Mrs. Lawson, is a MONEY-MAKING CARNATION. Produces just as well, sells just as well, ships better and lasts longer than Enchantress. Stock in good healthy condition. Cuttings ready December 15, $10.00 per 100; $75.00 per 1000. Send in your order now.
QUALITY IS OUR HOBBY.
W. C. HILL FLORAL CO., Streator, Illinois.

Carnation Imperial, the variegated seedling, and Pink Imperial, the pink seedling, my own origination. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000; 5% discount for cash. December, 1906, delivery.
John E. Haines, Bethlehem, Pa.

Place your order now for January delivery of rooted carnation cuttings of Robt. Craig, Lady Bountiful, N. Fisher, P. Lawson, Enchantress, Harlowarden, and Aristocrat. Every cutting guaranteed. Andrew Peterson, Hoopeston, Ill.

Carnation Pocahontas (crimson), to be disseminated next winter. Price, $12.00 100; $100.00 1000. Write us.
Baur & Smith, Indianapolis, Ind.

Carnations, rooted cuttings for January, 1907, delivery. Place your order now for varieties listed in display adv.
F. Dorner & Sons Co., La Fayette, Ind.

Enchantress, strong, healthy rooted cuttings, $2.00 100; $18.00 1000. Price list of other varieties free.
Sunnycrest Greenhouses, Phenix, R. I.

Rooted carnation cuttings for immediate delivery. Display adv. gives list of varieties and prices. Loomis Carnation Co., Loomis, Cal.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000. Jan. delivery.
S. S. Skidelsky, 824 N. 24th St., Phila.

Mabelle, the new pink carnations for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Field-grown carnations. Queen and Harlowarden, $5.00 per 100, $45.00 per 1000.
The Parker Greenhouses, Norwalk, O.

Carnation Helen Goddard. Orders booked for rooted cuttings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000. January delivery.
Rudolph Fischer, Great Neck, N. Y.

Unrooted carnation cuttings, healthy stock. See display adv.
C. Whitton, City St., Utica, N. Y.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Carnation Helen Goddard, rooted cuttings ready Jan. 1, $50.00 1000.
Geo. E. Buxton, Nashua, N. H.

Well rooted carnation cuttings, healthy. Write for price list, terms, etc.
Hermitage Carnation Co., Loomis, Cal.

Carnation cuttings. Leading varieties. Write for prices. Wm. Winter, Kirkwood, Mo.

Carnations. Norway, large, healthy, $3.50 100; $30.00 1000. J. W. Dunford, Clayton, Mo.

CHRISTMAS PLANTS.

FOR CHRISTMAS.
Begonia Gloire de Lorraine, 4-in. pots, 30c; 3-in., pots, 20c.
Jerusalem cherries, strong, very bushy, full of fruit, 6-in. pots, 15c; 5-in. pots, 10c; 4-in. pots, 8c per plant.
CASH WITH ORDER.
RIVERVIEW GREENHOUSES, Lewisburg, Pa.

Christmas plants. See our offer in display adv. Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM STOCK PLANTS.
NEW VARIETIES, $3.00 PER DOZ.

Morton F. Plant	Mrs. J. Dunne
Mrs. Swinburne	Mrs. G. Heaume
Mrs. G. Beech	Mrs. Judson
C. Montigny	T. Richardson
Old Gold	Mrs. Partridge

LAST YEAR'S VARIETIES, $1.00 PER DOZ.

Mrs. Duckham	Gen. Hutton
Roi d' Italie	Mrs. F. J. Taggart
Merstham Yellow	S. de Calvat Pere
Dr. Galloway	Revell de Begle
C. Touset	Matchless
Lord Hopetoun	Jeanne Nonin
Cheltoni	P. Radaelli
G. Hamilton	

OLD VARIETIES, 50C PER DOZ.

Monrovia	O. Sunshine
R. Halliday	Pink Ivory
White Ivory	Glory Pacific
Estelle	Col. Appleton
Mrs. Buckbee	Sunburst
Mounier	P. Plumridge
Alliance	M. Bonnaffon
G. Chadwick	W. A. Chadwick
Mrs. Robinson	Viviand-Morel
Mutual Friend	W. Bonnaffon
Yellow Eaton	White Eaton
Leila Filkins	Mrs. Thirkell
G. Wedding	Cash with order.

M. WEILAND, Evanston, Ill.

Good strong chrysanthemum stock plants, $3.00 per 100.
Yellow and White Fitzwygram.

Omega	Robt. Halliday
G. Kalb	J. Shrimpton
Monrovia	Bride
Florence Teal	Ivory
Polly Rose	Cullingfordii
Wm. Duckham	Ermenilda
Glory of Pacific	Dr. Enguehard
Mildred Ware	Nagoya
Mutual Friend	Arline
White Bonnaffon	W. H. Lincoln
Fred Lemon	Nellie Pockett
Beauty of Sussex	Alliance
Yellow Eaton	Mrs. P. Brice
Mrs. Chamberlain	La Fusion

White and Yellow Jones.
Wm. Ehmann, Corfu, N. Y.

WE WANT TO GET RID OF THESE STOCK MUMS, merely to get the room. AS AN INDUCEMENT WE WILL SLAUGHTER 5000 at these rates: Polly Rose, Merstham Yellow, Robinson, Appleton, Duckham, Enguehard, Nellie Pockett, Leila Filkins, White and Yellow Bonnaffon, Maud Dean, Yellow Eaton, $3.00 per 100; $20.00 per 1000. Undivided stools. No less than 50 at 100 rate or 250 at 1000 rate.
NOVELTIES: Alice Byron, C. Touset, Jeanne Nonin, Roi d' Italie, $5.00 per 100. Stock limited. Order quick.
CASH.
HARLOWARDEN GREENHOUSES,
GREENPORT, N. Y.

Chrysanthemum stock plants. C. Touset, white, $1.25 per doz.; $10.00 per 100. Jeanne Nonin, white, 25c each; $3.00 per doz. Wanamaker, white, 4c each; $3.00 per 100. Major Bonnaffon, yellow, 4c each; $3.00 per 100. T. Eaton, white, 4c each; $3.00 per 100. Yellow Eaton, 4c each; $3.00 per 100. W. H. Chadwick, white and yellow, 6c each; $5.00 per 100. Polly Rose, 4c each; $3.00 per 100. October Sunshine, yellow, 4c each; $3.00 per 100. Omega, yellow, $1.00 per doz.; $7.00 per 100. Cash. Math. Evert, 58-60 Wabash Ave., Chicago.

Chrysanthemum stock plants, $6.00 per 100. White—Opah (early), Timothy Eaton, H. Robinson, Arline, Ivory, Mrs. Henry Weeks, Polly Rose, Convention Hall. Pink—Dr. Enguehard, Marie Liger, Minnie Bailey, Henry Frick, A. J. Balfour, John Burton, Pacific, Mrs. Coombes. Yellow—Monrovia (early), R. Halliday, O. P. Bassett. Light yellow—Col. Appleton, Golden Wedding, Nagoya.
The Ohio Cut Flower Co., Cleveland, O.

10,000 fine White Ivory chrysanthemum clump plants for sale, $4.00 per 100; $35.00 per 1000. Cash with order. G. W. Renard, Avondale, Pa.

Chrysanthemum stock plants. Nonin, Mrs. Buckbee, Mrs. Baer, Wm. Duckham, Golden Wedding, 75c per doz. Appleton, Chadwick, Parr, Ivory, Pink Ivory, Intensity, J. K. Shaw, Bonnaffon, Monrovia, Maud Dean, Mrs. J. Jones, G. Kalb, Mrs. Robinson, Mrs. Perrin, Niveus, Rieman, S. Beauty, Snow Queen, Timothy Eaton, Yellow Eaton, 60c per doz.; $4.00 per 100.
Andrew Bather, Clinton, Iowa.

Chrysanthemum stock plants. Monrovia, Pacific, Estelle, Halliday, White Ivory, Appleton, Enguehard, Yellow and White Eaton, Queen, White Bonnaffon, Elmer D. Smith, V.-Morel, Blackhawk, $4.00 per 100. Yellow and White Chadwick, Merchant's Yellow, $6.00 per 100. Touset and Nonin, $7.00 per 100.
Fifth Ave. Floral Co., Columbus, O.

Stock plants of Alice Byron, Mrs. Weeks, Robt. Halliday, Golden Wedding, Gold Mine, Mrs. Perrin, Honesty, Maj. Bonnaffon, Nellie Pockett, Mrs. Coombes, Arline, Wm. Duckham, 50c per doz.; $4.00 per 100. Will exchange for hardy phlox, iris, peonies, roses or any stock we can use. The Newburys, Mitchell, So. Dak.

Chrysanthemum stock plants. Enguehard, Liger, White Cloud, Chamberlain, Bonnaffon, P. Rose, P. Radaelli, Ivory, Modesty, Y. Eaton, extra heavy, $4.00 100. Rooted cuttings of Fidelity, October Frost, $5.00 100; J. Nonin, $2.50 100. Order now.
F. Shearer & Son, Binghamton, N. Y.

Stock plants. Touset, Nonin, the money-makers as we have found them, 75c per doz.; $5.00 per 100; $40.00 per 1000. Pacific, Estelle, Willowbrook, Halliday, Kalb, L. Harriett, 60c per doz.; $4.00 per 100.
Eggeling Floral Co., St. Louis, Mo.

Chrysanthemums, stock plants, 50c per doz. as long as they last. White—Ivory, Jerome Jones, Bonnaffon, T. Eaton. Yellow—Bonnaffon, Golden Wedding, Cheltoni, Col. Appleton. Pink—Dr. Enguehard.
Jas. J. Curran, Salem Conservatories, Salem, Va.

Chrysanthemum stock plants of the following varieties, $4.00 per 100. Kalb, Glory of Pacific, Polly Rose, Pink Ivory, White Ivory, Wm. Duckham, Maud Dean, Marie Liger, Dr. Enguehard, A. J. Balfour, Alice Byron and R. Halliday. W. H. & C. B. Newman, Akron, N. Y.

Chrysanthemum stock plants. Clementine Touset, $1.50 per doz.; $12.00 per 100. Golden Chadwick and W. H. Chadwick, $1.00 per doz.; $8.00 per 100. Jeanne Nonin, $1.50 per doz.; $12.00 per 100.
F. R. Hills, 1000 N. 8th Ave., Maywood, Ill.

Strong, healthy, chrysanthemum stock plants. 50 Appleton, 100 White Chadwick, $4.00 per 100. 150 Richardson, 250 Maud Dean, 50 Mrs. H. Robinson, 125 Marion Newell, $3.00 per 100. Cash with order. W. C. Scovell, Malta, Ohio.

Chrysanthemum stock plants. Bonnaffon, White Bonnaffon, Maud Dean, Wanamaker, Chadwick, 75c per doz.; $5.00 per 100.
Aug. Erickson, 688 W. Foster Ave., Chicago.

Chrysanthemum stock plants. The Queen, a fine, early white, will bloom Oct. 15, $5.00 per 100. Also several other good kinds.
Jas. Hain, 2250 W. 51st Pl., Chicago.

Chrysanthemum stock. Pink Ivory, Enguehard, Bonnaffon, $2.50 100; $20.00 per 1000; 1000 in the 3 varieties, $20.00.
Ley & Bickings, Good Hope, D. C.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

Chrysanthemum stock plants. List of standard varieties and prices are given in display adv. Eli Cross, Grand Rapids, Mich.

Chrysanthemum stock plants. 1000 Jeanne Nonin, finest late white, $7.00 per 100. Cash with order. Wm. Keir, Pikesville, Md.

Our new chrysanthemum list of novelties is ready. We should like to send you a copy.
The E. G. Hill Co., Richmond, Ind.

Chrysanthemum stock plants. Leading varieties and prices are given in display adv.
S. N. Pentecost, 101st St., Cleveland, O.

Chrysanthemums, large stock plants. Varieties and prices are given in display adv.
J. A. Budlong, 37 Randolph St., Chicago.

Chrysanthemum stock plants, $4.00 and $6.00 100. See display adv. for varieties.
Crabb & Hunter Co., Grand Rapids, Mich.

Stock chrysanthemums, 75c doz.; $6.00 100. Varieties are given in display adv.
W. H. Gullett & Sons, Lincoln, Ill.

Chrysanthemum stock plants, white, yellow, pink, red, 75c doz.; $6.00 100.
Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum stock plants. Varieties and prices given in display adv.
Wm. Swayne, Kennett Square, Pa.

Chrysanthemum stock plants. Display adv. gives varieties and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Blooming plants for Christmas. See display for what I have to offer.
C. Whitton, City St., Utica, N. Y.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

CHRYSANTHEMUMS—Continued.

Last call for mum stock. See display adv. for varieties.
G. A. Lotze, Glenburnie, Baltimore, Md.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, 75c doz.; $5.00 100. C. Humfeld, Clay Center, Kan.

Stock chrysanthemums, 75c doz., $5.00 100.
John Walker, Youngstown, Ohio.

CINERARIAS.

Cinerarias, finest strain from best English growers, 2-in., $1.50 per 100; 3-in., $3.00 per 100. E. Fryer, Johnstown, Pa.

Giant cinerarias, Benary's, 2¼-in., $2.50 100. Cash. Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias Columbian mixture, strong, 2-in., 2c. Stover Floral Co., Grandville, Mich.

Cinerarias, prize strain, 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cinerarias, 2-in., $2.00 per 100.
J. W. Miller, Carlisle, Pa.

Cinerarias. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

CLEMATIS.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, fine varieties, 2c. R. C., 60c; mail, 70c 100. A. J. Baldwin, Newark, O.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

Coleus, 40c doz., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

CROTONS.

Crotons, 3-in., $5.00 100.
Springfield Floral Co., Springfield, O.

CYCAS.

Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

CYCLAMEN.

Cyclamen giganteum, separate colors, well grown, 3½-in., $10.00; 4-in., $15.00 per 100. Cash, please. Hugo Book, Worcester, Mass.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

Dahlias, 85 varieties from 4c to 75c per clump; some very rare ones. Large undivided field clumps, pure and true to name.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias, named varieties, many rare. Send for list. Adams Supply Co., Lowell, Mass.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

DAISIES.

Daisies, fine stock. Cash prices.

Etoile d'Or, R. C., per 100	$1.50
Etoile d'Or, 2½-in., per 100	2.50
Queen Alexandra, 2-in., per 100	2.50
Queen Alexandra, 2½-in., per 100	3.00
Queen Alexandra, R. C., per 100	1.50

Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Paris daisy, 3-in., $4.00. Etoile d'Or, 3-in., $5.00 100. C. Eisele, 11th & Roy, Phila., Pa.

Shasta daisies, field-grown divisions, $2.50 100.
Leedham Bulb Co., Santa Cruz, Cal.

Dbl. daisies, $2.50 100. Cash.
Byer Bros., Chambersburg, Pa.

Yellow daisies, 4-in., 6c.
Rutledge Nurseries, Rutledge, Pa.

DECORATIVE PLANTS.

DECORATIVE PLANTS for the holidays. See Dreer's SPECIAL OFFER. It will interest you.
H. A. Dreer, Philadelphia, Pa.

DRACÆNAS.

400 Dracaena indivisa, strong, 4-in., pot-grown, 32 in. high, ready for 5-in.; $12.00 per 100. Cash with order.
F. E. Bauers, 89 Broadview Ave., Brooklyn, Sta., Cleveland, O.

Dracaena indivisa, strong, 3-in., $6.00; 4-in., $12.00 100; 6-in., 50c each.
John Walker, Youngstown, Ohio.

Dracaena fragrans and indivisa. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 4-in., $10.00 100.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

FERNS.

FERNS OUR SPECIALTY.
CIBOTIUM SCHIEDEI.
We have a grand stock of this magnificent tree fern in all sizes, 3-in. pots, $25.00; 4-in. pots, $45.00; 5-in. pots, $70.00 per 100 plants; 7-in. pots, $1.70 each; 8-in. pots, $2.50 each.
Assorted ferns from 2¼-in. pots, all the best market varieties, $3.00 per 100, $25.00 per 1000 plants; 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2-in. pots, $3.50; 4-in. pots, $12.00 per 100. A. rhodophyllum, 4-in. pots, $25.00 per 100. A. Lathomi, 4-in. pots, $20.00 per 100. A. reginum, 4-in. pots, $35.00 per 100.
Fern spores gathered from our own stock plants, 35c per trade pkt.; $4.00 per doz. packets.
ANDERSON & CHRISTENSEN, Short Hills, N. J.

Ferns. Bostons from bench, 2½-in., 2½c; 3-in., 5c; 6-in., 25c; 8-in., 40c. Pots, 2½-in., 3c; 4-in., 12c.
Piersoni, 3-in., 8c.
Barrowsii, from bench, 3-in., 5c; 4-in., 15c; 6-in., 40c. Pots, 4-in., 20c.
A. J. Baldwin, Newark, Ohio.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

Pteris magnifica, Pteris serrulata cristata, Pteris albo-lineata, Pteris Wimsetti and Pteris Ouvrardi, $3.00 per 100, $25.00 per 1000.
Boston, Scottii and Piersoni ferns, 3-in. $8.00, 4-in. $15.00, 5-in. $25.00, 6-in. $40.00 per 100.
J. F. Wilcox, Council Bluffs, Ia.

Boston ferns, fine, large, 4-in., pot-grown, $12.00 per 100. From bench, for 4-in., $10.00 per 100, $90.00 per 1000; for 5 and 6-in., $20.00 per 100. Elegant stock in A1 condition. Cash with order.
F. W. Heckenkamp, Jr., Quincy, Ill.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

Boston, Piersoni, Elegantissima, Scottii, Whitmani and holly ferns. Sizes and prices of varieties are given in display adv.
Springfield Floral Co., Springfield, O.

Ferns for ferneries, all the best varieties, extra fine stuff, 3c. Western florists: Buy here and save express charges.
W. W. Seekins, Duluth, Minn.

Ferns for fern dishes. All the leading varieties, from 2 and 2½-in. pots, $3.00 per 100; $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

1000 Boston and Piersoni ferns, 5 and 6-in., low and must be sold. See my display adv. in this issue. Benj. Connell, West Grove, Pa.

At your own price in all sizes. We meet all legitimate quotations in this column. Catalogue No. 3. POLLWORTH CO., Milwaukee, Wis.

Assorted ferns for dishes, 2¼-in. pots, strong, healthy plants, $3.00 per 100; $25.00 per 1000.
Frank N. Eskesen, Madison, N. J.

Ferns. Elegantissima, 4-in., 25c; 5-in., 40c. 2½-in., $7.00 per 100. All pot-grown and full.
C. W. Bakewell, Gretna, La.

Boston ferns, fine, bushy, pot-grown, ready for a shift, 5-in., 20c; 6-in., 40c. Cash.
Katherina Daut, 825 N. Water St., Decatur, Ill.

Fine Boston ferns from bench, $5.00 and $10.00 per 100. Satisfaction or money back.
U. G. Harglerode, Shippensburg, Pa.

Ferns. 10,000 Piersoni, Scottii and Bostons. All sizes. See display for prices.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Boston and Scottii ferns, 50c to $1.50 each. Cash. J. A. Peterson, Westwood, Cincinnati, O.

Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
Janesville Floral Co., Janesville, Wis.

Boston ferns, from 4-in. to 6-in. pots, 10c to 35c. Cohanzie Carnation Greenhouses, New London, Conn.

Boston ferns, 6-in., $40.00; 5-in., $20.00; 4-in., $12.00; 3-in., $7.00 100. Cash.
Converse Greenhouses, Webster, Mass.

Nephrolepis Bostoniensis and Scottii. See display adv. for sizes and prices.
John Walker, Youngstown, O.

Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
J. W. Dunford, Clayton, Mo.

Boston ferns, 8-in. pans, $1.50 each, $15.00 doz.; 6-in. pans, 50c each.
A. Jablonsky, Wellston, Mo.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns. Piersoni runners, 3c; Elegantissima, 5c. From bench, 50c.
Shearer, The Florist, Winchester, Ky.

To clear bench. 1000 Boston ferns ready for 2-in. pots, fine, 5c.
J. Ed. Smith, R. 3, Box 18, Greensboro, N. C.

Boston, Piersoni, Tarrytown and Scottii ferns. See display adv.
Byer Bros., Chambersburg, Pa.

Ferns for dishes, 2-in., $3.00 100. Boston, 6-in., $3.00 doz.
C. Eisele, 11th & Roy, Phila., Pa.

Ferns in all varieties and sizes. See display adv. for prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Ferns, all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Nephrolepis Elegantissima, 2½-in., $5.00 100.
Storrs & Harrison Co., Painesville, Ohio.

Nephrolepis Whitmani, 2¼-in., $25.00 100.
H. H. Barrows & Son, Whitman, Mass.

Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Scottii ferns, 5-in., $25.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Ferns for dishes, best varieties.
H. H. Berger & Co., 47 Barclay St., N. Y. City.

Ferns. Write for our new list.
Geo. A. Kuhl, Pekin, Ill.

Boston and Piersoni ferns.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Ferns. See display adv.
National Plant Co., Dayton, O.

FUCHSIAS.

Fuchsia Little Beauty, strong 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Double fuchsias. R. C., 60c 100; $5.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

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ABOUT FERNS.

It is remarkable that a genus, which up to a few years ago had given so few variations as did the nephrolepis, should now prove so prolific both in seedling varieties, and also sports. The latest addition we have is a bipinnate form of N. cordifolium, says a writer in the Horticultural Advertiser. This was raised from spores by Prickett & Sons, Enfield Highway, London, England. Several plants appeared among a large batch of the ordinary cordifolium. I saw the plants at the nursery some weeks ago, and noted that all of those that had broken away from the type were of exactly the same habit. This fern certainly well deserved the award of merit which was given. T. Rochford & Sons recently showed one of the most beautiful forms which we have had since the introduction of N. Piersoni from America, the fronds being short and broad, and the multiple pinnules overlapping each other and slightly twisted. This was given a first-class certificate. Piersoni, though a beautiful fern, has not sold so well in the market as might have been expected, but the above being a more compact habit should prove more useful. N. Elegantissima, an American variety which was shown at the Temple by W. J. Godfrey, is another of the same type, having broad tripinnate fronds and long narrow pinnules. From H. B. May & Sons we had N. exaltata superba. This also gained a first-class certificate. As shown it was perfect in form, the fronds standing up well, with a sufficient curve to give them elegance, all the side pinnules regularly crested, making a most elegant plant for decorations. Nephrolepis Scottii, which came from America about two years ago, is a good fern; it may best be described as a compact form of exaltata. I saw beautiful plants of this at May & Sons', a few weeks ago, but it has not yet been seen in any quantity in the market.

With the nephrolepis much depends on cultural treatment, grown under heavy shade, and in a close, moist atmosphere, they make rapid progress, but the fronds are soft. Hang them up close to the glass, give little shade, and not too much heat, and they make short hard fronds which will stand well when used for decorations; under the two different treatments they appear to be quite distinct ferns. They are getting better known now, but a few years ago they were regarded by many as being too tender to be of service for ordinary decorations, now we see them used for baskets hanging out under balconies and in other exposed positions, and it is remarkable how well they stand exposure.

PENTAS CARNEA.

Introduced over 60 years ago, it is surprising that this plant, whose cultural requirements are of the simplest, should be so much neglected by the majority of present-day gardeners. Pentas carnea Quartiniana is an improvement on the type, and is the one most usually grown. Cuttings of the young growths inserted in sandy soil, and placed in a little heat, make roots readily at any time; but, if inserted in the spring, good plants for autumn and winter flowering may be obtained. When rooted they should be hardened off and grown on during the summer in cold frames, removing them to the greenhouse before the cold weather arrives. They are not fastidious as to soil, a light, loamy mixture suiting them perfectly. Six-inch pots are large enough for all ordinary purposes, and good, useful plants may be grown in 4-inch pots, provided attention is given to the watering and feeding of the plants. The plant is of a somewhat straggling habit, and should be pinched occasionally. A few light fumigations will keep down fly, which otherwise is apt to be troublesome.—Gardeners' Chronicle.

I WANT to thank the REVIEW for the many orders it has brought me.—S. J. MCMICHAEL, Findlay, O.

OGDENSBURG, N. Y.—John Lawrence has completed two houses of King construction 21x100. One house is planted to roses, the other to carnations and, although planted late, both are showing up fine. He has also built a new brick boiler-house and installed a forty-five horse-power steam boiler, heating a block of old houses of about 10,000 feet of glass as well as the new ones. Trade is good. Mums are about cleaned up.

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LIQUID FORM 45 per cent Nicotine, FOR SPRAYING.

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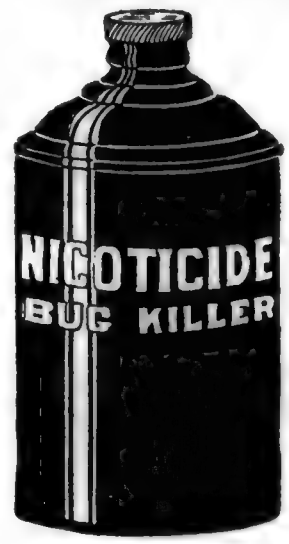
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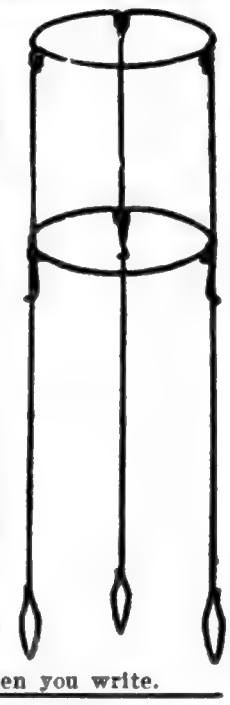


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A. & C. PEARSON
Lowdham, Nottingham, England

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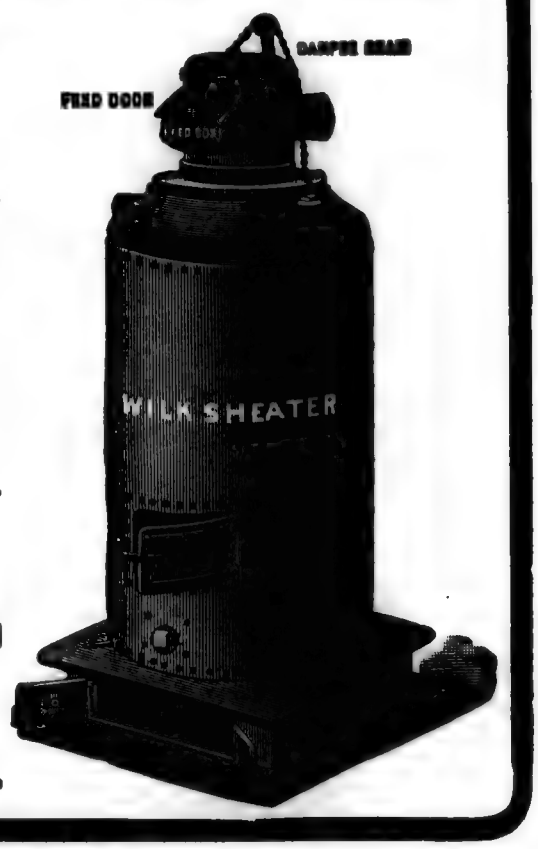
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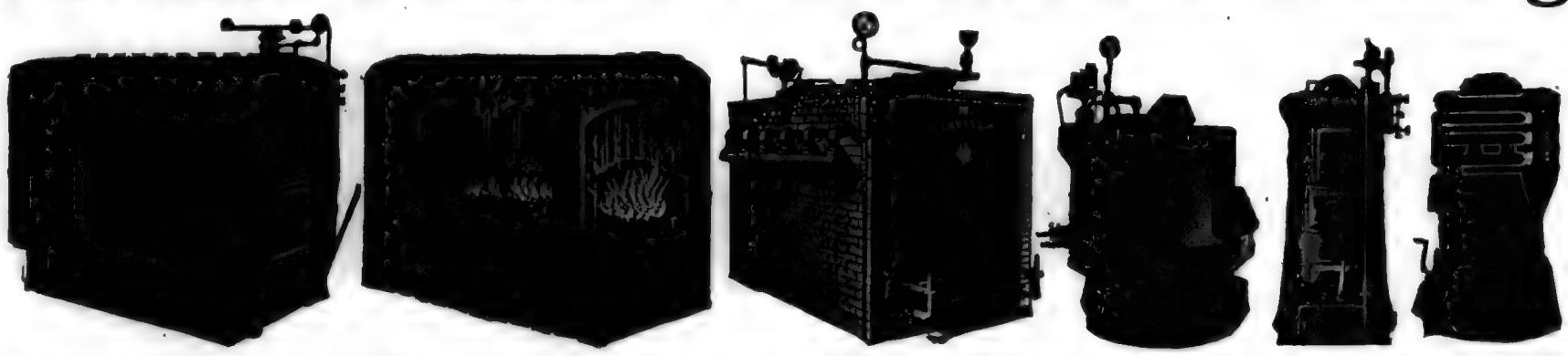
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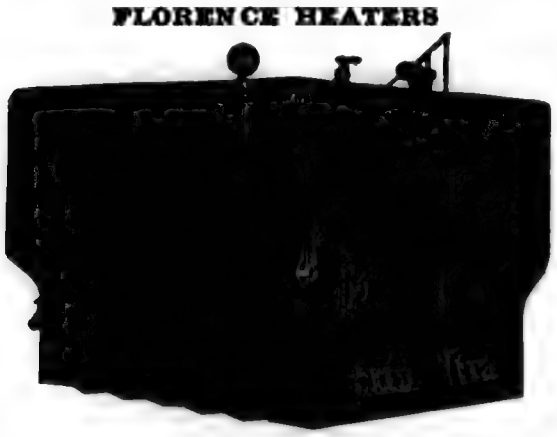
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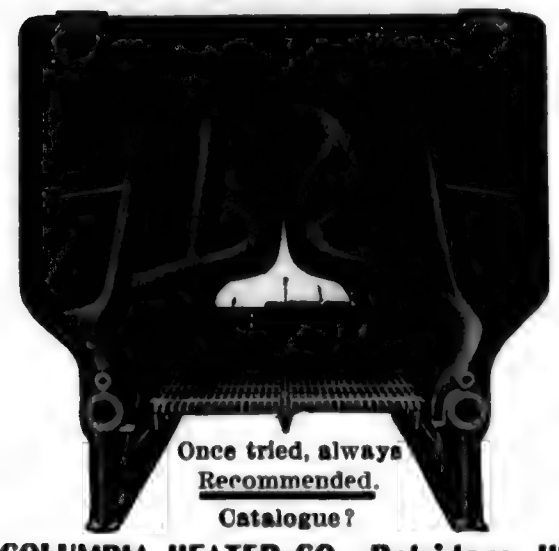
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MANUFACTURERS OF
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This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 8, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

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Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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though conditions warranted more than ever before a day devoted to grateful recognition. Shipping orders supplied the largest part of the demand earlier in the week, but Wednesday the city trade began to affect the market. The dealers and growers have again come to the conclusion that some preparation should be made for this holiday.

Chrysanthemums were the most in demand, and, while the supply was apparently plentiful in most grades, all were sold. There was a heavy demand for American Beauty roses, and none too many of these were seen anywhere. There was just about enough tea roses to go around, pink being the most sought after. Richmond and Liberty also had a fair call and sold well. Carnations were hardly heavy enough to meet the demands, and many of the stores were sold out by noon. As yet the cut is hardly of sufficient quantity to supply the trade, while quality is good. The prices were not prohibitive in any line, 75 cents and $1 per dozen being the ruling price for carnations. Violets were called for later in the day and found ready sale, although the price has advanced, they now selling at from 75 cents to $1.50 per hundred wholesale.

Some of the larger stores were showing poinsettias and azaleas, and the prospects are for a good crop of these for the holidays. Narcissus is now coming in, and of fine quality, also stevia.

E. S. K.

DENVER.

The Market.

Thanksgiving trade surpassed all preceding years, none of the stores being able to close until nearly 6 o'clock, al-

The following scores were rolled in the Florists' league November 26:

Columbines.	1st	2d	3d
Kennedy	103	116	165
Espelen	158	121	159
Cooper	157	152	163
Valentine	150	153	145
Totals	568	542	632
Beauties.	**1st**	**2d**	**3d**
Mahan	136	144	168
Glauber	115	153	149
Wilmore	124	124	135
Fraser	168	197	193
Totals	543	618	645
Carnations.	**1st**	**2d**	**3d**
Bush	161	206	135
Reynolds	121	151	159
Wislander	165	210	205
N. A. Benson	170	170	170
Totals	617	737	669
Violets.	**1st**	**2d**	**3d**
Smith	117	141	142
Lewis	150	150	150
C. Mauff	159	150	186
C. Benson	138	164	174
Totals	564	605	659

I DO not want my REVIEW discontinued. I would just as soon do without breakfast; so here is another dollar. —WILLIAM FREED, Spry, Pa.

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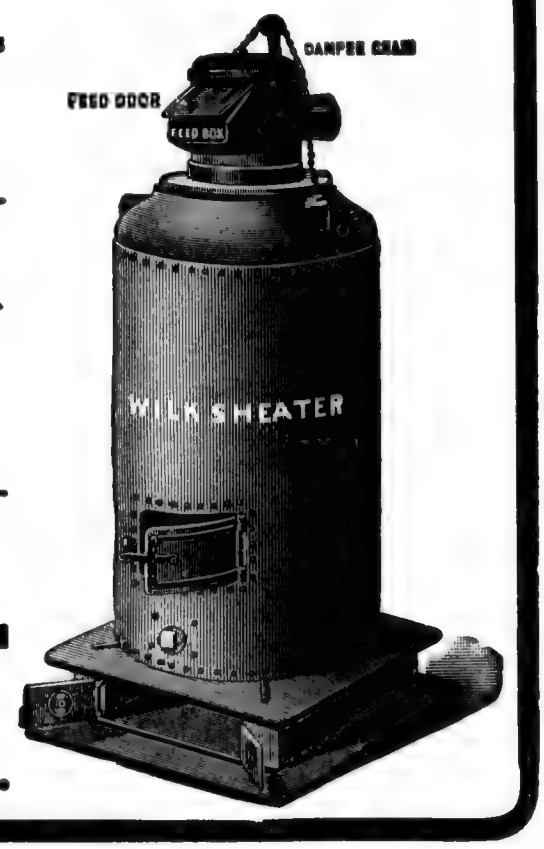
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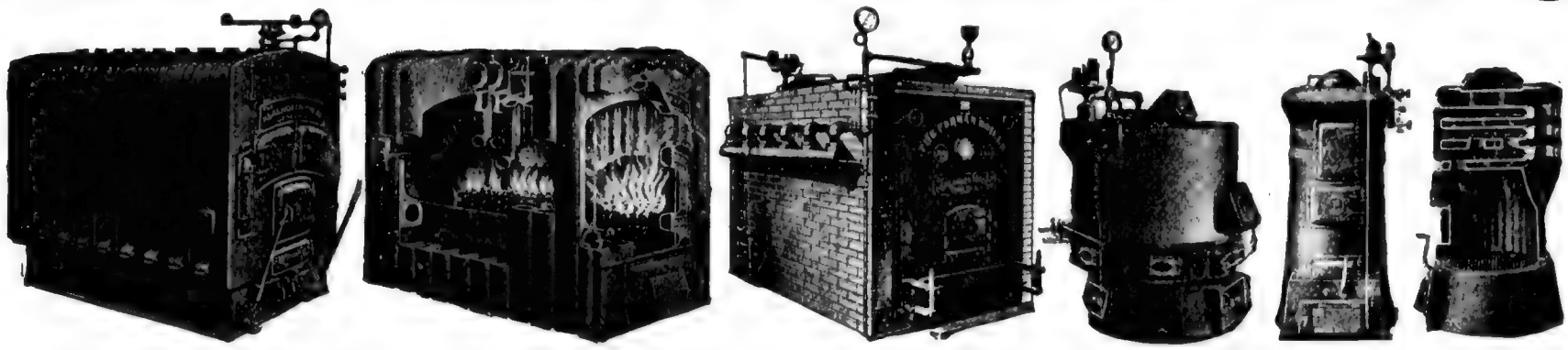
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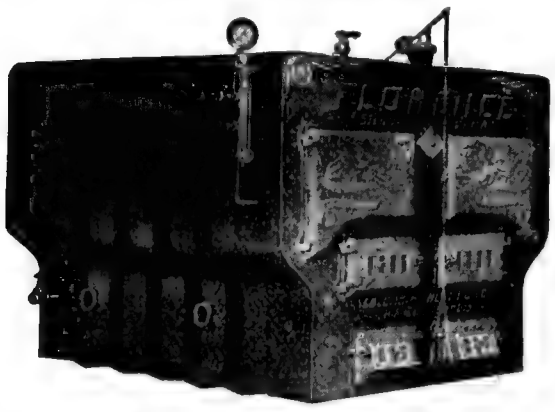
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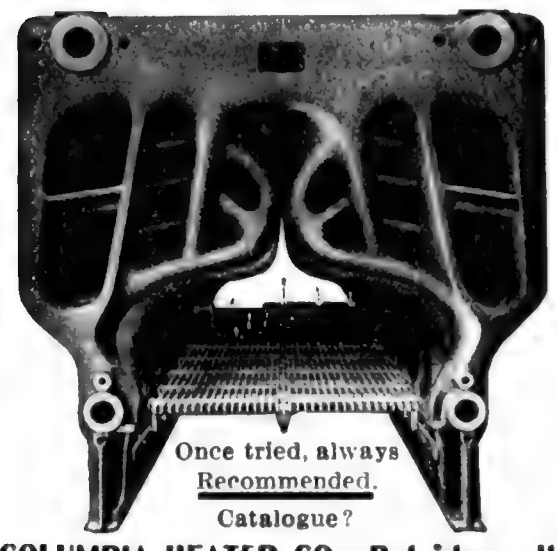
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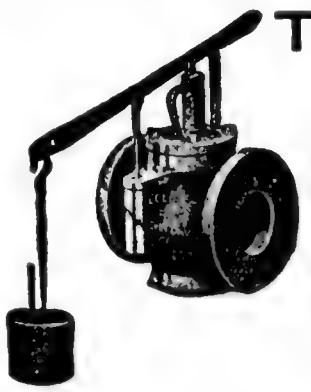
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GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

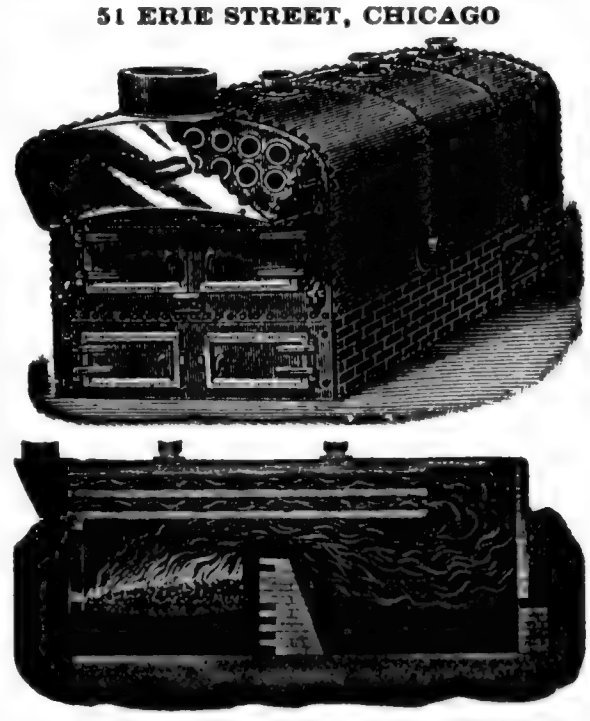
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though conditions warranted more than ever before a day devoted to grateful recognition. Shipping orders supplied the largest part of the demand earlier in the week, but Wednesday the city trade began to affect the market. The dealers and growers have again come to the conclusion that some preparation should be made for this holiday.

Chrysanthemums were the most in demand, and, while the supply was apparently plentiful in most grades, all were sold. There was a heavy demand for American Beauty roses, and none too many of these were seen anywhere. There was just about enough tea roses to go around, pink being the most sought after. Richmond and Liberty also had a fair call and sold well. Carnations were hardly heavy enough to meet the demands, and many of the stores were sold out by noon. As yet the cut is hardly of sufficient quantity to supply the trade, while quality is good. The prices were not prohibitive in any line, 75 cents and $1 per dozen being the ruling price for carnations. Violets were called for later in the day and found ready sale, although the price has advanced, they now selling at from 75 cents to $1.50 per hundred wholesale.

Some of the larger stores were showing poinsettias and azaleas, and the prospects are for a good crop of these for the holidays. Narcissus is now coming in, and of fine quality, also stevia.

E. S. K.

The following scores were rolled in the Florists' league November 26:

Columbines.	1st	2d	3d
Kennedy	103	116	165
Espelen	158	121	159
Cooper	157	152	163
Valentine	150	153	145
Totals	568	542	632
Beauties.	1st	2d	3d
Mahan	136	144	168
Glauber	115	153	149
Wilmore	124	124	135
Fraser	168	197	193
Totals	543	618	645
Carnations.	1st	2d	3d
Bush	161	206	135
Reynolds	121	151	159
Wislander	165	210	205
N. A. Benson	170	170	170
Totals	617	737	669
Violets.	1st	2d	3d
Smith	117	141	142
Lewis	150	150	150
C. Mauff	159	150	186
C. Benson	138	164	174
Totals	564	605	659

I DO not want my REVIEW discontinued. I would just as soon do without breakfast; so here is another dollar. —WILLIAM FREED, Spry, Pa.

DENVER.

The Market.

Thanksgiving trade surpassed all preceding years, none of the stores being able to close until nearly 6 o'clock, al-



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COLUMBUS, OHIO.

Thanksgiving Trade.

A comparison of opinions would place our Thanksgiving business at about the average of past years. Perhaps we all expected too much of an increase over last season. Be this as it may, there was plenty of stock for all comers, with a surplus left. Prices held well all through the week, especially for chrysanthemums. Outside of Beauties, roses went comparatively slow, and carnations not over well. Plants had quite a run.

The Florists' Club.

Our club held its regular meeting November 27. President Stephens was in the chair, and a goodly number of members were present. The committees on the recent chrysanthemum show reported that financially the exhibition was a success. The proposed change of the annual convention of the S. A. F., from August to some date in the autumn, was fully discussed. The club voted unanimously for the summer meetings. Three active members were admitted, E. B. Milnor, Charles Buehler and Wesley A. Hamm. M. B. Faxon offered a special prize for the best pot plant exhibited at the next meeting of the club.

Various Notes.

E. F. Jones, at Linden, has been, the last ten days, sending here some well finished chrysanthemums. He has also been busy at his stand on the Central market.

Nursery stock is still selling in good volume, the ground being still open. The long selling season we have had will make this autumn's total business unusually large.

C. A. Roth reports an especial rush of funeral orders the last few days.

John H. Williams, who this season has made a specialty of Major Bonnaffon, supplied some elegant stock for the Thanksgiving trade.

Sam Graff, of Graff Bros., who spent two weeks in Chicago looking out for a holiday supply of stock, returned in time to take part in the Thanksgiving rush.

John R. Hellenthal has been having a popular price sale of Boston ferns and rubber plants.

The Fifth Avenue Floral Co. held its annual Thanksgiving chrysanthemum show last week.

Owen Harbage has been appointed receiver for the Columbus Pottery Co. by Judge Evans.

Superintendent James Underwood, of the city's greenhouses at Franklin park, reports that thousands of persons this season have enjoyed the chrysanthemums.

Prof. A. F. Burgess, who is the chief inspector of orchards and nurseries in the Ohio state agricultural department, was elected president of the National Association of Orchard Inspectors at its annual meeting at Baton Rouge, La., last week. This honor came entirely unsolicited, Prof. Burgess not being present at the meeting. ZERO.

ALL our replies have mentioned the REVIEW.—GOSHEN FLORAL CO., Goshen, Ind.

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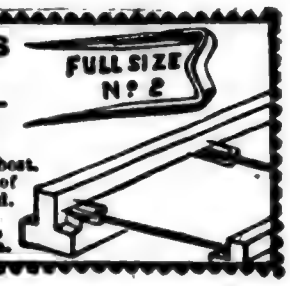
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G. L. GRANT, EDITOR AND MANAGER.

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I have been a reader of the REVIEW for a number of years, and don't see how any grower can do without it.—GEO. W. FAGAN, Cedar Falls, Ia.

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Made of clear Gulf Cypress is what we manufacture. We supply everything for your houses and your carpenter does the rest with the working plans we furnish. Let us figure on your requirements. We can save you money.

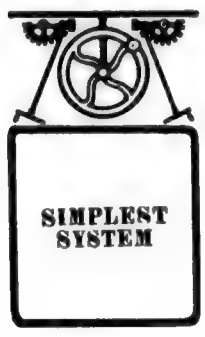
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1365-79 Flushing Ave., Brooklyn, N. Y

Mention The Review when you write.

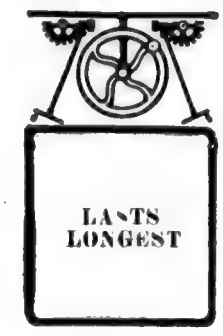
Always mention the Florists' Review when writing advertisers.

H AND C

ON THE LOOKOUT



The florist is a progressive chap—wants new things—things that give him an advantage over the man without them or makes competition possible with the man with them. But there are a few time-tried things that are so simple, so good, so sure, it costs you money and experience to change. Our ventilating apparatus is one of these things—no criss-cross levers—no chains or cables—just the gear and arm principle. Easy to put up—easy to operate.



HITCHINGS AND CO.

GREENHOUSE DESIGNERS AND BUILDERS.

Manufacturers of Heating and Ventilating Apparatus.

1170 Broadway, NEW YORK.

H AND C

Mention The Review when you write.

The Test of Durability

DURABILITY in greenhouse material is of first importance. It is expensive and tiresome to be constantly rebuilding and repairing—trying to patch up houses built of poor material.

If you want lasting houses get material that stands the test. Our cypress material will stand the most critical examination or comparison. "Time waits for no man"—send for catalogue and estimate today.

John C. Moninger Co.

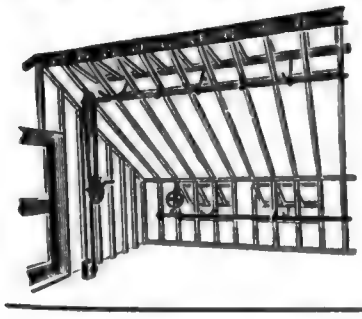
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CHICAGO

Mention The Review when you write.

THE

NEW WOLF ROLLER BEARING PIPE

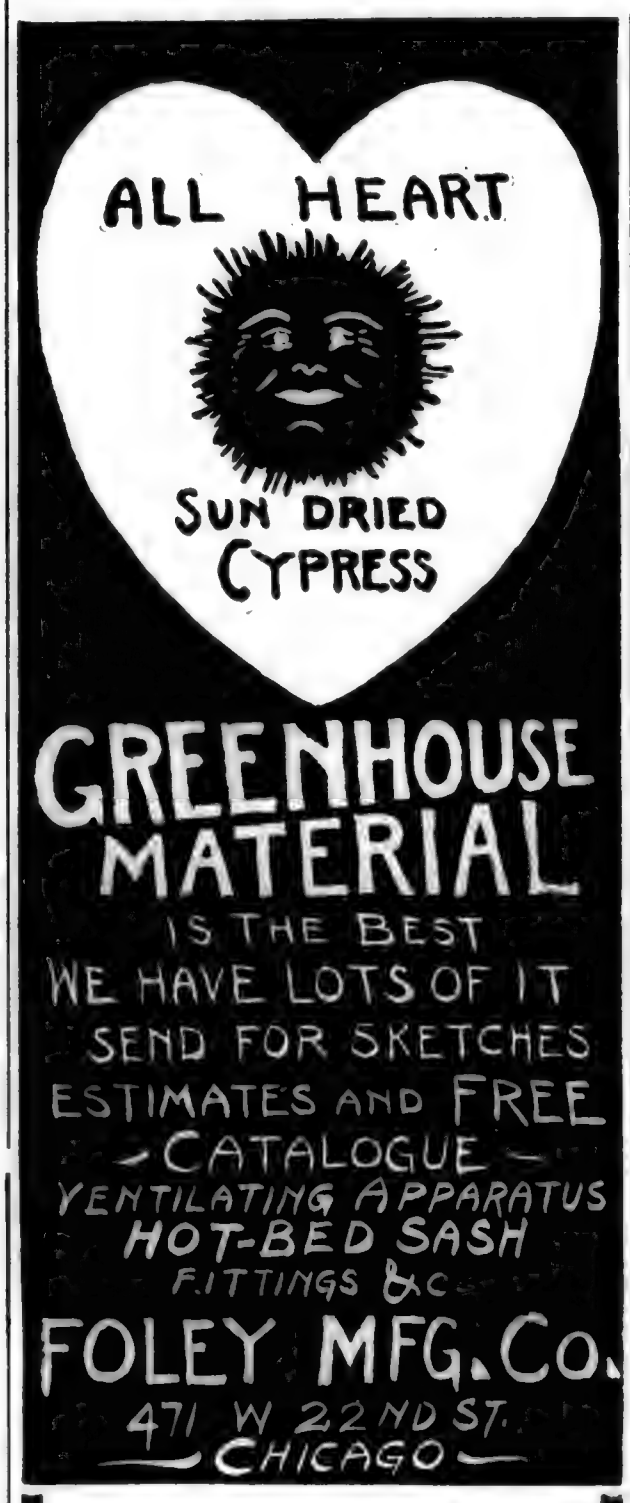


and improved cable ventilating machines are the most powerful on the market. Send for catalogue.

A. Q. Wolf & Bro.

Dayton, O.

Always mention the Florists' Review when writing advertisers.



If you are having delay in getting your roof material, send your orders TO US and don't be in trouble. We will handle any order in the time agreed.

Try us.

FOLEY MANUFACTURING CO.

471 W. 22nd Street, CHICAGO



David McFarlane, gardener to Mrs. H. Walter Webb at Scarborough, N. Y., took the trouble to write us his point of view on U-Bar houses—here is part of it: "The hundred-foot house erected by you last March is a great success, both for utility and from an architectural point of view." U-Bar reasons are shown in our new catalog. **Pierson U-Bar Company, Designers and Builders of U-Bar Greenhouses,** Metropolitan Building, 4th Avenue and 23rd Street, New York.



Always Mention the

FLORISTS' REVIEW

When Writing Advertisers



IT'S UP HILL WORK

This trying to compete with the chap who has an almost shade free house when yours is a regular "shade trap." We don't want to "knock" anybody else's construction, but we do want you to know why ours is so good.

Take a look at this view of the eave line with our angle iron eave plate and sashbar clasps — do you know of a construction even half as light? Well then suppose it is half as light, how about its endurance? We know that wooden joints at the eave line are quick to rot and that our wood and galvanized iron joints are lasters.

We sell our angle iron eave plate with sashbars attached and spaced ready for immediate erection. Put them in your next house for it's only a matter of whether you want the other chap's house with his kind of eave joint as a "temporary fix" or ours as **LASTERS.**

Send for our Catalog before you get the "fix."

Lord & Burnham Co.

Greenhouse Designers and Manufacturers.

1133 Broadway, corner 26th St., NEW YORK.

BOSTON BRANCH, 819 Tremont Building.

GLASS

Write us if you intend building the coming season and we will keep you posted on **GLASS** conditions. We have the kind of Glass you want. Some bargains in a few sizes left over. Don't buy your **GLASS** until you have written **HEADQUARTERS.**

SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET CHICAGO

UNIVERSITY

THE WEEKLY FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN



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Made of bright red tissue paper and folded so as to take up little or no room when packed or stored. This bell containing as much paper as any in the market and great care is taken in manufacturing them so that when opened up the shape of the bell is perfect.

Inches	Each	Doz.	Gross
6	$0.10	$0.75	$ 6 00
9	.15	1.00	10 00
12	.20	1.50	15.00

ANGELUS OR LUFFA BELLS

These are made of ground luffa pressed to shape, dyed scarlet outside, green inside and are light, strong and inexpensive. The best bell on the market.

Diameter	Each	Doz.
2½-inch	$0.10	$0.70
5-inch	.35	3.00
6-inch	.40	4.50
7-inch	.55	6 00
9-inch	.75	8.25

ALPHA BELL

Made of pressed card board covered with red sawdust outside, green inside. Very novel. Each .....6c, doz.....50c

FANCY DELAWARE HOLLY WREATHS

	—F. O. B. Chicago— In. diam.	Doz.	100
Single, wound one side	12	$1 50	$11.50
Double, wound both sides	12	2.35	18.00
Single, wound one side	14	2.00	14.00
Double, wound both sides	14	2.75	21.00
Double, wound both sides, for church and store decorations	18	6.00	

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We have an unexcelled reputation for supplying Fancy well Berried Holly. If you have never been a customer for this try a few cases.

Full size case of 16 cubic feet, $4.75; per half-case, $2.75; per barrel, $2.00.

Southern Holly, per case, $4.25.

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Are the "hit" of the season. A perfect imitation of this favorite flower. Per doz., $2 50. Sample mailed for 25c.

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(Not to be compared with imported.) Everybody is using it; "get in line." Per bunch, 35c; per 50 lb. box, $7.50; per 100 lb box, $15.00. Special price quoted for 1000 lb. and ton lots.

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Christmas Price List

	Per doz.	
BEAUTIES—		
30 to 36-inch	$10 00 to	$12.00
24 to 28-inch	6.00 to	8.00
15 to 20-inch	3 00 to	5.00
8 to 12 inch	2.00 to	3 00
Shorts	1.00 to	2 00
ROSES (Teas)—	Per 100	
Brides and Maids	$ 6 00 to	$15.00
Richmond and Liberty	10.00 to	25.00
Golden Gate	6.00 to	15.00
Perle	6 00 to	12.00
Kaiserin	6.00 to	15.00
Roses, our selection		6.00
CARNATIONS	4 00 to	5.00
Fancy	6.00 to	8.00
MISCELLANEOUS—		
Poinsettias, per doz.	3.00 to	5.00
Violets, double	2.00 to	2 50
Violets, single	1.00 to	1.50
Harrisii Lilies, per doz.		2 00
Callas, per doz.		2.00
Valley	4.00 to	5.00
Paper Whites	3.00 to	4.00
Romans	3.00 to	4 00
GREENS—		
Smilax Strings, doz.		2.00
Asparagus Strings, ea.	.40 to	.50
Asparagus Bunches, ea		.35
Sprengeri Bunches, ea.		.35
Adiantum		.75
Ferns, Common, 1000		2 00
Galax, G and B., 1000		1.50
Leucothoe Sprays, 1000		7.50

SUBJECT TO MARKET CHANGE.

FOR STOCK

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BOUQUET GREEN WREATHING

Indications are that there will be again this year a scarcity of green and we therefore advise early orders.

For beautifying homes, churches, halls, stores, etc. Put up in coils of 20 yards each, ready for use.

Light Grade, per 100 yards.....$3 00
Medium Grade, per 100 yards..... 4.00
Extra Heavy Grade, per 100 yards... 5.00

LAUREL WREATHING

Made of dark green laurel leaves, taken from swamps, without spots and seeds. Wound on rope and made extra heavy; will last a long time. Weight about 70 pounds to 100 yards.

Per 100 yards.....$5 00
Per 50 yards..... 2 75
Per 25 yards..... 1.50

LYCOPODIUM OR BOUQUET GREEN

We are headquarters and can supply same throughout the entire year, fresh picked, green from Oct. 1 to Jan. 1. Our Bouquet Green is secured from the best green districts in Wisconsin and Michigan and is guaranteed to be A No. 1 quality. Buy from headquarters. Write for prices.

CHRISTMAS BERRIES

We introduced these to the trade some years ago and have never since been able to get enough of them to supply the demand. This is a bright holly red berry on stems measuring 15 to 36 inches long. Per case, about 8x30x20 inches, $3.00.

MISTLETOE

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CALIFORNIA PEPPER BOUGHS

Beautiful for decoration and very fragrant. Per crate, $4.50.

MAGNOLIA LEAVES

Heavily packed, per barrel, $6.50.

IMMORTELLES

Cape Flowers, Pine Tops, Needle Pines, Wild Smilax, Wire Rings, Galax Leaves, Green Moss, Wreaths, etc. Write for complete list.

E. F. WINTERSON CO.

45-49 Wabash Ave., CATALOGUE FREE **CHICAGO**

THE WEEKLY

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GLADIOLI

for planting where your carnations have **died out.** You will find them **a profitable crop** next spring.

	100	1000
Boddington's White and Light		
Bulbs 1¾ inches and up	$2.00	$15.00
Bulbs 1½ to 1¾ inches	1.25	12.00
May, pure white, flaked with carmine	1.75	15.00
Shakespeare, white and rose	4.75	45.00
America, the finest pink in existence	8.00	75.00
Brenchleyensis, scarlet	1.50	12.00

Arthur T. Boddington,
342 West 14th St., NEW YORK.

Asparagus

Asparagus Plumosus, 2-inch, $2.50 per 100; $20.00 per 1000.

CRIMSON RAMBLER and DOROTHY PERKINS field-grown, fine plants for Easter forcing, 4 to 6 shoots, $3.00 per dozen; $20.00 per 100.

CHRYSANTHEMUM STOCK PLANTS as follows:

175 Shaw	**75 Marion Newell**
125 Halliday	**36 Xeno**

75c per doz.; $5.00 per 100. Terms cash with order to unknown parties.

ERIE FLORAL CO., ERIE, PA., or
WM. F. KASTING, BUFFALO, N. Y.

For the Christmas Trade

I HAVE TO OFFER:

Begonia Gloire de Lorraine in finest quality.
Pandanus Veitchii, finely colored.
Boston and Scottii Ferns.
Poinsettias in pans and cut.

Price list on application.

J. A. PETERSON, WESTWOOD, CINCINNATI, O.

HYDRANGEA OTAKSA

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AZALEAS for Christmas. Plants in bloom. Simon Mardner, Deutsche Perle and Vervaeneana, 75c, $1.00, $1.25 and $1.50 each.

ADIANTUM CROWEANUM, 3-inch $12.50 per 100.

BOSTON FERNS—Bench-grown, $10.00, $15.00 and $20.00 per 100. Pot-grown, 5-inch, $25.00 per 100.

SCOTTII—Bench-grown, ready for 3 and 4 inch pots, $6.00 per 100.

CHRYSANTHEMUM stock plants, best standard varieties, $1.00 per doz. Send for list of varieties.

VINCA MAJOR, green variegated with light green, field-grown, $6.00 per 100.

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SEND FOR COMPLETE LIST AND PRICES.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. **Joliet, Ill.**

A Limited Quantity of the New Hydrangea

Arborescens Grandif. Alba

3-year-old plants.....$1.00 each; $90.00 per 100
1-year-old plants..... .50 each; 35.00 per 100
The most useful novelty of recent years in its line.

Our New CHYRSANTHEMUM LIST

of Novelties now ready, describing the best of the new exhibition varieties and also the finest new commercials.

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With Style in Appearance and Perfection in Workmanship.

CHRISTMAS TREES—HOLLY

Holly Wreaths, Evergreen Wreathing, Mistletoe, Immortelles, Cape Flowers, Paper Bells, etc.

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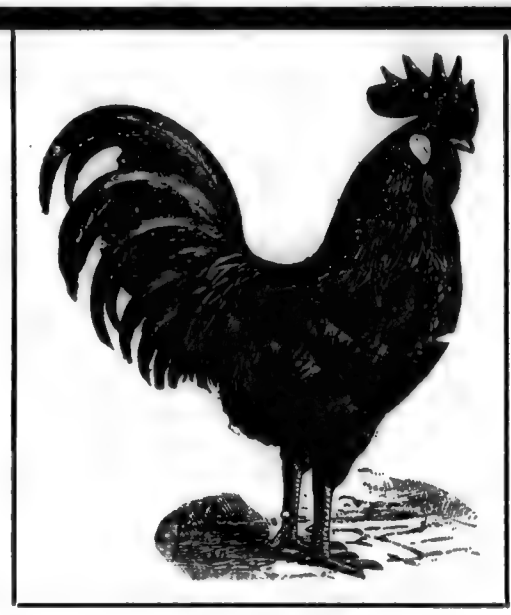
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1887

THIS IS
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BE A BIG
ROOSTER
NOW.



1906

HE HAS
CROWED
EVERY MORNING
AT 6 O'CLOCK
FOR 19 YEARS.

MERRY CHRISTMAS

and never louder and clearer than today. What do you think he crows about? In all these years he has'nt missed a morning, disappointed a grower, failed to send a weekly check on time, or given any cause to make an enemy. A bird like this deserves to live to a ripe old age. And he will. Now listen! You growers of **Roses, Violets, Carnations, Valley, Orchids** and every variety of **Cut Flowers,** you can't do better anywhere than here. We have room for a few more of you.

SEND YOUR CONSIGNMENTS TO THE ROOSTER THAT CAN LAY THE GOLDEN EGGS FOR YOU.

J. K. ALLEN, 106 W. 28th St. NEW YORK

The Plantsman of New York

52 West 29th St.

Telephone No.
4532 Madison Square

STARKE

A Grand Assortment of Palms and Blooming Plants for Christmas. Shipments made to any part of the country. Come and see our Exhibit. No better assortment in the city. Send me your Xmas orders and do it now.

J. SELIGMAN **JOSEPH J. LEVY**

When we review the past year we feel like
covering this page with

Christmas Greetings

To Our Fellow Craftsmen

It has been a prosperous and an eventful year
yet it is only the shadow of what we hope
and expect to accomplish during
the next twelve months.

..WE..

have lots of room
for **More Growers.**
We can sell to your advantage

EVERYTHING YOU GROW

TRY US AND BE CONVINCED!

Remember the address. **Directly opposite the New York Cut Flower Co.**

John Seligman & Co.

56 West 26th Street, NEW YORK

Telephone No. 4878 Madison Square

THE MOST CONVENIENT CUT FLOWER HEADQUARTERS IN NEW YORK

Open Every Day in The Year at 6. A. M.

Christmas Greetings

FROM

FORD BROS. OF New York

We are right here at 48 West 28th St.
In the Center of Things Floricultural

We claim to be the largest receivers and shippers of Cut Flowers in this country. You can rely upon a complete and superb assortment of everything in season and the best in the market.

Roses, Carnations the Finest Fancy Varieties, Violets, Valley, Lilies

AMERICAN BEAUTIES, unrivalled and unlimited

48 West 28th St. Telephone Nos. 3870-3871 Madison Sq. NEW YORK

1871 **JAMES HART** 1906

The Original Pioneer House. Our 35th year in the Wholesale Cut Flower Business in this Country.

103 W. 28th Street, Tel. No. 626 Madison Square. **New York City**

☛WE LEAD THEM ALL

in the number of Christmas celebrations, and we intend to take our old place at the **Head of the Procession.** No one has **a larger** store, nor any **better facilities for growers** than **"THE OLD RELIABLE."** Some of our growers have been with us **THIRTY-FIVE YEARS,** and now we have room for a score of them in addition to those whose loyalty during all these years has never failed.

A MERRY XMAS TO YOU ALL.

LIMPRECHT FLORIST SUPPLY COMPANY

119 West 30th Street, NEW YORK CITY.

WHOLESALE AND COMMISSION DEALERS

FRESH DECORATIVE GREENS, BASKETS, FLOWERS and WIRE DESIGNS HOLLY and EVERGREENS for ..... **Christmas**

SEND FOR SPECIAL PRICES.

Our store has been thoroughly repaired, repainted and stocked since the fire, and we are now ready to wait upon and ship anything the Florist needs in our line at a moment's notice.

☛SPECIAL FACILITIES FOR LARGE DECORATIONS. HAVE A LOOK AT THE GREAT FIFTH AVENUE CATHEDRAL.

Christmas Greetings from

CHARLES MILLANG

Wholesale Florist, 50 West 29th St., New York City

Tel. Nos. 3860-3861 Madison Sq.



COME AND SEE US

Visit our convenient Headquarters and be convinced. The highest prices and prompt payments guaranteed our growers. We invite criticism and investigation. We open every morning at 6 o'clock. Our "Early Market" is for the special convenience of our Retail Patrons.

We wish both our growers and patrons a happy New Year.

A Special Department, very light and well ventilated, for the display of immense quantities of

Lilies,
Violets,
Roses,
Carnations

and every seasonable Christmas Flower.

Nothing more attractive for growers in New York than our improved facilities for handling Cut Flowers of every description.

Plant Growers having CYCLAMENS, POINSETTIAS, ARDISIAS, LILIES or Other POPULAR HOLIDAY PLANTS are requested to call or write. A quick and safe market and sure money.

OUR CONSERVATORIES always stocked with Choice Plants, Palms and Flowering Stock of every description for the convenience of our city patrons. Shipments made daily to any part of the country. We have made every preparation for double the business of any year in our history. **Central Location**—No need to spend time going to Greenhouses.

SAVES TIME. SAVES MONEY. SAVES TROUBLE. REMEMBER THE ADDRESS

CHARLES MILLANG, Tel., 3860-3861 Madison Square, **50 West 29th St., NEW YORK**

Branch Store, 45 W. 29th St. Evergreen Storage and Shipping Headquarters, 1 W. 28th St.

Select Your Holiday Plants at the Wholesale Plant House of New York City

Alexander J. Guttman

43 West 28th Street

Phone 1664-1665 Madison Square

THE WHOLESALE FLORIST
OF NEW YORK...

Write For Prices on Any Variety of

..CUT FLOWERS..

Not only for Holidays, but for all the Year Round

ENOUGH SAID.

RUSSIN & HANFLING

Manufacturers and Importers

Office, Factory and Salesroom

114 West 28th St., New York

Tel. No. 3053 Madison Square

SPECIALTIES

Wheat Sheaves and Baskets

BASKETS

For Christmas In all the Latest Styles and Novelties

Florists' Supplies

Come and select your stock for Christmas before the rush and while the assortment is complete. Prices are right! We manufacture the goods and can compete with any one in the Florists' Supply Business in this country.

Merry Christmas

FROM



Rickards Bros.

...PROPRIETORS OF...

Bridgeman's Seed Warehouse

37 East 19th Street

NEW YORK

82 Christmas Greetings and we Hope to Serve You 82 Years More

☞ESTABLISHED 1824

SEEDS, BULBS, PLANTS, Etc....

None Better in America

"YOU KNOW US!"

H. E. FROMENT

WHOLESALE COMMISSION FLORIST

57 West 28th Street, NEW YORK CITY

Telephones, 2200-2201 Madison Square

Wishes a MERRY CHRISTMAS to all and announces that he will have on hand for the HOLIDAYS

A CHOICE LINE OF CUT FLOWERS

☞ESPECIALLY☜

Roses — American Beauties, Maids, Brides, Killarneys.

Violets — Regulars, Specials, Extra Specials.

Carnations — Ordinary, Fancy, Novelties.

HEADQUARTERS FOR AMERICAN BEAUTIES

Don't Be One of These Dec. 24, at 4 P. M.



PROPRIETOR, gazing at a whole lot of plants waiting to be trimmed—"Come! Come! Get these plants out quickly."

DELIVERY MAN—"They are all marked to be trimmed." Delivery Man loudly to plant trimmer—"Say, when are you going to get these plants trimmed?"

PLANT TRIMMER—"How many hands do you think I have? Send some one to help me."

PROPRIETOR—"I cant spare any one off the floor. The store is full of customers."

PLANT TRIMMER—"Now, if you had bought some of those

EVER READY FLOWER POT COVERS

I would be able to trim them as fast as you could bring them to me, and do it easily, besides saving a whole lot of ribbon, paper, time, etc."

One of the Greatest Novelties and time savers in the florists' business. Endorsed by the following well known men—Wm. Scott, Wm. Palmer, Wm. F. Kasting, S. S. Pennock, S. S. Skidelsky and every one who has seen them.

SEND $1.00 and we will send to you prepaid by express six covers which you can sell at 25 cents each. We have this in either permanent or collapsible shape. Please specify when ordering.

Ever Ready Flower Pot Cover Co., 304 Main Street, Buffalo, N. Y.

Christmas Greetings....

FROM

NATIONAL REPUTATION
—FOR—
The HIGHEST GRADE
—OF—
Maids,
Brides,
and Beauties

MOORE, HENTZ & NASH,
WHOLESALE COMMISSION FLORISTS
GROWER AGENT.
ADJOINING
New York Cut Flower Co's
SALESROOM.
55 West 26th St., New York.

Headquarters for the Beautiful

RED BERRY SPRAYS

From Michigan

SEND YOUR ORDERS BEFORE DECEMBER 18.

GROWERS! We have plenty of room to handle, and customers ready, for all A-1 stock of every variety.

If you have any "QUEEN OF EDGELY" send them to us, we have a constant call for it.

ADVICE OF SALES DAILY, CHECK WEEKLY.

TRY US! "NOW IS THE ACCEPTED TIME."

HOLLY AND GREEN

Leucothoe Sprays,

Princess Pine, Holly,

GREEN GOODS of every kind and in unlimited quantity..

We stand at the head of our line and others follow

Our large force is busy day and night preparing Wreaths and Wreathing to fill our

Christmas Orders

Be on time, don't get left. Order now.
We ship to all parts of the States and Canada.

EVERGREENS

Fancy and Dagger Ferns

Bronze and Green Galax

GEORGE COTSONAS & CO.

WHOLESALE AND RETAIL DEALERS

Remember the address of our new store. The most convenient in the city.

50 West 28th Street, Phone 1202 Madison Square, NEW YORK CITY

"THE SQUARE DEAL"

Guaranteed to all who deal here.

A. M. HENSHAW

Wholesale Commission Florist Tel., 5583 Mad. Sq. **52 W. 28th St., New York**

Every facility for the grower and the retailer for the

CHRISTMAS RUSH **As well as every other day in the year.**

Mention The Review when you write.

Telephone 2270 38th St.

M. C. Bowe

My Motto The Golden Rule

IN THE HEART OF THE CITY

1294 Broadway, Between 33rd and 34th Streets, **New York**

Merry Christmas to my brother and sister florists everywhere, and don't forget to send your orders early for your New York deliveries.

WILLIAM H. KUEBLER

...WHOLESALE FLORIST...

28 Willoughby Street, Telephone 4591 Main **BROOKLYN, N. Y.**

Every Variety of Cut Flowers in Abundance For Christmas

Book Your Christmas Orders EARLY

WE ARE STILL GROWING

Room in the new store for a few more Rose and Carnation Growers. I care for your interests personally and never fail to satisfy. Remember! Retailers, I will have Mums for the Holidays. A Merry Christmas to all of you.

Always mention the Review when writing to Advertisers

C. W. McKELLAR

Long Distance Phone, Central 3598

51 Wabash Avenue, CHICAGO



ORCHIDS

and all Fancy Flowers, Holly, Green and Decorative Stock, Ribbons, Cape Flowers, Immortelles and all Xmas goods.

SEND FOR COMPLETE PRICE LIST.

for CHRISTMAS

ORCHIDS, a specialty	Per doz.
Cattleyas	$9.00 to $12.00
Dendrobium Formosum	5.00 to 6.00
Cypripediums	3.00
Assorted Orchids, per box	5.00 to 25.00
Beauties, Extra Fancy	12.00
" 24 to 36-in. stems	8.00 to 10.00
" 15 to 20-in. stems	5.00 to 6.00
" Short stems	1.50 to 3.00
	Per 100
Brides, Maids, Ivory, firsts	$12.00 to $15.00
" " " seconds	6.00 to 10.00
Perle, Gate, firsts	10.00 to 15.00
" " seconds	6.00 to 8.00
Liberty, Richmond	10.00 to 25.00
Chatenay, Sunrise, firsts	12.00 to 15.00
Chatenay, Sunrise, seconds	Per 100 $8.00 to $10.00
Roses, my selection	6.00
Carnations, large fancy	6.00 to 8.00
" good stock	4.00 to 5.00
Violets, double	2.00 to 2.50
" single	1.50 to 2.00
	Per doz.
Poinsettias, fancy	$3.00 to $4.00
" small	2.00 to 2.50
Callas, Harrisii	2.00 to 3.00
	Per 100
Valley	$4.00 to $5.00
Paper Whites, Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Mignonette	Per 100 $4.00 to $8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	2.00
Asparagus, per strings,	.35 to .50
Plumosus, Sprengeri, per bunch,	.35 to 75
Adiantum, per 100,	1.00 to 1.50
Ferns, per 1000,	2.00
Galax "	1.00
Leucothoe, per 100,	.75
Red Berries, per case,	2.00 to 3.00
Mistletoe, per lb., 25c; 25 lbs.,	5.00
Boxwood Sprays, per lb.,	.15
Wild Smilax, per case, $3.00, $4.00, $5.00,	6.00

Prices subject to change without notice.



Foley's Floral Fotographs

OUR FLORAL ALBUM..... **$5.00**

FOR CHRISTMAS and every other day of the year . . . .

BY

JOHN J. FOLEY

Wholesale and Retail Florist

226, 226½ Bowery, NEW YORK

Telephone No. 1178 Spang.

Next door to the Young Men's Institute.

Merry Christmas to all my friends of the past quarter century.

Special Cut of
CHRYSANTHEMUMS
FOR CHRISTMAS

Jeanne Nonin, the fine late white; also yellow. **Large Supplies of**

Roses, Carnations, Violets, Bulbous Stock and All Green Goods

Send early orders and wire additions
Open all day Sunday, December 23

SUBJECT TO CHANGE **CHRISTMAS PRICE LIST** WITHOUT NOTICE

AMERICAN BEAUTIES
all lengths of stems, at market rates.

	Per 100
Brides	$6.00 to $8.00
" fancy	10.00 to 15.00
Maids	6.00 to 8.00
" fancy	10.00 to 18.00
Liberty and Richmond	8.00 to 10.00
" " " fancy	15.00 to 25.00
Golden Gate	6.00 to 8.00
" " fancy	10.00 to 15.00

	Per 100
Chatenay	$6.00 to $10.00
" fancy	12.00 to 18.00
Roses, our selection	6.00
Carnations, common	3.00
" select	4.00 to 5.00
" fancy	6.00 to 8.00
Violets, single and double	1.50 to 2.50
Valley	4.00 to 5.00
Callas	doz., $2.00
Harrisii	doz., 3.00
Paper Whites, Romans	3.00 to 4.00
Mignonette	3.00 to 6.00
Marguerites	1.50 to 2.00

	Per 100
Stevia	$1.50 to $2.00
Mahonia Sprays	1.00
Leucothoe	.75
Adiantum	.75 to 1.00
Smilax	doz., $1.50 to $2.00
Asparagus Strings	50.00
" Sprays	2.00 to 4.00
Sprengeri	2.00 to 3.00
" long	4.00 to 6.00
Galax, green	per 1000, $1.25 .15
" bronze	per 1000, 1.50 .20
Boxwood	per bunch, 35c
Ferns	per 1000, $2.00 .25

KENNICOTT BROS. CO.
WHOLESALE COMMISSION FLORISTS
40-42-44 Randolph St. L. D. Phone, Central 466 **CHICAGO**

GEO. REINBERG
Wholesale Grower and Shipper of Cut Flowers **35 Randolph St., CHICAGO.**

POINSETTIAS
Good Stock, $4.00 to $5.00 per doz.; Extra Fancy, $6.00 per doz.

Will have a fair supply of BEAUTIES, RICHMOND, LIBERTY, MAID, BRIDE, KILLARNEY, UNCLE JOHN, CHATENAY, and CARNATIONS at Chicago Market Prices.

BEST ROSES

If You Want Something Special Try Our

KILLARNEY
MAIDS BRIDES
RICHMOND

Good Supplies of all Other Stock in Season

CHRISTMAS PRICE LIST

	Per doz.
AMERICAN BEAUTIES	
Specials	$12.00
30-inch stems	10.00
24-inch stems	8 00
18-inch stems	6 00
15-inch stems	5.00
12-inch stems	3.00

ROSES	Per 100	
Maids and Brides, select, specials	$18.00 to	$20.00
" " No. 1, long		15.00
" " No. 2, good	8 00 to	12 00
" " Short		6 00
Killarney, select, specials	20.00 to	25 00
" No. 1, long	15.00 to	18.00
" No. 2, good	8 00 to	12.00
" short		6.00
Richmond, select, specials	20 00 to	25 00
" No. 1, long	15.00 to	18.00
" No. 2, good	8.00 to	12.00
" short		6.00
Chatenay, No. 1, long		15.00

ROSES	Per 100	
Chatenay, No. 2, good	$8 00 to	$12.00
" short		6.00
Uncle John, Gates, No. 1, long		15.00
" " " No. 2, good	8.00 to	12.00
" " " short		6.00
CARNATIONS, good		5.00
" fancy		6.00
" ex. fancy, Enchantress and red		8.00
Valley	4.00 to	5 00
Romans		4.00
Paper Whites		4 00
Violets	2.00 to	2 50
Stevia		2.00
Poinsettias	25.00 to	35.00
Callas	15.00 to	18.00
Longiflorum		20.00
Asparagus	per string, 30c to 50c	
Smilax	per string, 15c to 18c	
Common Ferns	per 1000, $2.00	
Boxwood	$7.50 per 50 lb. case	

SEND ORDERS NOW

The BENTHEY-COATSWORTH CO.

Wholesale Cut Flowers

35 Randolph Street, CHICAGO

Holly and Mistletoe Boxwood and Wild Smilax

For Christmas

Western Headquarters for Hudson River **VIOLETS** the cream of the stock from the famous Rhinebeck growers and a large supply for the Holiday Season.

We shall also have large supplies of **Carnations, Roses, Lilies, Poinsettias** and **All Green Goods for Christmas.** Now booking orders at the following prices:

BEAUTIES	Per doz.
36-inch stems	$12.00
30-inch stems	10.00
24-inch stems	9.00
20-inch stems	8.00
15-inch stems	6.00
12-inch stems	$3.00 to 4.00
8-inch stems	1.50 to 2.00

	Per 100
Brides, fancy	$12.00 to $15.00
" good	6.00 to 10.00
Maids, fancy	12.00 to 15.00
" good	6.00 to 10.00
Liberty and Richmond, fancy	20.00 to 25.00
" " " good	10.00 to 18.00
Golden Gate, fancy	12.00 to 15.00
" " good	6.00 to 10.00
Roses, our selection	6.00
Carnations, select	4.00 to 6.00
" fancy	8.00
Violets, double	2.00 to 2.50
" single	1.00 to 1.50

	Per 100
Valley	4.00 to 5.00
Callas	doz., $2.00
Harrisii	doz., 2.50
Paper Whites, Romans	3.00 to 4.00
Mignonette	8.00
Stevia	2.00
Leucothoe	.75
Adiantum	1.00
Smilax	doz., $2.00
Asparagus Strings	each, .50
Asparagus Sprays	bunch, 35c to 1.00
Sprengeri	bunch, .35
Galax	per 1000, 1.25 .15
Ferns	per 1000, 2.00 .25
California Pepper Berries	$5.00 case of 4 cubic feet
Red Berries	$2.00 to $5.00 case
Boxwood	$7.50 per 50 lb. case
Holly	$4.50 per case; 10 cases, $40.00
Wild Smilax	$5.00 per large case
Mistletoe	25c per lb.

Subject to change without notice.

Let us have your order in good season and we will take the best of care of you.

VAUGHAN & SPERRY

Wholesale Florists, 58-60 Wabash Ave., CHICAGO

SINNER BROS.

58-60 Wabash Avenue, CHICAGO.

BEING located in the Growers' Market, with large supplies from our own greenhouses and the stock of two score of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders for Christmas.

Wholesale Florists

POEHLMANN BROS. CO.

.. .. WHOLESALE GROWERS OF .. ..

Cut Flowers

33-35 Randolph Street, Long Distance Phone Central 3573 CHICAGO, ILL.

We will have a large supply of all stock for Christmas.

THERE will be a greater demand for Cut Flowers this Christmas then ever before, on account of the great prosperity throughout the country. It will therefore be well to send us your orders early for booking. These orders take precedence in being filled before late orders which usually come in at the 11th hour.

Christmas Price List

In effect December 20, 1906. **Subject to change without notice.**

Roses

	Per 100
Maid, Bride, Chatenay, select	$15.00
" " " " first.	12.00
" " " " med.	$ 8.00 to 10.00
Richmond, Killarney, select	25.00
" " " first	18.00 to 20.00
" " " med	12.00 to 15.00
Sunrise, Perle, Gate, select	12.00 to 15.00
" " " " first	8.00 to 10.00
Short stem Roses, good	6.00

Special long stemmed Roses charged accordingly.

American Beauties

	Per doz.
Over 40 inches, select	$12.00
36-inch, select	10.00
30-inch, select	9.00
24-inch, select	8.00
20-inch, select	6.00
18-inch, select	5.00
15-inch, select	4.00
12-inch, select	3.00
Short stem, select	$1.00 to 2.00

Carnations

	Per 100
Extra Fancy, Enchantress, Prosperity, Red Lawson and White,	$10.00
First quality	8.00
Split and short stems	$4.00 to 6.00
Harrisii	20.00
Tulips	5.00 to 6.00
Narcissus	3.00 to 4.00
Romans	3.00 to 4.00
Valley	4.00 to 5.00
Violets	1.50 to 2.50
Mignonette, large spikes	8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, Fancy Croweanum	2.00
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings each	.50 to .60
Ferns per 1000	2.00
Galax "	1.50
Leucothoe	1.00
Chrysanthemum Merry Xmas, per doz	2.00 to 3.00

For Christmas

OUR GROWERS ARE IN FULL CROP FOR CHRISTMAS AND QUALITY IS "O. K." WE SHALL BE ESPECIALLY STRONG ON

Roses and Carnations, Poinsettias,

Paper Whites, Romans, Valley

Asparagus, Smilax, Galax. Boxwood, Leucothoe, Ferns.

GIVE US YOUR ORDER AND WE WILL TAKE THE VERY BEST CARE OF YOU **AT CHICAGO MARKET PRICES.**

Open All Day Sunday, December, 23

Our business is increasing nicely, which is evidence that we have the stock and facilities to please YOU. Let us have your order now and we will handle it so as to add you to our list of regular customers.

ZECH & MANN

Wholesale Florists, 51 Wabash Ave., L. D. Phone, Central 3284. CHICAGO

THE FINEST VALLEY



Western Headquarters for

Early-Forcing Pips.

$14.00 per 1000; $1.50 per 100.

NOW READY.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.

Fancy Cut VALLEY for CHRISTMAS.

H. N. BRUNS,

1409-11 West Madison St., CHICAGO.

Long Distance Phone.

WIETOR BROS.

51 Wabash Ave., CHICAGO

WHOLESALE GROWERS OF CUT FLOWERS

FOR CHRISTMAS

THOSE OF YOU WHO WANT

RED

WOULD BETTER PLACE ORDERS EARLY. WE SHALL HAVE LARGE CUTS OF BEAUTY, RICHMOND, LIBERTY, AND ALL OTHER ROSES, BUT DEMAND WILL BE HEAVIER THAN EVER BEFORE

We have all the standard and best new **CARNATIONS** and can supply the best grade in quantity

CHRISTMAS PRICE LIST

AMERICAN BEAUTY—	Per doz.
Extra long stems	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00
12-inch stems	3.00
8-inch stems	$1.50 to 2.00

	Per 100
Brides, fancy	$10.00 to $15.00
" good	6.00 to 8.00
Bridesmaids, fancy	10.00 to 15.00
" good	6.00 to 8.00
Liberty, fancy	$20.00
" good	$ 8.00 to 15.00
Richmond, fancy	20.00
" good	8.00 to 15.00
Chatenay, fancy	10.00 to 15.00
" good	6.00 to 8.00
Uncle John, fancy	10.00 to 15.00
" good	6.00 to 8.00
Perle	6.00 to 10.00
Roses, our selection	6.00
CARNATIONS—Good	5.00
" Fancy	6.00
" Ex. fancy Enchantress and Red	8.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. No charge for packing Prices subject to change without notice.

A. L. Randall Co.

Fancy Mignonette

Others try to produce its equal but those who want the best order ours.

Violets

No one questions the fact that we are headquarters for Violets in Chicago and have the best growers of fancy Violets in the United States. Can fill orders of any size.

Paper Whites and Romans

We will have fancy stock at $3.00 and $4.00 per 100.

Stevia

Long, fancy stock. Every florist will need from 200 to 1,000 of this fine stock for Christmas.

Roses and Carnations

The best growers in the country supply us with Carnations and Roses and they will have fine, fresh (no pickled) stock.

Liberties

Always scarce for Christmas but we expect a large crop of medium stem flowers.

TRY TO GET YOUR ORDERS IN EARLY IF POSSIBLE

FLORISTS' SUPPLIES

Our supply department is the most complete in the West. We can furnish anything you need for the Christmas business and ship it with your Cut Flowers. Order one of our **Basket Novelty Collections,** specially for Christmas sales, $5.00, $10.00, $15.00, $20.00 or $25.00. Our new, fully illustrated catalogue sent in reply to a postal. It will save you money on every order.

A. L. RANDALL CO., 19-21 Randolph Street, CHICAGO

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$6.00
24 to 30-inch stem	"	5.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Short stem	"	.75
Bride, Bridesmaid	per 100,	$4.00 to 8.00
Chatenay	"	4.00 to 8.00
Meteor	"	4.00 to 10.00
Carnations	"	3.00 to 5.00
Mums	"	6.00 to 20.00
Valley	"	3.00 to 4.00
Violets	"	1.00 to 1.50
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25;	per 100, .15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50	" .20

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Uncle John
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Carnations

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Christmas Price List

		Per doz.
BEAUTIES—		
	Extra long	$12.00
	36-inch stems	10.00
	30-inch stems	9.00
	24-inch stems	8.00
	20-inch stems	6.00
	18-inch stems	5.00
	15-inch stems	4.00
	12-inch stems	3.00
	Short stems	$1.50 to 2.00
		Per 100
LIBERTY,	extra select	$20.00 to $25.00
"	No. 1	15.00 to 18.00
"	No. 2	10.00 to 12.00
"	short	6.00 to 8.00
RICHMOND,	extra select	20.00 to 25.00
"	No. 1	15.00 to 18.00
"	No. 2	10.00 to 12.00
"	short	6.00 to 8.00
GOLDEN GATE,	select	12.00 to 15.00
" "	medium	6.00 to 10.00
PERLE		6.00 to 10.00
BRIDES,	select	10.00 to 15.00
"	medium	6.00 to 8.00
MAIDS,	select	10.00 to 15.00
"	medium	6.00 to 8.00
CHATENAY,	select	20.00
"	No. 1	15.00
"	No. 2	10.00 to 12.00
"	short	6.00 to 8.00
SUNRISE,	select	18.00 to 20.00
"	medium	12.00 to 15.00
"	short	6.00 to 8.00
UNCLE JOHN,	select	12.00 to 15.00
" "	medium	6.00 to 10.00
IVORY,	select	12.00 to 15.00
"	medium	6.00 to 10.00
CARNATIONS,	fancy	8.00
"	good	6.00
ROSES	Our selection, short to medium stems, fresh stock	6.00

Merry Christmas

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RICHMONDS, BRIDES
BRIDESMAIDS
LIBERTY

CHATENAY AND PERLE
OF GOOD SUPPLY AND
SPLENDID QUALITY

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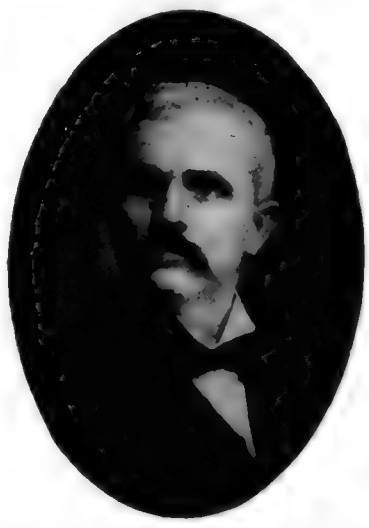
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VALLEY
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Happy New Year



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Merry Christmas

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HUNT'S PARLOR BRAND.

Read over our Price List and
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BEAUTIES	Per doz.
30 to 36-inch	$10.00 to $12.00
24 to 28-inch	6.00 to 8.00
15 to 20-inch	3.00 to 5.00
8 to 12-inch	2.00 to 3.00
Shorts	1.00 to 2.00

ROSES (Teas)	Per 100
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	10.00 to 25.00
Golden Gate	6.00 to 15.00
Chatenay	6.00 to 12.00
Kaiserin	6.00 to 15.00
Roses, our selection	6.00
CARNATIONS	4.00 to 5.00
" fancy	6.00 to 8.00

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Poinsettias	per doz.	3.00 to 5.00
Violets, double		2.00 to 2.50
Violets, single		1.50
Harrisii Lilies	per doz.	2.00
Callas	"	2.00
Valley		4.00 to 5.00
Paper Whites		3.00 to 4.00
Romans		3.00 to 4.00

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Smilax Strings	per doz.	2.00
Asparagus Strings	each	.40 to .50
Asparagus Bunches	"	.35
Sprengeri Bunches	"	.35
Adiantum	per 100	.75
Ferns, Common	per 1000	2.00
Galax, G. and B.	"	1.50
Leucothoe Sprays	"	7.50

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Rooted Cuttings, Roses and Carnations.

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Brides	$1.50	$12.50	Chatenay	$1.50	$12.50	Carnot	$2.50	$20.00	Perles	$2.50	$20.00
Maids	1.50	12.50	Richmond	1.50	12.50	Kaiserin	2.50	20.00	Am. Beauties	3.00	25.00

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CARNATIONS.

Enchantress	$2.50 per 100	Bountiful	$2.50 per 100.	Wolcott	$1.50 per 100.
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Azalea Indica, early and late var. in all sizes and well-budded; 8–10, $25.00; 10–12, $35.00; 12–15, $45.00; 15–16, $65.00 per 100. Myrthen, (standard) for 5 and 6-in pots, $25.00 per 100.

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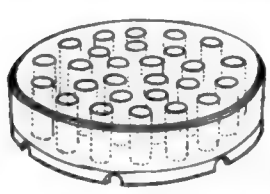
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THE RETAIL FLORIST.....

CHRISTMAS SUGGESTIONS.

The Prospects.

All the conditions are right for a wonderful Christmas trade this year. For the last half dozen years the volume of Christmas business has been steadily increasing, keeping step with the general prosperity of the country at large. Flowers being so distinctly a luxury to the great mass of the people, lean years for the working classes are comparatively barren years for the florists, but with everybody else doing business our trade does not fail to experience its share of prosperity; indeed, since the time when the average family has found its daily necessities supplied, the development of the greenhouse industry has been such as to surprise, not only those who are mere recorders of the general prosperity, but those who are closest in touch with conditions in our trade. The way the scriptural green bay tree flourished is not an illuminating comparison for the way our trade has thriven.

This season finds the farmer prosperous as never before; it finds the railroads taxed to the limit of their greatly enlarged facilities, their earnings greater than ever, their payrolls swollen by recent raises in wages; it finds factories working overtime and unable to keep pace with orders; it finds industry hampered by the lack of operatives to carry on the business of the day; it finds the whole country so completely employed that so good a business man as Sir Thomas Lipton, after a trip from New York to Omaha, declared that the whole history of the world shows no record of such great industrial activity as now prevails in the United States. Yes, it is going to be a good Christmas.

Trend of Trade.

In the last half dozen years there has been noted a pronounced change in the trend of holiday trade, which, now that it has spread from the leading stores in New York outward through succeeding stages until it has reached the levels where art is not the means to the end we all desire, is showing the inevitable reflex action. But plants, having come into so great popularity for Christmas and Easter, never can be entirely displaced—they serve too good a purpose. Indeed, although the men who led in the artistic embellishment and sale of plants as a holiday substitute for cut flowers are now turning their attention elsewhere, still thousands of those who do not depend upon originality for their business standing will this Christmas handle more plants than ever.

The vogue which plants have enjoyed at the holidays in the last few years probably was due as much to the difficulties of procuring enough satisfactory cut flowers as it was to the skilful use made of plants by the bright men who turned to them, not only as a means of satisfying the call for novelty, but as a means of increasing the amount of salable stock at a time when demand exceeded supply. And now plants will drop to a secondary place (if, indeed, they ever held first), not so much because the novelty has worn off as because the supply of cut flowers has become more nearly equal to holiday requirements; because cut flower growers are beginning to appreciate the suicidal folly of pickling, and because the enterprise that makes Rhinebeck violets an important item of stock in Chicago has made it possible for the wholesalers to satisfactorily supply the needs of retailers at the most distant points.

Importance of Requisites.

The popularity of plants was only achieved by virtue of the skilful use of the innumerable aids provided by the indefatigable dealers in florists' supplies. While it may be that the vogue for plants is on the wane in leading stores, it is certain that the use of artistic requisites is only at a beginning, for so great is the ingenuity of those engaged in their manufacture that it is impossible to find a place in which no one of these useful articles can be used without improved effect and generally increased profit. The supply dealer gets his share of the profit when the birth baskets go to mother and child, when the young man sends a bunch of violets to his lady love, when the wedding bells are rung, and when life's journey's done, to say nothing of our recurring Christmases and Easters and other happy occasions.

Especially at Christmas are requisites necessary and profitable. Many a bunch of violets may be made to sell a fancy hamper; many a cut flower order may be made to include ribbons at as great a profit as is made on the flowers; every deft addition of inexpensive embellishment adds to the satisfaction of your service, and when it comes to plants it is next to impossible to sell them at all except with some sort of decoration, if it be no more than a paper pot cover. In nearly every case the addition of the requisites adds to the selling value of the stock to such an extent that the profit on the supplies is a better percentage than is made on plants or flowers.

A Case in Point.

Take boxwood, for instance. The illustration gives only a poor idea of the attractiveness of the arrangement because the colors cannot be shown. As everyone knows, the boxwood is dark, lustrous green. The receptacle is the Pompeian ware, light green, unglazed, making a good contrast. The ribbon is holly red. The whole effect was such that the Chicago store that provided 100 of these for last Christmas sold them all at $2.50 each.

Now let us examine the cost: Plant, 25 cents; jar, 25 cents; ribbon, 10 cents; total cost, 60 cents each. They were designed to sell for $2, but they looked so good an extra 50 cents was added and



The Araucaria in its Holiday Attire.

readily obtained. Where general expenses are less than in a big city, and where cost of delivery is less, this might be sold at $1.25 to $1.50 and a satisfactory profit obtained. The plant in an ordinary pot, without embellishment, hardly would be salable at any price.

The Araucaria.

The araucaria is a good Christmas plant, because of the harmony of colors when it is embellished with holly red. The plant illustrated is Araucaria robusta compacta, less tall in proportion to its breadth than is A. excelsa. The addition of a couple of the Alpha Christmas bells, a few bows of narrow red ribbon, a birchbark, metal-lined box and the arrangement is good for $10 in a first-class city store at Christmas. Where a less wealthy trade is catered to a lower price would be necessary if any number were to be sold, but the same store that sold this decorated plant for $10 last Christmas only asked $4 apiece for the plants left unsold, so you can see that the combination of the holiday demand, the bells and the ribbon, was worth about $6. It is the same with all such arrangements, although the margin of profit is not so great in all, and, in fact, possibly it is better for the purposes of steady demand that it is not.

Another Good Seller.

The erica shown in another of the illustrations accompanying this article was a good seller last Christmas. The pot was covered with Porto Rican matting and tied with red chiffon, a bow of the same in the front. It looked to be easily worth the $5 or $6 asked, and a number of similar arrangements will readily suggest themselves to anyone who is making up a stock for holiday trade.

One advantage of the plant arrangement is that samples may be made up for stock display, and no more prepared until orders are booked; then they may be made up in spare time, ready for delivery. Thus the work does not all come at the last moment, nor is made-up stock left unsold.



Boxwood in Pompeian Ware.

Poinsettia Arrangements.

Pans and baskets of poinsettias are a staple item of Christmas stock. Pans with low-growing plants, say eighteen inches high, may be embellished with all sorts of pot covers and sell readily. Where good trade is handled a better profit may be made by transferring the plants to a basket and amplifying the decoration. The one pictured was a long, low handled basket of light green, such as any supply house sells at a dollar or so. Two of the small Alpha bells were added. The handle was supplied with a big bow of red ribbon and one of the country's leading retailers got $12 for the job last Christmas. When it is considered that there were three poinsettias and a few adiantums in the basket it may be appreciated that the good taste shown in the arrangement was a very profitable part of the work.

Plant Hampers.

In the last few seasons plant hampers of small size, for filling with adiantums, cocos, selaginellas, cypripediums, etc., have had a good sale. They are usually square, or nearly so. Some are made of dyed raffia, some are braided, and the more expensive are of silk or velvet. The one illustrated was green and red, with a velvet poinsettia on the cover and a bow of wide red ribbon. These are not useful except where first-class trade is handled, for $12 to $15 is usually the price for one well filled.

Baby Ramblers.

The Baby Rambler rose is a splendid thing for Christmas. Because of its dwarf growth it lends itself to all sorts of arrangements, but possibly to nothing better than to use with the twig baskets. The color of the basket adds to the effect. In the one illustrated the basket was long and the handle so low that it was obscured by the trusses of bloom. Selaginellas and asparagus were used to fill in between the basket and the roses. The handle was tied with a big bow of watered silk ribbon. This was a large basket and sold for $15 in a metropolitan store, but similar arrangements may be made, smaller in size, to cost only a dollar or two and sell for whatever margin of profit the trade will stand.

Birchbark Ware.

Birchbark ware has undergone many improvements since it first was put on the market and is now among the best of staple articles. It is in especial demand at Christmas and Easter. It may be used in so many ways that it is not necessary to recount them. One of the illustrations in this issue is a box nearly four times as long as it is wide. The coloring of the bark is of itself an attraction. It contrasts well with the green of the selaginellas, asparagus, primulas and cyclamens, the flowers of the latter red and white. A green ribbon bow was used. These arrangements may be made up in size and material to sell at from 50 cents to $10 and for a cheap, ready seller there is not much to beat them.

The Braided Basket.

A staple basket is the one of braided colored straw. It comes in handy every day in the year and if not sold for



The Basket of Poinsettias is One of the Standard Christmas Arrangements.

Christmas can be used in numberless ways. The one illustrated was of green and gold and was tied with watered silk ribbon running all around, with a bow at each corner. It was a large size, filled with cyclamen, dracaenas, ericas, asparagus and other plants. It is capable of being filled with almost any stock at hand and is such an article as should always be on hand in a variety of sizes and colors in every retail store.

SPORTS.

[A paper by Patrick O'Mara, read before the Horticultural Society of New York, December 12, 1906.]

It is with much misgiving as to my fitness for the task that I approach this subject, and willingly would I forego it entirely. It is to be hoped that at some future meeting some one competent to deal with it from its scientific aspect will be found who will address this body on the subject and treat it exhaustively, as I believe there are many of us who are intensely interested in it. The possibility that I may say something which will induce a further ventilation of the subject here is probably the motive which impels me to venture into it now. It is not my purpose to broadly consider the question of sports, but only to confine myself to a few of the leading varieties of cultivated plants which have originated in that manner, with possibly a passing reference to a few noted "seed sports," so popularly designated to distinguish them from those which have been produced by bud variation.

Definition of Sports.

A "sport," as popularly understood among florists and gardeners, is that portion of a plant which assumes one or more characteristics essentially different from the rest of the plant, either in flower, foliage or habit. The vexed question among gardeners and florists is how this change takes place, to what prime cause can it be ascribed. I candidly confess to knowing little of what science has imparted on the subject, but that little leads me to believe that nothing definite has been enunciated.

The preponderance of opinion, as far as I have noticed it, seems to be that sporting is due mainly to conditions of growth, or to put it in one word, environment. This cause is not accepted by the vast majority of growers as responsible for the phenomena of sports, the general belief being that it lies in the blood, to use the vernacular, or, to put it in one word, heredity.

Environment or Heredity.

In his paper presented to this society March 8, 1904, Prof. L. C. Corbett said: "Sporting, then, may be encouraged by extreme conditions. Either extreme feeding or extreme poverty may induce plants to sport. Severe changes in climate or soil conditions may result in decided changes in stature, habits of growth and fruitfulness, which are as marked attributes of a sport as are changes in the color of foliage or fruit."

This is undoubtedly true in the abstract, but it is when brought to bear on concrete cases that it fails to fully satisfy. If by extreme feeding is meant the culture given to roses, for example, by florists and gardeners, when forced under glass for winter flowering, the question arises why more sports are not developed. When thousands of growers are forcing the same variety, it is not always the one who is feeding his crop the heaviest that finds it produces a sport. The fact, too, that a few varieties alone have displayed sportive tendencies to the extent of producing new sorts, strengthens the conviction that the cause lies in the blood.

Rose Sports.

The rose Catherine Mermet has been the most prolific in sports of the many which have been grown for cut flowers. Its greatest descendants as sports are The Bride and Bridesmaid, the latter displacing the parent entirely. If feeding was the prime cause, why did not many growers find a Bride and a Bridesmaid? Catherine Mermet also produced Waban and, I think, one or two other sports which have disappeared. Parti-colored sports have appeared occasionally in The Bride and now a grower has one beautifully striped white and pink, the latter being the Bridesmaid color and largely predominating.

Maman Cochet produced a white sport, and in this connection I would say that when a neutral shade like pink is produced, it seems that the combination which produced it carries with it the ten-

dency at some time to produce a white sport. The rose we know as American Beauty has produced two pink sports—American Belle and Queen of Edgely—and it is not too much to expect that from these if largely grown would emerge a white sport.

From the rose Safrano came the yellow sport, Isabella Sprunt, and from Perle des Jardins came Sunset; from the latter, I believe, came Lady Dorothea; from Golden Gate came Ivory; from Bon Silene came the striped rose, American Banner, which in addition to the change in flower showed a marked change in foliage, being decidedly rugose. The latter characteristic is slowly disappearing under propagation; in fact, has almost vanished at the present time. Caprice, Striped La France and other striped roses coming from neutral tinted sorts, coupled with the fact that the other sports enumerated follow in the same line, are sufficient warrant for the belief that the combination which resulted in the parent sorts laid the foundation for the sports which resulted from them, and that the manner of growth had no part in it as a prime cause.

Cycle in Bouvardia.

The sporting cycle in bouvardia is very interesting and in results it exactly parallels the examples set forth relating to the rose. From B. Hogarth, a deep scarlet variety, issued B. elegans, a lighter-colored form, and from that issued B. Davidsonii, a pure white. It is interesting to note that two white sports originated at the same time, one in Greenville, now Jersey City, N. J., with Mr. Vreeland and offered as B. Vreelandii, the other B. Davidsonii. They were identical and as the Davidsonii was first on the market the other name was dropped. The original stock of B. elegans in both cases was purchased from Peter Henderson and the conclusion arrived at then was that the elements of change were contained in the plants, and that it would occur under any circumstances.

Subsequently a double white and a double pink variety were produced as sports, and later a dwarf variety, White Bouquet, sported from B. Vreelandii with William Bock, of Cambridge, Mass., who retained the old nomenclature (Vreelandii), having the same flowers as the parent, but a dwarf, bushy habit, about a foot high when in flower.

The fact that these sports were progressive in color leads to the belief that the cause for their appearance was within the plant rather than that their coming was brought about by outside forces. As bouvardias are largely propagated by root cuttings, it strengthens this belief.

Salvia and Abutilon.

An instance where at a bound a white sport issued from a scarlet variety is found in Salvia splendens alba. From Salvia splendens, at the base of the tube in the latter is always found a bleached white, which extends less or more beyond the sheath; therefore, the white sport seems a natural progression, as the subsequent striped sport is.

The double abutilon, a sport from A. Thompsonii and identical in its variegated foliage and color of flowers, is the only case of sporting which I can recall in that plant, although widely grown.

Progression in Colors.

The carnation sports are numerous and here again they are progressive. I can not recall, for instance, where a yellow issued from a red or white, or a white from a yellow or a crimson. It is when neutral shades are reached that sporting begins. The same is true of chrysanthemums and to a lesser extent of dahlias, both of which are very prolific in sports. It seems to be along well-defined lines of color changes then that sporting follows, and the layman may well be pardoned when he arrives at the conclusion that it is in the blood and is not brought about by growing conditions. If the latter theory was correct it seems to me there would be no limit to sports, while the limitations seem to be arbitrarily fixed, which is not the case with seminal reproduction.

When Habit Changes.

Another phase of sporting is when the habit of the plant is changed, some examples of which I have alluded to previously. Climbing roses issue frequently from dwarf sorts, particularly in the monthly class. As far as I can recall, the flower in such cases is always identical with the parent. In the hybrid perpetual, and hybrid tea classes, too, climbing sports are produced, but there is a difference very marked from the monthly sports. The latter are easily fixed and never run back, while the others to the best of my knowledge are never absolutely fixed, and thus are constant reversions, temporary and permanent, in individual plants.

The foliage sports are many, but I will only mention one, viz., the Golden Bedder coleus, which resulted as a sport from Lady Burrill, a variety with harlequin markings of dark red and yellow. It has never reverted.

While on the subject of coleus, I cannot forbear from referring to a marked instance of the occurrence, wide apart, of a similar break in this plant. The golden-leaved coleus originated in England and was imported by Peter Henderson. Before the plants arrived seedlings raised from seed saved on the place from the old, dark-leaved sorts developed some golden varieties.

Seed Sports.

In Prof. Corbett's paper, already quoted from, he says: "Burpee's dwarf lima bean is a good example of a sport where the habit of the plant was markedly changed." This brings us into the realm of seed sports, wider and more complex than the other, and I do not mean to explore it to any extent.

Prof. Bailey is authority for the statement that: "Bud variation and seed variation are one in kind;" and again: "I am ready to say that I believe bud variation to be one of the most significant and important phenomena of vegetable life, and that it is due to the same causes, operating in essentially the same way, which underlie all variations in the plant world." Again he observes: "I want to express my conviction that mere sports are rarely useful. Sports are no doubt the result of very unusual or complex stimuli or of unwonted refrangibility of the energy of growth, and not having been induced by conditions which act uniformly over a course of time they are likely to be transient." Again: "The vexed questions associated with bud variation are not yet greatly elucidated." Again: "All these conclusions prove the unwisdom of endeavoring to account for the evolution of all the forms of life upon any single hypothesis; and they illustrate with greater emphasis the complexity of even the fundamental forces in



The Aristocrat of Plant Arrangements.



Birchbark Box of Cyclamens and Selaginella.

the progression of organic nature." Again: "Now this matter of bud variation has been a most puzzling one to all writers upon evolution who have touched upon it. It long ago seemed to me to be inexplicable, but it is no more unintelligible than seminal variation of plants."

These quotations from "The Survival of the Unlike" are introduced to show how contradictory even an eminent authority on the subject can be, at least so it appears to me, a layman. If I understand him at all, it is to the effect that all sports are the result mainly of the conditions under which the subjects are grown; that all variations are of a sportive character; that the difference between well-cultivated and poorly-cultivated plants is a sportive one.

The average florist and gardener is hardly prepared to accept that view; perhaps the reasoning is too subtle for him to follow. He knows that no cultivation of which he is master can make a poor variety as good as a good one; he knows that sports, as he understands them, are sporadic and many believe that by a careful study of heredity on the part of scientists the law governing sports might be discovered.

The Dwarf Bean.

But to return to the lima bean. Here again we find a cycle of change. Three sports appeared within a very short time, almost simultaneously, viz., Kummerle's, subsequently called Dreer's; Henderson's, the latter appearing with several growers at the same time, and Burpee's. Of the origin of the first two I have no specific knowledge; they merely happened; but as to the last, the raiser (I had almost said the creator) claimed that a horse trod on a plant while it was young, that it never grew to be a climber, and that the beans reproduced dwarf plants. This was generally known in the trade and more than one grower crippled vine plants in an effort to develop a dwarf, but without success.

The White Plume celery is another notable example of a seed sport, and once the break came others followed.

Fern Sports.

I had almost forgotten to mention the latest and most interesting forms of sporting, viz., the ferns which have sported from the Boston variety. If I remember correctly, when that variety first made its appearance, there was considerable discussion as to what it really was, and it was finally classified as a sport from Nephrolepis exaltata.

Darwin said: "Of all the causes which induce variability, excess of food, whether or not changed in nature, is probably the most powerful." Here again we have the food question. The florist and gardener believes that the amount of food which will bring his crop to the highest perfection is not excessive; possibly he is wrong. The excessive amount is that which will cause deterioration, and it is not under such conditions that sports have appeared with him. It might not serve any useful purpose, yet it seems to promise an interesting field of study for some of our scientists to thoroughly examine into sports obtained through bud variation under domestication in an effort to clear away the mists which now surround their origin.

TROUBLE WITH MIGNONETTE.

Can you tell us what to do with our bench of mignonette? The seeds were sown the latter part of July in solid beds and we left three and four plants in each hill. They were not pinched back, as I was told we would get better blooms by growing them that way, and now the plants are three feet high and touch the glass. We have bent them over, but they keep growing up. The center stalk is very strong and the side shoots are about the size of a lead-pencil and we can just see the bud in some of them, while the center stalks have buds the size of a silver quarter. The frost on the glass will kill the buds. Now what we would like to know is, shall we cut the center shoots and thin the side shoots, as they are very thick? Will the second crop be all right? We feel worried about it, as we have about 600 plants and if we don't do something we will lose the entire lot. A. R. & S.

You do not say at what temperature you have kept your mignonette. From its present condition I would say that it has been too high. After wintry weather arrives and you have to depend on artificial heat, with little opportunity to give free ventilation, the temperature at night should not be over 45 degrees, and a few degrees lower will do no harm. The time of sowing was all right, but you should have left only one plant to a



One of the Staple Styles of Plant Hampers.

hill and the plants should not be closer than one foot. When the little plants were three or four inches high the center of the leading growth should have been pinched out, which would induce a strong lateral growth. By all means cut out the long center growth now. Cut down to within four or five inches of the last lateral growth and if not too hard and woody you will get more side shoots. As the lateral growths lengthen keep them tied up. This is not a big job, as a slender stake and piece of white twine loosely encircling the growths is all you want. Keep the night temperature down to 45 degrees and give ventilation on all possible occasions, even if it is only an inch crack, and that's all you can do. With this rational treatment you should cut mignonette from New Year's on to July. If you did not do it this year, please remember another year that mignonette should be planted only on a bench or bed that has the fullest exposure to light. It is useless on a shaded bench. W. S.

MISCELLANEOUS SEASONABLE HINTS.

Winter Protection Now Needed.

At daylight Wednesday morning, December 5, the thermometer stood just at zero, and in the northern parts of New York state 14 degrees below. This is rather sudden, and reminds us that it is time to assume our heaviest overcoats and give fullest protection to our patient plants and bulbs, which we shall later bring into the greenhouse. It is well not to be too early in covering the hardy bulbs. They have been, since putting in the flats, covered with three or four inches of soil. If the frost has gone into this soil two inches all the better, but now it is time to put on five or six inches of stable litter that is mostly straw. This covering is not applied so much to protect the bulbs from injury as to prevent the whole mass, covering and flats, from freezing up tight, which makes it a troublesome and laborious job when you want to get in a few dozen flats.

Bulbous Stock.

This reminds me that if you examine your flats of Von Sion narcissi and find them well rooted, you can now bring in a supply that will do you for the next two months. I would by no means advocate this treatment in the case of early tulips, for the tulips are better left out in the cold earth until you want to put them into a forcing heat. With the narcissus it is different. You can bring them in and put the flats beneath a bench in a cool house. They will go on rooting and growing slowly and you can put them into a stronger heat to force as you desire.

Unless for special demand, don't bring in any of the early tulips before December 20. There are other flowers in abundance and if you only get fifty per cent of good tulip flowers that does not pay.

In case I should not remember to mention it in future notes, don't attempt to force tulips or the Trumpet narcissi unless you have the proper facilities, which are, for January flowering, a top heat of 80 degrees to 90 degrees with a heavy shade over them, plenty of water at the roots, but not a violent heat at the roots.

A good material for shade for covering your forcing house is ducking, which in every city can be had second-hand from people who supply this material for covering floors. If somewhat soiled, it is none the worse for our purpose.

Don't let any frost touch the bulbs or tops of Paper White narcissi and don't let much frost get at your Roman hyacinths.

Cover the Roses.

Hybrid roses that were laid down outdoors last month, and covered with three or four inches of soil, will now want a covering of leaves or long, strawy stable litter or it may be difficult to get them out about the middle of next month. That will be about the time you must get them started for the coming early Easter.

Valley for Early Use.

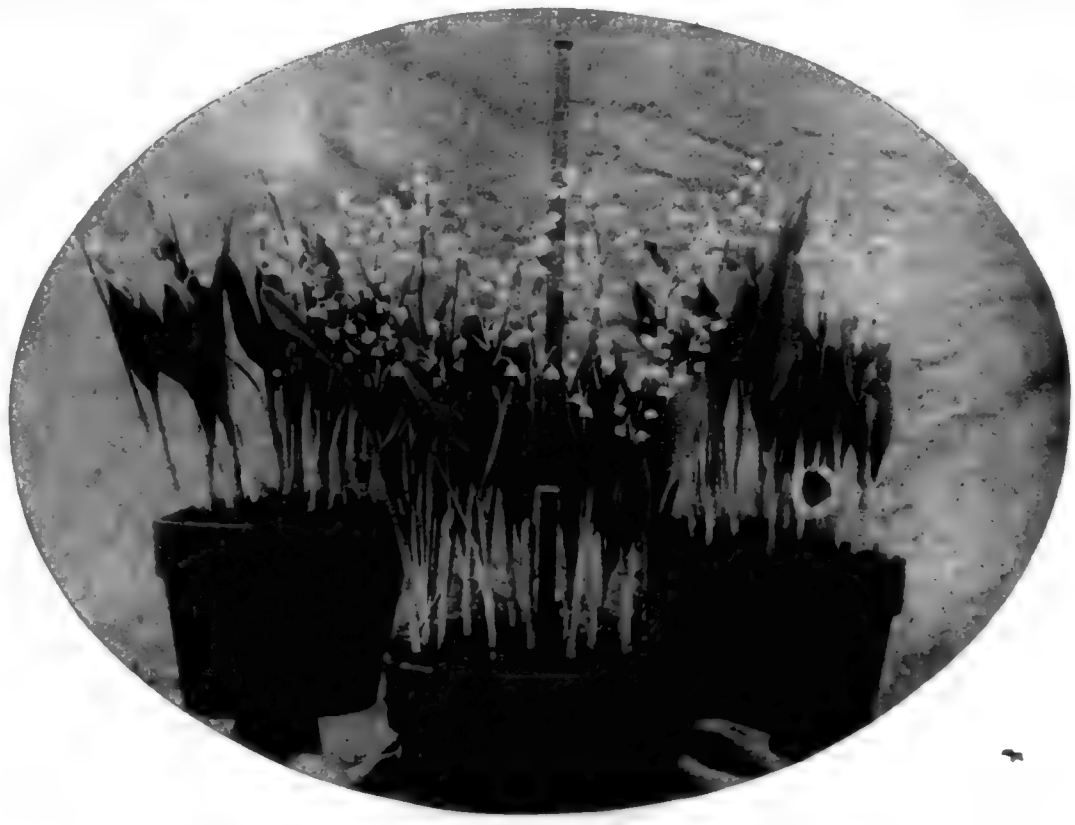
Lily of the valley pips that are out in frames and covered with a few inches of soil should not be exposed to frequent rains or melted snow. Whether freezing of the pips is essential we are not prepared to say. We are aware, however, that if not exposed to sudden thawing few of our plants are more hardy. For Christmas and New Year's you must rely on the cold storage stock, but the fall imported pips can be had in good flower a few days after New Year's. The conditions required by these cold storage pips and by the freshly imported ones are almost exactly opposite. The cold storage pips have been anxious to flower since last May and have been prevented because growth has been arrested by a temperature a few degrees below freezing. So anxious are they to grow that as soon as released from the cold, life and growth will start. If received from the cold storage house while the pips are actually frozen, let them thaw out slowly. Now, it is evident there is nothing in the shape of forcing needed with these retarded little flowers. The requisites are a temperature both at root and top of 50 degrees to 60 degrees, no bright flashes of sunshine and no draughts of cold air. The florist who forces hundreds of thousands of the delicate flowers knows about the process. I am writing for that more numerous class who force 5,000 or 10,000 roots from New Year's to Easter and who can begin with his first batch of November imported roots about December 15.

Case for Valley.

A few years ago I took some trouble to write up the details of a frame inside a greenhouse that was used very successfully. It was simply six inches of sand on a slate bench with four 4½-inch hot water pipes which kept the sand for early forcing up to 85 degrees. The temperature of the house was 60 degrees. We shaded with a wooden shutter for two weeks, then for the next week a shading of cheese-cloth, and the last few days gave them the full light. The frame was so arranged we could water the sand between the rows of pips without wetting the bells, a very important point. Having to use this house for forcing Easter lilies, we had to raise the temperature in March up to 70 and 75 degrees and that was too high for the valley, which became weak.

Valley Under Benches.

Last year we tried another plan which was a surprising success. It was one anybody can use who has two hot water pipes beneath the bench. We put twelve to fifteen pips in a 6-inch pot in ordinary potting soil, covered with an inch of sphagnum and placed the pots on the pipes, not actually in contact with the pipes but kept off with two pieces of lath. We used soil in preference to sand because it does not dry out so fast. We



Valley Forced on Hot-water Pipes Under a Bench.



Twig Basket of Baby Rambler Roses.

left the pots on the pipes until the bells on the flower spikes could be easily counted. Then they were lifted to the bench in the full light and carefully watered, not wetting the flowers, and shaded from bright sun. They were uniformly fine. I am sure ninety-five per cent of the pips thus treated gave us fine spikes. So there is more than one way of doing some things.

I think it is a mistake to cut the roots off short. We shortened the roots only one inch. We have seen the roots chopped off to within three inches of the base of the pip and the flowers were poor.

Christmas Plants.

Whatever you need in the way of Christmas plants, procure at once. Don't delay until the last day or two and then telegraph and have to take what is left. Whatever popular flowering, fruiting or decorative plant you are short of you should buy. If in the retail business you can't afford to say, "I don't want this and that, for I have plenty of so and so." You must keep up with the fashion, even if you come out only even on the stock you have to purchase.

Storage for Greens.

Holly and ground pine soon will be arriving. Just a word now in reference to their care. If you can't unpack the green at once, then keep out of doors, but cover the sides of the crates with matting, old carpet or some material to keep daylight away, for all that is exposed to the light will turn brown. The holly tree endures frost, but that's no reason why the holly branches should be exposed to zero weather outside. Store the cases in some cool, dark room. A few degrees of frost won't hurt, but severe freezing will cause a loss of many berries, and what's holly without the berries?

Protecting Pansies.

About this time of the year we usually have something to say about covering pansies that have to face our cruel, cold and treacherous winter, but annually we hear the same dialogue in April:

"How are your pansies?"

"What's alive are looking fine, but they got winter-killed, many of them."

Go into the woods and get a load or two of evergreen boughs and place them lightly over your plants. There is no covering so good as evergreen and no evergreen so good for the purpose as the hemlock, Abies Canadensis. Its branches are broad, and spreading, and light, and curve up at the ends, so by reversing their order of growth and putting the convex shape of the branch upwards they lie lightly on the plants. Straw thinly laid over the plants may sometimes do good, and sometimes it rots the plants.

WILLIAM SCOTT.

PECKY CYPRESS.

Pecky cypress is about the most unhandsome wood one could imagine. If a person knows nothing about it, its appearance is that of being already well rotted when it is just from the mill. The holes in it are not rot, nor do they seem to be the work of borers. Just what is the cause of the ill appearance lumbermen are not able to say with certainty. But on the theory that handsome is that handsome does, greenhouse owners have taken a great liking to Pecky cypress. The big growers around Chicago are using nothing else for their bench material. The first cost is about the same as hemlock, and it lasts so much longer that the cost in the end is only a fraction of the cost of other lumber. Poehlmann Bros. Co. used 250,000 feet of Pecky cypress in the benches they built last spring. Peter Reinberg now has three cars on the track for unloading and his order for immediate delivery is 100,000 feet. The Adam Schillo Lumber Co. has 700,000 feet of Pecky cypress in Louisiana, drying for delivery between now and spring. These are boards 1x6 and from eight to twenty feet long, being selected so that they will just strike the crosspieces of benches built on posts four feet apart. Since the cypress mills have found so good a demand for Pecky cypress among greenhouse owners they have advanced the price. At Chicago it is now worth about $22 per 1,000 feet in carload lots.

CHARLOTTE, MICH.—The Fuller Floral Co. has opened a flower and candy store in the Foster block.

PONCHATOULA, LA.—Annie H. Parkhurst recently erected a range of four 300-foot greenhouses for vegetables.

NEW BRIGHTON, PA.—Mrs. H. A. Hewitt, formerly of Beaver Falls, has leased the Junction Park greenhouses here.

CHRYSANTHEMUMS

SALABILITY OF MUMS.

The production of chrysanthemums this season has been the greatest on record; also the season has been peculiar in that with many growers chrysanthemums were later than usual and the blooming seasons of many varieties seemed sadly mixed: the early sorts were late and in many instances the late sorts bloomed before the midseason ones were ready. The result has been that, generally speaking, the chrysanthemum season has been short; it was late in beginning and early finished.

Growers make widely varying reports as to the financial results of their chrysanthemum crops. Those who were fortunate in having early mums obtained splendid prices in practically every market throughout the country. As the midseason sorts came on the supply naturally forced prices down and at the time of the glut values were fully as low as in any previous year; in fact, in many markets it is asserted that during the height of the season the average prices were the lowest in some years. But the glut was of shorter duration than usual, and as soon as supplies shortened up prices advanced, particularly on such stock as could be called good, though a large part of the late stuff is not usable in the best trade. The late cut has again realized fair values and those who have good flowers coming on up to Christmas may rest assured of satisfactory returns.

The lesson which growers may learn from this season's experience is that the effort should be toward procuring early cuts of desirable quality and toward procuring late sorts to bloom after the midseason glut is over. There is no money in mums when they are being marketed by the million.

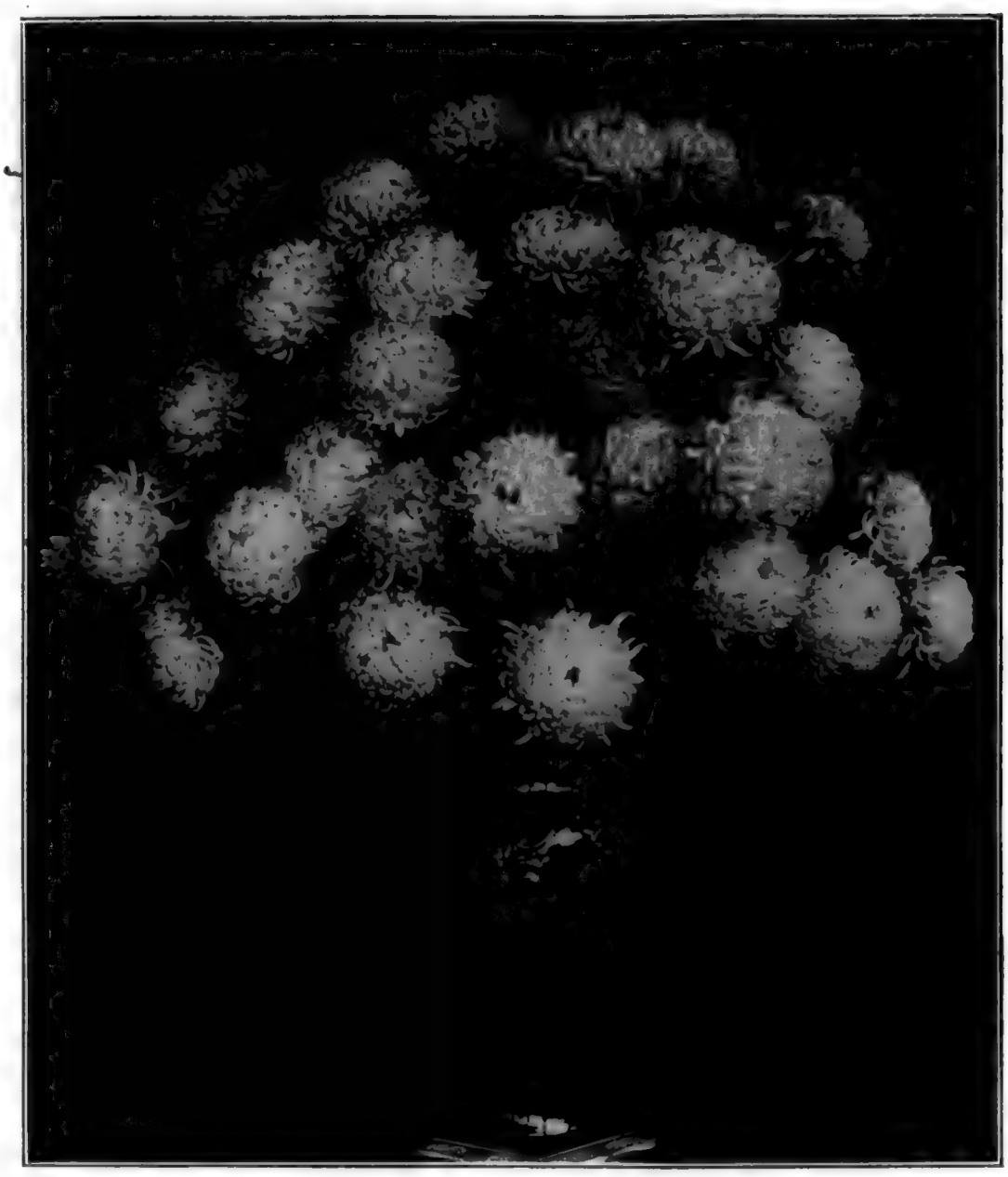
WHITE MAUD DEAN.

The accompanying illustration is from a photograph of a vase of chrysanthemums which is a white sport of that splendid commercial variety, Maud Dean. We are aware that Dean has sported in other places, and an excellent authority tells us of two firms which sent out white sports of this famous variety. But are sports always identical? We believe not necessarily so. Note how widely different are the sports of our two leading florists' flowers, the rose and carnation. The two greatest roses of the day, by far the most commercially important, are each sports, having come from that fine rose, Catherine Mermet. You will remember that previous to the advent of Bridesmaid there were at least two pink sports from Catherine Mermet, which were largely tried and found wanting and dropped into the rubbish pile. Then from Bridesmaid came the glorious Bride. Then again from Mme. Cusin came Mrs. Morgan and Canadian Queen, very dissimilar. Then from the same carnation we have a great variety of sports, the Lawson in particular, and later that grand variety, Enchantress, has given us many varieties. We have used the term sport because it is brief and generally understood, but the immortal Charles Darwin in his book, "Plants and Animals Under Domestication," terms what we gardeners call a sport a bud variation, which sports truly are. It is true that bud variations usually differ little from the stock from which they came except in one important feature, and that is color, which is important to a florist, but of little value to the naturalist. In judging a horse or cow, a dog or fancy fowls, all points of the breed are considered of more value than color.

In the case of this white Maud Dean, what better character would you want for it than to know that except in color it is identical with the famous variety from which it came. It is as easy to grow; it will bear two or even three good flowers to one plant; it can be planted early or late and possesses the neat foliage, fine stem and all-round excellent habit of old Maud Dean.

Some of the flowers in the photograph show the eye and in this sport there is a faint shade of pink surrounding the eye at the base of the petals, but when given time to incurve its petals, showing no eye, it is a pure white flower. The highest character we can give it is found in the fact that our best customers or admirers of the chrysanthemum, who are willing to pay $4 or $5 a dozen for good flowers, pass by Eaton, Chadwick, Jones and other fine whites and choose this white sport. It originated with the Wm. Scott Co. four years ago, but not until last year did we realize its great value, because we did not have enough to let a few dozen come to their genuine perfection.

William Scott.



Scott's White Sport of Maud Dean.

A BRITISH GROWER'S VIEW.

In the Special Autumn Number of the REVIEW appear notes on varieties in which C. H. Totty specially mentions Mrs. Henry Barnes. Judging by the blooms grown here it is difficult to understand how flowers of this color can be appreciated in the United States. Here it is dull, although up to the English standard in size.

Mrs. A. T. Miller is certainly the best white, either old or new, seen here this season and it is remarkable that in both your country and this it is classed as "rather early."

E. G. Hill says, on page 1713, that most of the varieties which are a success here are grown from the crown bud, while the American grower depends on the terminal. The English judges place size first, but when they write of the varieties they put color first. Hence exhibitors go for size and the terminal bud does not give it.

We are following the American method of exhibiting in vases and I trust ere long we shall give more attention to color. At present with us a variety may have beautiful color and be good in form, but unless it is large it stands no chance to win.

The form preferred by the American grower is that which is known here as an incurved Japanese, such as W. Duckham and Mrs. Jerome Jones. Flowers of this form certainly pack easily and are therefore best for the market trade, but we prefer, and I think rightly, too, a shaggy Japanese; that is, a bloom with long, drooping florets of medium width which are the making of a deep solid, yet elegant flower.

Single-flowered chrysanthemums are now much in demand, but I do not think they will ever become popular as market flowers, much as they may be appreciated by the private grower. It is quite as costly to grow these properly as it is the larger ordinary market flowers, but purchasers expect a much larger bunch for their money than is generally afforded by the single-flowered chrysanthemums.

Returning to the novelties in Japanese likely to suit the American trade, preeminently as the best stands Mary Donnellan. It is of the richest golden yellow and very brilliant, of the color of Buttercup, but superior; florets are wider and the flower is much larger, bolder and fuller than that variety. It is also right in stem and foliage. I predict great popularity for this among the American growers for several years to come.

Exmouth, England. W. J. GODFREY.

STOCK PLANTS.

I wish to raise 2,500 chrysanthemum plants. How many stock plants will I need? Please give me a list of best paying early and best paying late sorts. A. R. W.

Figuring out a healthy plant to be good for twenty cuttings, A. R. W. would need 125 stock plants to furnish him with what plants he needs. Some will go above and some below, but the average should work out as given.

A list of the most largely grown would be about as follows: Early, Polly Rose, Alice Byron, C. Touset, white; Monrovia, October Sunshine, yellow; Montmort and Pacific, pinks. Late kinds, Chadwick, Eaton, Mrs. Swinburne, white; Yellow Eaton, Yellow Chadwick, Nagoya and Mrs. Geo. Beech, yellow. Maud Dean is widely grown yet for late pink, but it is very poor now. When some of the newer ones have proved their worth we may have something better. C. H. T.



An Erica in the Indispensable Porto Rican Mat.

CHRYSANTHEMUM DAKOMA.

In the REVIEW of November 20 we notice a reference to Chrysanthemum Dakoma. On the whole, the fluent pen of the editor has so arranged this announcement as to make good reading, and doubtless it is good advertisement for the variety. Yet the article is so constructed that it presents a tinge of disappointment, or at least might be so interpreted by those unfamiliar with the fact.

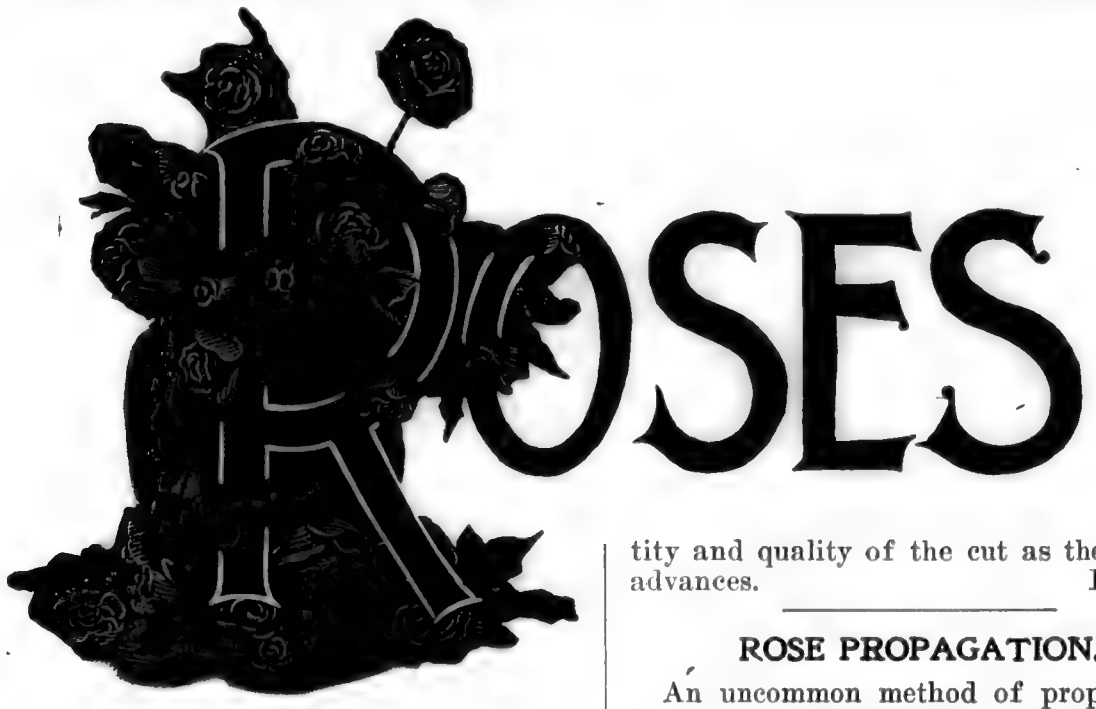
This is far from being our motive, for we have learned in our twenty years' experience with chrysanthemum shows to abide by the judges' decision and look happy. For want of time it is needless to go into details regarding the excellence of the committee's work. We certainly respect their judgment and are satisfied in every particular.

To our knowledge, there is no great sin in offering a variety which has not been approved by the committees. It has been done before; for instance, we sent out Ethelyn in 1903, Uncle John in 1904, and Tioga and Mayor Weaver last spring, under these conditions. In full justice to all concerned, it is only fair to state the last two mentioned were not submitted to the committees.

Certificates awarded by the C. S. A. have a tendency to increase the demand for varieties so endorsed and thus are a financial benefit to the recipient, but they do not affect the quality of the variety. There is no warranty, express or implied, that insures the same high standard when grown by others, or prevents them from being brought to a higher state of perfection.

The reason for taking this course is simply this, our present year's seedlings have given a rather large number to grow on for next season, and as our space is rather limited we had one of two things to do: either dedicate what we considered two good varieties (Dakoma and Ialene) to the dump, or disseminate them.

Our method of judging seedlings is, comparing them with other good standard sorts, and believing there is a place for both of these, have decided to send them out on their merits as they appear to us. NATHAN SMITH & SON.



SEASONABLE SUGGESTIONS.

Necessity for Conservatism.

During the next two months the greatest care will have to be taken to maintain vigor and health in all the varieties, as the steady firing, accompanied by short, dark days, has a debilitating effect on the plants. Crops are so short and prices so tempting that many will be induced to resort to forcing tactics to forward the cuts.

As a rule plants are in no condition at this season to bear any extra strain and the growers who resort to forcing are running a big risk of losing or materially injuring the succeeding crops. Experts have their own favorite means for hastening a crop, but with all their knowledge, care and skill there is still an element of danger which it is better to avoid if possible.

These conservative growers who exercise patience and study deliberative growing and who make the health of their plants their first consideration are more likely to have the most satisfaction at the end of the season.

Owing to the lack of sunshine, the wood and foliage are of a much softer character than usual and if the temperature is increased the trouble will be augmented and the wood for succeeding crops will be of inferior character, deficient in stamina, and will be disappointing for propagating purposes.

Ventilation at this time should receive the greatest attention, night and day, missing no opportunity to give all that the weather will permit.

Fuel being so expensive, it seems like foolishness to advise free ventilation while firing has to be kept going, but this is absolutely necessary to the health of the stock and those who will not and those who can not are sure to feel the consequences sooner or later.

It must also be borne in mind that the vitality of the plants is now at its lowest and that they cannot use so large a supply of food, and as evaporation is also low at this season the supply of water will also have to be carefully regulated according to the limited wants of the stock. Liquid feeding once a week during bright weather will strengthen the wood and help to develop the cut.

Careful watching to ascertain the wants of the plants and to supply these at the proper season is one of the principal duties of the grower and the ability which he displays in fathoming this problem will be reflected in the quantity and quality of the cut as the season advances. Ribes.

ROSE PROPAGATION.

An uncommon method of propagating roses that are difficult to raise from cuttings is noted in the Oester-reichische Garten Zeitung for this month. In the garden of Carboni Giovanni, at Allva, in Piedmont, an interesting mode of propagating roses with the utmost certainty of them rooting consists of placing a funnel of tin on the shoot to be propagated, after ringing the rind in the month of July, and then filling the funnel with soil and moss. The ringing compels the forming of a callus; and the shoot is severed in the month of September and planted as an ordinary cutting. Our rosarians might find in this Italian method a ready means of overcoming a common occurrence in the propagation of other plants than roses.—Horticultural Trade Journal.

AMERICAN ROSE SOCIETY.

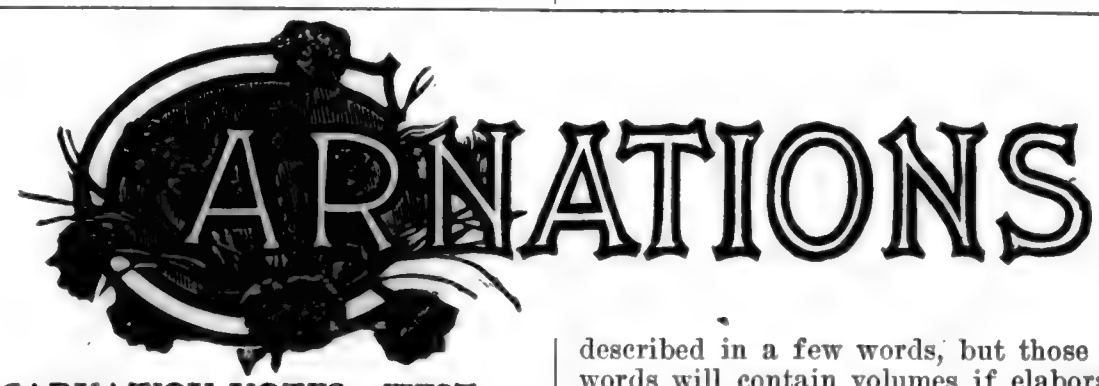
The president of the Washington Florists' Club, Peter Bisset, notifies us that Mrs. S. C. Briggs offers a cash prize of $10 for six or more blooms of any new rose never before exhibited. This prize is given especially to encourage private gardeners, who would be likely to show six blooms, but would not be able, owing to limited space, to show a greater number.

The H. F. Michell Co., of Philadelphia, offers a cup valued at $25 for a vase of Richmond rose to be exhibited next March, and Miss M. L. Hammond, of Fishkill-on-Hudson, N. Y., offers a $5 gold-piece for the prettiest exhibition in the hall, to be decided by some three Washington ladies visiting the exhibition. Benjamin Hammond, Sec'y.

LILIUM PHILIPPINENSIS.

This new white trumpet lily seems destined to become of very great value to both private and commercial growers. The short time necessary to flower it after potting surprises all who are growing it for the first time. We found last year that it was all the introducers claimed for it and from a batch of small bulbs potted September 8 we cut flowers December 3 this year. These bulbs were grown in a coldframe for nearly half that period or would have flowered earlier.

The long, pure white, sweet scented flowers arrange beautifully in vases. The stems are sufficiently strong, without being too rigid, as is the case with other forcing liliums, and the foliage is so much more graceful than that of other lilies that any flower lover would not hesitate a moment which variety to select when both were purchasable. For floral designs this lily is superior to any other white variety and we fully expect it will in a few years be as much a market necessity as Harrisii and longiflorum now are. Six or seven bulbs may be grown in a 6-inch pot or pan and a dozen or more in an 8-inch pan for a good effect. W. N. C.



CARNATION NOTES.—WEST.

The Art of Propagating.

What I have said in the last three numbers is what might be termed the mechanical part of propagating. Any man with ordinary judgment will readily understand how to proceed as far as getting the cuttings into the sand in first-class shape.

But now we come to the real art in propagating and I will say that it is impossible for any one to give you this information as completely as you will gain it from experience. There are so many little points and turns and tricks that one can not cover the subject completely offhand. Every morning brings its new phases and only after looking over the situation can the propagator decide on the course to be pursued that day. Each batch of cuttings will have to be handled somewhat differently, too, according to the time of the year and the kind of weather that prevails, etc.

The condition to be sought for can be described in a few words, but those few words will contain volumes if elaborated on so as to cover every detail. It is just this: keep your cuttings in a fresh condition, but wet the foliage as little as possible, and give all the light they will bear. Be sure the foliage is dry at night. If you can keep the cuttings in this condition for three to four weeks you will be sure of success. You will soon discover that it requires fine judgment to keep within the proper bounds in every direction and to not overstep in one way while trying to go the limit in another direction which may seem necessary.

Most Frequent Cause of Trouble.

Perhaps the most frequent cause of trouble, especially with beginners, is in allowing the cuttings to become wilted and it is the quickest way to ruin a batch of cuttings. A carnation cutting that is badly wilted might as well be thrown out at once. It will seldom freshen up and amount to anything and in trying to freshen it up you are apt to bring on other complications that will render it unfit even if it does finally



House of Aristocrat Carnation at Joliet, Ill.
(Photographed December 1, 1906.)

root. So you will find, to begin with, that it is necessary to keep the sun off them, at least until they begin to root. What I mean by the sun is the warm rays that will cause wilting. When the sun first comes up in the morning and before it sets in the evening, while it sheds considerable light, yet it is not warm enough to cause any wilting and a few minutes of such light will do no harm. But be watchful at such times and do not let them have too much of it. Until you become somewhat familiar with the work you will do well to let down the curtain at first sight of the sun and raise it in the evening when the sun's rays cease to strike the cuttings. At this time of the year that will be an hour or so before dusk and will give the moisture a chance to evaporate before dark.

Avoid Draughts.

A more frequent cause of wilting, because it comes often, even when you have prepared against the sun, is from draughts of air passing over the cuttings. On a bright day you may have to open the ventilators to keep the temperature down and the wind may be blowing considerably. Not only will a gust of wind enter at the ventilators occasionally, but evaporation is rapid and you will find it difficult to keep the atmosphere in the house charged with moisture properly. Such a day is worse on a batch of carnation cuttings than any other that I know of. Wetting down the walks and under the benches helps somewhat, but only temporarily and partially.

One is tempted to spray the cuttings frequently, and it is necessary to a degree, and there is where the trouble begins. If you will spray just enough to sustain the cuttings during the ordeal and so they will dry off by night, all is well, but in your anxiety you will likely spray too late in the day and the cuttings will stand with moisture on them over night. If this occurs only at long intervals it may not result seriously if conditions are returned to normal the following day, but if it occurs repeatedly trouble will surely follow.

Rust.

Varieties that are inclined to rust will develop a case of that disease. Others will develop the common leaf-spot or fairy-ring or the common cutting bench fungus. Any of these will soon ruin a batch of cuttings and all are caused by too much moisture on the foliage. On such days as this, instead of spraying the cuttings I would suggest that you lay newspapers over them besides lowering the curtains. The curtains will keep off the draughts and the papers will arrest evaporation and if the sand is fairly moist there will be sufficient moisture under the paper to sustain the cuttings in fine condition. Remove the papers as soon as it is considered safe; too much dense shade is not good for the cuttings either.

Avoid Too Much Spraying.

We often hear it said that you should spray the cuttings every day or water them every day. Either is poor advice and should not be taken seriously. Such advice does not apply any more to cuttings in the propagating bench than it does to plants growing on the bench. You will often find several days in succession when the weather is dark and gloomy and the atmosphere is laden with moisture. You will find it necessary to run steam around and to keep the ventilators open to dry off the excessive moisture in the house. To spray cuttings on such a day would be utter folly.

Watering should be done when it is needed to keep the sand in a uniform moist condition, but it should never be watered enough to keep it in a soggy condition. Much will depend on the weather and the amount of firing required; also the grain of the sand. You may have to water every day or two sometimes, but at other times you may not need to water more than once in a week. Examine the sand in the morning and consider what kind of a day is to follow and make allowance for it. In the evening after a warm day the sand is likely to look dry on the surface, which may deceive you.

Keep Close Watch.

Look over the cuttings carefully every day and if you notice any that are badly wilted or begin to decay pick them out and destroy them. You will frequently see such a one here and there without apparent reason. If left to decay it may start cutting bench fungus and cause you all kinds of trouble. If this fungus does put in its appearance you will do well to pull out all the cuttings in its immediate vicinity. Take out the sand and sprinkle around the edges with lime and sulphur. However, if you start with good sand and keep up proper conditions it will not appear.

Spraying with formalin will help, too, but I do not advise spraying nor dusting with any of the remedies you use on the growing stock when it can be helped and never with as strong doses. Cuttings are not able to stand as strong doses as growing plants. A pinch of sulphur dropped here and there on the steam pipe under the propagating bench will help to keep the atmosphere pure, but do not overdo it, as it has a drying effect which under certain conditions would work harm.

You will find that during December, January and February, the weather is usually such that you can control conditions in the house fairly well without exposing the cuttings to high winds and drying elements, and propagating is much easier and safer than it is later in the spring. So for this reason, if for no other, you should get your cuttings into the sand during this time.

A. F. J. BAUR.

SCALE OF POINTS.

The recently organized Winter Flowering Carnation Society in England has adopted the following interesting scale of points for judging new varieties:

Color	5	Calyx	5
Size	5	General appearance	5
Fragrance	5	Stem	5
Substance	5	Habit of plant	5

A variety must gain at least thirty points to entitle it to a first-class certificate, and twenty-five points to entitle it to an award of merit.

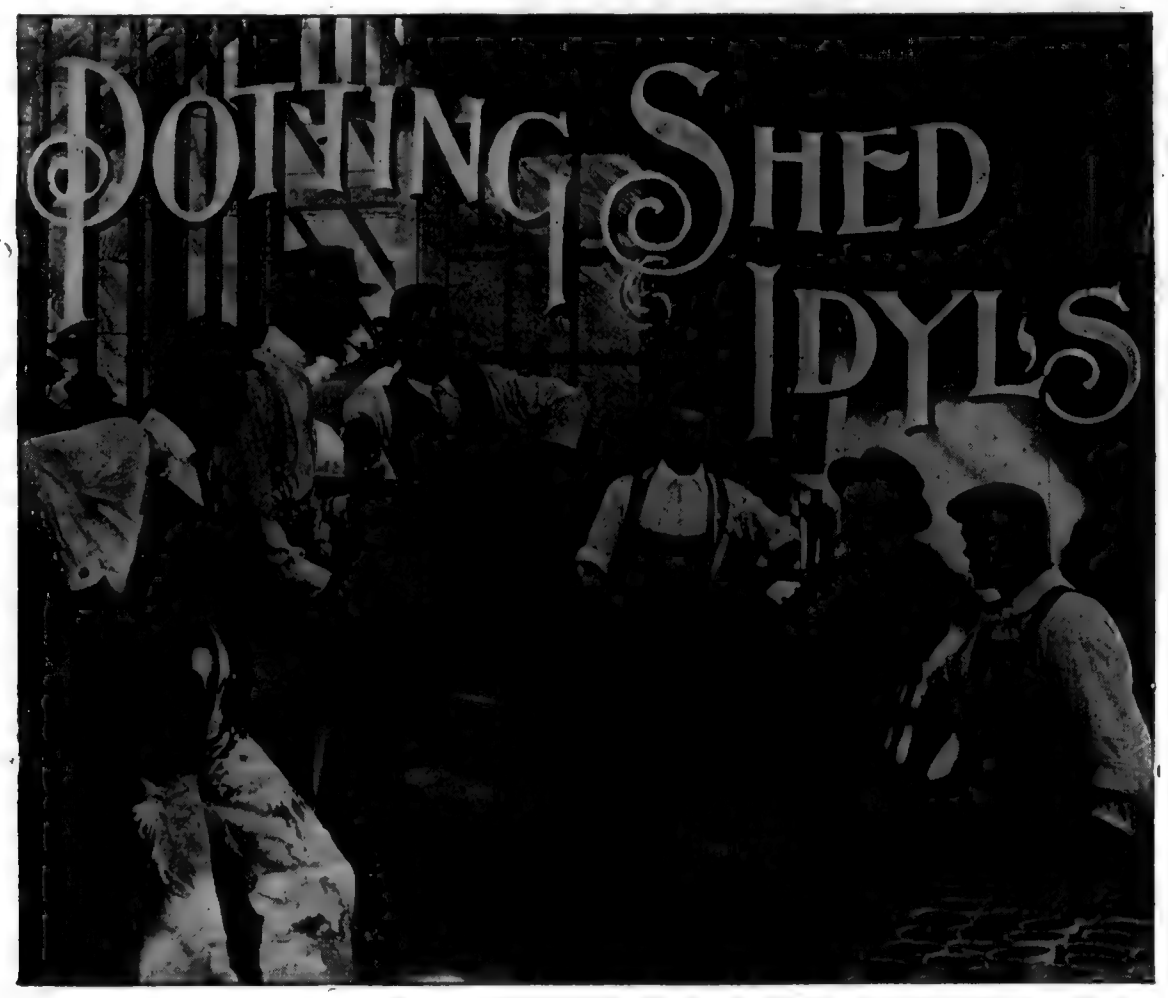
THE GLASS MARKET.

The market for window glass is quiet in December. Production is going steadily forward, but no large stocks are yet on hand, as manufacturers cut as little of the so-called small sizes as they can. Sharp, Partridge & Co. and the Pittsburgh Plate Glass Co., in Chicago, who are the principal sources of supply for greenhouse glass, state that they anticipate an exceptionally heavy business next spring, early inquiries being more numerous than usual and calling for large lots. They expect a large supply to be on hand by the time actual delivery begins. They say the principal call is now for 16x20, and that buyers of this size should place orders early to be sure of getting what they want. Other sizes are more easily supplied because the demand does not run so largely to them.

In the matter of price, it appears that the strong demand, among other factors, will tend to hold the market steady. The American Window Glass Co. is perfecting its glass-blowing machine and this may have a tendency to lower prices, for, with the aid of the tariff, the blowers' wages are the principal factor in holding prices of window glass at the level they have attained in the last few years.

LOGANSPORT, IND.—C. Kiesling & Sons have recently completed a new greenhouse.

DALLAS, TEX.—Col. E. H. R. Green has been at Chicago buying material for an addition of 85,000 feet to his present range.



THE SIMPLE LIFE

As it is Led in South America.

"It does seem to me," remarked the night fireman, who had annexed the only newspaper within reach, "that these tropical hurricanes is getting too common."

"I don't know as I'd call 'em common," observed Jaggs. "Anyway, there's always somethink uncommon about 'em. I knew a chap down in the Windward Islands as was diggin' yams in his back garden when the hurricane started, and when it was over he was fishin' in twenty-six feet o' water right in the same spot."

"I suppose," remarked Tommy, "that the bottom dropped out."

"Nothink o' the sort," remarked Jaggs, "the water just blew up out o' the sea; you'd be surprised if you was to see a real windstorm. It reminds me o' that place in Kansas where I went to show 'em how to grow roses; a cyclone come along and blew the artesian well inside out."

"Jaggs," asked Tommy solemnly, "does an affidavit go with that there cyclone?"

"I must say," remarked Jaggs, ignoring the speaker, "that them West Indian storms is sometimes a bit awkward. That chap I was tellin' you about says to me as he don't mind fishin' in his own garden, but what he did object to was havin' to chase a cuttlefish out o' the kitchen when the water went down."

"That was a bit sing'lar," remarked Tommy. "But why not try kindness on the cuttlefish, instead o' chivyin' the poor beast off o' the premises?"

"Because kindness and cuttlefish don't jibe," remarked Jaggs, firmly, "though I did know a chap in the China Seas as thought he could train cuttlefish for divin' in the pearl trade."

"And what happened to him?" asked the young man from the agricultural college.

"He got into trouble with the pearl divers' union," said Jaggs, sadly, "and 'ad to turn all them cultivated cuttlefish loose after givin' 'em an edication as spoiled 'em for hanythink else. There was a chap at Hongkong as tells me a yarn about seein' a cuttlefish wearin' a bathin' suit, somewheres in the Flores Straits, and I always thought it was one o' that bunch."

Jaggs got up to fill Davy's pipe with Tommy's tobacco, and was just settling down to the enjoyment of that communistic luxury when the telephone bell rang. After a few minutes of polite monologue, in which Jaggs was heard to great advantage, he emerged from the booth, remarking:

"It's a lady as wanted a broken wreath, somethink choice, with a discount because she's goin' to give us a big decoratin' order, but I gave her the notion of havin' a piller instead. There's a whole bunch o' them callas will be gettin' whiskers if we don't use 'em up pretty soon."

"I never see a chap like you for changin' people's minds," remarked Tommy, appreciatively. "I believe, if you 'ad 'arf a chance, you'd sell a gates ajar to a chap as wanted a weddin' bouquet!"

"It takes talent to handle a retail trade," remarked Jaggs, modestly. "Some chaps never seems to have any savvy in that line. There was that chap from the Royal Botanic, as I met when I was shipwrecked up in the Andes—"

"Ah," remarked Tommy, who was carving weird figures on a home-made briar pipe, "I did hear a chap say as most o' your 'orrible shipwrecks took place on dry land."

"Not all of 'em," remarked Jaggs, indignantly, "there wasn't much dry land about that wreck in the South Seas when me and another chap 'ad to live on rain-water and boot-tops for ten days before we was picked up. But when you get mixed up in a Pacific gale with an earthquake and tidal wave on the side, there's liable to be somethink doin'."

"I never was stuck on them tramp steamers along the Pacific coast," began Jaggs. "They was always full o' cockroaches for one thing—most as big as rats, too—and about the only way a chap could get away from 'em was to fall overboard. Then the crew was always gettin' mixed up in some dinky little sawed-off revolution, and about the first thing as 'appened after I went aboard the captain laid out the mate. It was a messy sort of a murder, too, and I told him that if he killed another man in my bunk I'd turn in and do a little pacifyin' myself. The crew didn't like it neither and somehow the captain went overboard the next night. I thought askin' questions might be a bit awkward, and it wasn't my funeral anyways, so I just says as how the decks gets slippery these dark nights, and lets it go at that."

"But where it's a question of murder," began the night fireman, who was suspected of joining a civic improvement association.

"Well," remarked Jaggs, easily, "there was the mate to begin with, you see, and even a chap as didn't make a specialty of 'orrid murders might slip overboard of a dark night. Still, there we was, short-'anded, not a chap on board as knew a sextant from a hole in the ground, alone on the ragin' Pacific."

There was an impressive pause, while Jaggs puffed vigorously at his pipe; even the greenhouse terrier showed symptoms of interest.

"I didn't pay much attention to the storm at first," continued Jaggs. "I was too busy dodgin' cockroaches and makin' myself solid with the crew. The first time I was fired out o' my bunk, I thinks it was just a gentle hint from some one as it was time to get up, but the next time, when I come to I was walkin' on the ceilin' like a fly, with everythink loose piled on top o' me. There wasn't nothink a chap could do except lay low, and sit tight, so I crawled into my bunk the next time it come around and reckoned I was goin' to drown comfortable, anyway. Last thing I notice before I go to sleep the old tub seemed to be actin' just like a fat man steppin' on a banana peel; it had shootin' the chutes faded out o' sight.

"Well, I don't know how long I was asleep, but when I waked up everythink was calm and peaceful, no jar from the screw nor nothink, and if I 'adn't known it couldn't be, I could swear as I heard birds twitterin' outside. I looked out o' the port-hole, and all I could see was a chap ridin' a mule, seemed like a mile or so away."

"I s'pose you'd run ashore over night," suggested Tommy, with a yawn.

"Well, in a manner o' speakin'" said Jaggs. "But when I went on deck there wasn't nothink to be seen but mountains and rocks, and a few hard-lookin' citizens with striped awnin's over their shoulders, that acted like we was trespassin'. There wasn't no ocean in sight and I began to think I was just a plain candidate for the foolish house."

"It sounds probable, don't it?" remarked the fireman.

"No, Johnson, it don't," responded Jaggs, firmly. "If I was tryin' to 'and you chaps a lemon, all I'd 'ave to do would be to tell a yarn as sounded probable. That's easy; any chump can do it. But there's lots of things that ain't probable happenin' every day, and this was one of 'em. Come to find out, there'd been a bloomin' tidal wave along of an earthquake; most o' the real estate along the coast dropped out o' sight, and a lot o' the ocean was chucked up in the mountains, with us on top, like a

Floral
Novelties for the holidays

ARTISTIC arrangements in baskets of blooming plants. Choice blooming Poinsettias, Azaleas, Gloire-de-Lorraine and the new white Turnford Hall Begonias, Baby Rambler Roses, Heathers, etc.

Large and choice stock of American Beauties, Orchids, Violets, and Gardenias.

MAIL OR TELEGRAPH ORDERS PROMPTLY EXECUTED.

SAMUELSON 2127 & 2129 MICHIGAN AV. Established 1887.

LILIES FOR EASTER DECORATIONS

OUR DISPLAY of choice Potted Easter Lilies, Azaleas, Hydrangeas, Rhododendrons, and Rambler Roses will be arranged for inspection April 13-14.

Choice Cut Lilies, Roses, Violets and Orchids.

We pack and ship Cut Flowers successfully the distance of one thousand miles. ¶ Mail or telegraph orders receive prompt attention.

SAMUELSON, FLORIST

2127-2129 Michigan Avenue

Phones: 1600 and 1601 Calumet Established 1887

Dwarf Cherry Trees
in Full Bloom
For Washington's Birthday

In pots 3 to 4 Feet high, trimmed in national colors, at $4.00 and $5.00 each.

We pack and ship Cut Flowers successfully the distance of one thousand miles. Mail and telegraph orders receive prompt attention.

SAMUELSON, Florist,

Est. 1887. 2127-2129 Michigan-av.

Floral Valentines

Artistic Clusters of
Sweet Single and Double Violets
are very much appreciated as a

VALENTINE GIFT

We pack and ship Cut Flowers successfully the distance of one thousand miles

Mail or telegraph orders receive prompt attention

CHAS. A. SAMUELSON

Florist. Established 1887 2127-2129 Michigan Ave.

A Series of Holiday Advertisements Used by a Leading Chicago Retailer.

bunch o' tourists seein' South America. I never hear anythink so scandalous as the way the crew took on about it; seemed to think I was a reg'lar Jonah. They was an ungrateful set; I told 'em they'd got an elegant stand for a summer hotel, but after two of 'em laid for me with carvin' knives, and another tried to swat me with the binnacle lamp, I thought I'd better skiddoo.''

''But how did they get the steamer afloat again?'' asked the fireman, doubtfully.

''They didn't,'' responded Jaggs, ''she was nine miles inland, and there she stuck; last I hear about it they was usin' her for a jail. They wouldn't have no difficulty about fillin' the jail, neither, if I 'ad anythink to say about it.''

Jaggs got up with a yawn to look at the thermometer, and invited the terrier to take a run down the big rose house, while he put on a crack more air. The night fireman looked irritated, as Jaggs strolled back again and filled another pipe in a leisurely manner.

''I always did say,'' he remarked, with a defiant look at Davy, ''as too much nitrate aint good for 'mums—makes 'em bilious. It's like old-fashioned Perle roses — them bull-headed buds—''

''But what happened next?'' broke in the injured fireman.

''Well, blessed if I 'adn't clean forgot,'' said Jaggs, with an air of surprise. ''What was it I was talkin' about—that there jaguar as mistook me for his breakfast, or the cavern I slid into where them Peruvian Incas was buried? I can tell you, when I lit a match and see all them bloomin' mummies grinnin' at me, I think orchid collectin' ain't near as frivolous as runnin' the city morgue.''

''Ain't you a bit mixed in your dates, old chap?'' asked Tommy anxiously. ''Last chapter you was shipwrecked atop o' Mount Ararat, or thereabouts.''

''And o' course you think nothink couldn't 'appen to a chap arterwards,'' complained Jaggs, pettishly. ''The trouble with you chaps is that you won't stand for havin' your minds improved. You know there ain't anythink in Nicholson's Dictionary as can hold a candle to James Algernon Jaggs.''

''But what about the mummies?'' asked the potting-shed chorus.

''I reckon them mummies will keep till tomorrow night,'' said Jaggs, severely, and a moment later the night man was alone, except for the society of the greenhouse terrier.

HOLIDAY ADVERTISING.

For the retail florist who does business in a city of moderate size the advertising proposition is a simple one. He caters to the trade of practically the whole community and by inserting a modest advertisement in the best paper of his town he can reach practically all his trade and he does not waste his money through the payment for a circulation far beyond his clientele.

For a retail florist in one of the big cities it is a different proposition from the fact that only such stores as are centrally located can hope to draw trade from all parts of the city. C. A. Samuelson, in Chicago, is located two miles from the center of town and naturally draws the bulk of his patronage from the people who live within a reasonable distance of his store. As he keeps a distinctly first-class place, only the better class of trade is appealed to. Nevertheless, Mr. Samuelson finds it worth while to do a certain amount of regular advertising in the daily papers. As with all others, he finds it especially worth while to advertise at the holidays. There is much value in the suggestion offered to the public that flowers are the most acceptable of remembrances, whether it be at Christmas or St. Valentine's day.

The illustration herewith is a reproduction of four of Mr. Samuelson's holiday advertisements, beginning with last Christmas and running through to Easter. These were published the Sunday preceding each holiday in the Tribune and the Record-Herald. The space would be equal to a quarter of a page in the REVIEW and the charge in the Tribune was $42.50, in the Record-Herald $32.50. Mr. Samuelson paid the Tribune ten per cent extra for locating his advertisement on the society page. He estimates that each of these advertisements was placed in the hands of 500,000 readers and that if they were actually read through by only 100,000 people the general effect must be worth the money. He finds it difficult to estimate the immediate returns because he does not care to quote ''bargains'' or prices, but that they are doing the work is shown by the fact that he has received many orders by mail from out-of-town people who wished remembrances delivered to friends in Chicago. Usually such orders come through the local florists and are filled by a correspondent at the point of

delivery. No matter where you are asked to deliver stock, you can find on the Review's pages for "Leading Retail Florists" some one located close to that place and equipped to handle your order satisfactorily.

GERANIUMS FOR WINTER.

After chrysanthemums are gone and before Dutch bulbous stock, cyclamens, primulas and other late winter or early spring flowering plants are well in season, there is a decided lack of blooming stock for conservatory, window or other decorative purposes. Poinsettias are brilliant, but too often lanky and easily become leafless. Lorraine begonias are, of course, available, but there is too much of a sameness year after year and something out of the beaten track always is welcome.



Winter-flowering Geranium Emile Zola.

From the end of November until the middle of February the zonal section of geraniums, or to be more correct, pelargoniums, are without a superior for brilliancy, variety and persistency in flowering, and the wonder is that so few commercial growers and private gardeners give them even a fractional part of the attention they merit.

Geraniums for winter flowering need special treatment, like any other plant. Because they are a common, easily grown and bloomed plant, one which will stand with impunity an occasional drying up at the root without dying, it is not to be expected that slipshod cultural methods will give gratifying returns. From cuttings rooted in the regulation manner in February excellent plants in 6-inch or even larger pots can be had the following winter. Pots six inches in diameter are a convenient size to handle and splendid plants can be produced in them.

The average commercial grower has a special hankering after double or semidouble varieties. These, however, are not to be compared with the finer single sorts, especially the French and English round-flowered section. Not one customer in ten would select doubles from a mixed batch, the singles are so much more beautiful and refined. The usual interrogatory, "Will they ship well?" we would answer by stating that they carry fully as well as Lorraine begonias and better than Primula Sinensis and without the use of any floral gum to hold the petals together. We think any grower within convenient access, say twenty to twenty-five miles of a market, can deliver them to retailers in good condition by rail. Of course, care in handling is necessary, but we have found them to carry that distance quite satisfactorily.

Plants for winter blooming should be grown under glass all the time. Many of the best singles resent open-air culture. Especially is this true of the English round flowered section. Successive shifts from 2½-inch to 4-inch, 6-inch, and, if needed, 8-inch pots should be given. For the final shift a compost of two-thirds turfy loam and one-third old, dried cow manure with a dash of Clay's fertilizer and soot is suitable. Ram the soil firm at the final shift and drain efficiently.

Pinching the shoots to secure bushy plants may be done until the end of September. All flower trusses should be removed until the middle of October. Feeding with liquid manure and soot water weekly, or a surfacing of Clay's fertilizer once in two weeks when the pots are well filled with roots, is very helpful. Bonora we have found very good, but it must be used sparingly; otherwise it promotes too rank a growth. A light house with a night temperature of 50 to 52 degrees suits the plants to a nicety while in flower and the atmosphere should be tolerably dry at all times. If fumigation is done, use something other than tobacco stems.

Some of the best single varieties we have grown are the following:

Crimsons and scarlets—Jacquerie, Paul Crampel, The Sirdar, Radium, Eugene Sue, Hall Caine and Telegraph.

Whites—Albion, Snowdrop.

Pinks—Gertrude Pearson, Anna Defeuillet, J. M. Barry (this is the largest-flowered of the whole section, individual flowers are two and one-half to three inches across), Juste Oliver, Softness.

Various other shades — Richmond Beauty, scarlet, white feathers on upper petals; Emile Zola, a magnificent salmon orange; Mousseline and Ian McLaren.

As Christmas plants Richmond Beauty, Jacquerie, Paul Crampel, The Sirdar and Hall Caine are among the best sorts to grow.

W. N. Craig.



Winter-flowering Geranium J. M. Barry.

WILLIAMSPORT, PA.

Evenden Bros. have recently added to their already extensive plant, five ridge and furrow houses of truss construction, for growing carnations and tomatoes, the three center houses being twenty feet wide and the two outside, twenty-five feet, each house 178 feet long. This is one of a number of good-sized ranges of the Lord & Burnham new truss construction. The sashbars are 1⅛x2¼, instead of 1⅜x2½ as in their standard sashbar construction. The new V-shaped gutter is employed, greatly reducing the shade. It is equipped with a "U" drip gutter. All screws and bolts are countersunk, so there are no points for condensation. The gutters are supported by 2-inch pipes set in adjustable cast-iron footpieces bedded in concrete two feet six inches in the ground. Through every second pipe support the water is led off from the gutters to tile drains.

The ventilation is continuous on one side of each house. The main rod that goes across the house is not carried directly from eave to eave, but extends



Bench of Winter-flowering Geraniums Grown by W. N. Craig.

from the eave up into the truss and then across, and so holds the roof that it can neither go up nor down. The truss rods are strong enough to carry much more than the weight of the roof.

INDIANAPOLIS.

Current Comment.

Business during the last week has been good. All stock has been kept cleaned up, and now that mums are out of the way the demand has increased for roses and carnations. Several decorations and funerals kept the retailers busy.

At the last meeting of the Florists' Society it was decided to hold a show in connection with the annual meeting in January, at which time the society will award certificates to anything of merit. Those having anything of this kind are requested to make an exhibit. The meeting will be held at the Commercial club on January 8 at 2:30 p. m., after which a supper will be served. All state members are invited, also any from other states who can attend.

Ernest Hukriede, aged seventy-one, died suddenly December 5. Heart failure was the cause. He was born in Germany and came to this city in 1868. He is survived by a brother and his son Fred. The news of his death came as a shock to his many friends. The business will be carried on by his son.

Herman Schilling is confined to the house, the result of an operation. His many friends wish him a speedy recovery.

Frank Harritt will move at once to his new place, Willowmere, southeast of the city. S.

WAYSIDE NOTES.

J. M. Ward & Co., of Peabody, Mass., have remodeled and enlarged their store. It is finished in Carolina pine, giving a pleasing effect. Two houses have been added for flowering plants. Poinsettias are much in evidence for Christmas.

At Salem, Mass., McGee, Geary & Co. had a close call when the opera house adjoining their plant burned recently. By good luck and careful watching the plant escaped with a scorching. Business has been good, the run of funeral orders unusually heavy.

Owing to the value of the land for building purposes M. Miller & Sons expect to tear down their houses at Lynn, Mass., and build a showhouse with office on the site. It is rumored that James Miller expects to install a side partner in one of his new dwelling houses. He was one of the regulars at Dayton and says he never yet attended a national convention without getting some good. He is city forester and is preparing to make war on the gypsy moth.

The William Bock place, at Cambridge, Mass., was sold at auction last week by N. F. McCarthy. The houses went to W. C. Stickle & Co. and John McKenzie. Mr. McKenzie already has two places and is running them successfully, growing both for the wholesale and retail trade.

Fred C. Becker, of Cambridge, Mass., says prospects for a big holiday trade were never brighter and has made preparations accordingly.

Dan Murphy, W. E. Doyle's lieutenant at Cambridge, Mass., is justly elated over the largest batch of orders on record for the holidays. Flowering and highly-colored foliage plants will be in good demand. Mr. Doyle thinks we are even yet in the primary stage of the business.

Thomas Roland, of Nahant, Lynn, Mass., has a fine batch of single-flowered zonal geraniums that will be a novelty and doubtless will prove good sellers. Mr. Roland is to the front with a supply of Gloire de Lorraine and ardisias. I learn that the supply of this stock, also oranges, is practically taken up.

M. B. Bunker, of Boston, Mass., who was the first to introduce boxwood in design work in the bean city, through S. S. Pennock, fears the supply will soon be exhausted. I noted a handsome wreath being shipped out of town. One-half was composed of Richmond roses, the other lily of the valley on a groundwork of galax.

T. F. Galvin, of Boston, is one of the few who keep up a window display of orchids correctly labeled. I noticed in the crowd with what interest the labels were read and commented upon.

F. E. Palmer, of Brookline, Mass., says that since his essay was published he has harder work than ever to live up to the standard set therein and says it acts as a stimulus to go one better. His automobile is a dandy.

Jas. E. Quinn, the veteran craftsman of Brookline, has handed the active part of his snug business over to his son, Stephen, who has been interested many years.

Quinn Bros., of Brookline, have two stores, finding another location desirable in addition to the old stand. They speak highly of the new hybrid tea rose, Jules Grolez, described as a pink Kaiserin, a valuable addition to our list of summer roses, being superior to Maman Cochet.

Mrs. C. E. Mansfield reports business good at Fitchburg, Mass. During eight years of close attention there has been an increasing demand for choice stock, part of which is grown at her own greenhouses. W. M.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

Chicago, December 1—Mlle. Jeanne Rosette, pink, exhibited by the E. G. Hill Co., scored ninety-one points commercial scale. DAVID FRASER, Sec'y.

NEW ORLEANS.

Current Comment.

As long as we will be enjoying such a mild winter the demand for flowers will not be large. Our late chrysanthemums and our roses are now at their best. No greenhouse stock, from wherever it may come, can be compared with our outdoor plants, which now are perfect. At the city park the head gardener, F. Broker, deserves credit for the way he grows pansies. It is a general belief among florists here that the first pansies sown in August do not give much satisfaction. Much money is sent north for our first supply. The variety of annuals now in the park reflects much credit on Mr. Broker.

At Audubon park they are contemplating several improvements. Taking advantage of a considerable depression existing in the center, they hope to have a waterway through the park. Although it will take a considerable amount of money, the commissioner is to take under consideration the specifications which are now being calculated by Superintendent Jules Fonta.

Society Meeting.

Joseph Steckler, in the name of the Society of Southern Florists and Ornamental Horticulturists, called a meeting of the members who assembled December 6, at 125 St. Charles street. It had been decided previously that around the Mardi Gras is the best time for a general meeting. The railroad fares are reduced at this time and the attractions of the festivities are that much more of an inducement. The convention will last three days, Thursday, Friday and Saturday following the Mardi Gras. All the details of the reunion will be discussed and arranged in the best possible manner and the matter was put in the hands of several committees.

Chairman Lagerbie, with the help of W. Eichling, vice-president of the society, and acting in the absence of President P. J. Berckmans, appointed the different committees, as follows: Committee on exhibits, E. Baker, chairman; P. Chopin, James Newsham, H. Papworth and Paul Abele. Committee on ways and means, Jos. Steckler, chairman; W. Eichling, H. Papworth. Committee on reception, M. M. de Lapouyade, chairman; J. St. Mard, W. B. Wichers, R. Eichling, H. A. Despommier, H. A. Despommier, Jr., J. Menard, Jos. Schindler, F. Ziegler, U. J. Virgin, R. Steckler, M. Cook, Jr., and R. Ory. Committee on badge, R. Ratel.

There will be an exhibition of flowers and plants and everything points to a big success right at the start. The membership is already in the fifties strong, and no doubt after the first meeting that number will be largely increased. This is not a question of interference with the field of any other established society. We appeal to all florists of the Union and invite them to come down south with the same spirit as they go north from all parts of the United States. We will do all we can to receive them well.

Various Notes.

Joseph J. Goudy, representing Henry A. Dreer, Philadelphia, has been in town for a few days.

H. A. Despommier has returned to his old position on the I. C. R. R., taking charge of the station gardens between Canton and Memphis.

H. A. Despommier, Jr., is now gardener to W. Bluer, the old Hutchinson place, one of the brightest gardens of St. Charles avenue.

Emile Valdejo is again in New Orleans.

M. M. L.

BOSTON.

The Market.

The week has given us a succession of cold waves, with some snow and warm spells sandwiched between them. The production of flowers has been materially lessened and, on the other hand, the cold has checked buying. Prices have kept up well and about everything has cleared out.

Roses are none too plentiful and prices show a hardening tendency. Better grades of Liberty and Richmond bring $3 and $4 per dozen. Bride, Maid, Chatenay, Killarney and Wellesley also sell well, making up to $2 a dozen.

Carnations sell satisfactorily, whites moving more slowly than colored sorts. Enchantress is of grand quality and is still the most largely grown and popular variety. In whites The Queen is much in evidence. Some splendid White perfection come from one or two growers.

Violets keep up to the dollar mark most of the time, and will not drop for a few weeks. Quite a few chrysanthemums are still seen, mostly small blooms. A good supply of Paper Whites and Roman hyacinths are coming in. Lilium Harrisii and callas are quite scarce. Some nice mignonettes and bouvardia are coming in. A fair supply of Cattleya Trianæ and C. Percivaliana. Green stock is selling well at same prices as in previous weeks.

At Brighton.

A recent call on William H. Elliott, of Brighton, found everything on that skilful rosarian's place in excellent condition. Some splendid long benches of Bride and Bridesmaid were in the pink of perfection for Christmas. The houses of Kaiserin and Carnot were still giving nice flowers, but will now be rested. Another season Carnot may be dropped, as its color is not sufficiently good for a pink rose. Miss Kate Moulton, Tom Field and Maman Cochet were all tried as summer bloomers. The first named did very well and will be grown again next season.

A fine lot of Liberty in several special houses were right for the holidays. These were carrying excellent stems for this variety, but it cannot compare with Richmond as grown by Mr. Elliott at his Madbury, N. H., establishment, where he has 12,000 of the last named growing. Mr. Elliott considers Liberty a better spring and summer rose, but Richmond outclasses it the rest of the year and will probably entirely displace Liberty next season. At Madbury, Killarney and Wellesley are grown in quantity, in addition to Richmond.

Several houses are devoted to Asparagus Sprengeri, and of course Asparagus plumosus nanus is still a great specialty here. In spite of the large quantity grown it is difficult to keep up with orders. For fuel a mixture of one-third Georges Creek Cumberland coal and two-thirds Buckwheat hard coal screenings is found economical and satisfactory.

Horticultural Society.

The directors of the Massachusetts Horticultural Society had a lengthy session December 8. It was unanimously voted to offer the Gardeners' and Florists' Club free use of a hall, light and janitor service, for forty meetings of the landscape gardening class the club has organized. The Massachusetts State Board of Agriculture was invited to hold its annual sessions at Horticultural hall the first week in December, 1907.

The following among other committees were appointed for 1907: Plants and flowers, A. H. Fewkes chairman, Robert Cameron, W. N. Craig, T. D. Hatfield and William Nicholson. Fruits, Wilfrid Wheeler chairman, Charles F. Curtis, J. Willard Hill. Vegetables, Isaac Locke chairman, J. B. Shurtleff and Duncan Finlayson. Children's gardens, H. S. Adams chairman, W. P. Rich, W. E. C. Rich and C. W. Jenks.

Various Notes.

Mellor & Saunders, of Lowell, retail florists, failed last week. Quite a few growers were hit by the failure.

Peirce Bros. had the misfortune to have a house of pink chrysanthemums frozen during the cold wave last week, owing to a night fireman falling asleep.

Hugh Grant, for some years with the late Denys Zirngiebel and other well-known growers, and lately at Biddeford, Me., is in a Boston hospital suffering from a paralytic shock.

A. Roper, of Tewksbury, has some splendid seedling carnations. A variegated sort with a strong stem, excellent calyx and immense flower will prove a winner.

E. J. Crowley, of Newtonville Greenhouses, is on the sick list.

We regret to report that Mrs. E. O. Orpet, of South Lancaster, is seriously ill at the Clinton hospital, where she has undergone a critical operation. We hope for her speedy convalescence.

F. J. Dolansky, of Lynn, is marketing some fine poinsettias, cyclamens and primulas which meet with a ready sale.

H. A. Stevens Co., of Dedham, has several splendid houses of carnations. Their pale pink Lawson sport does well. A seedling of the same color as Enchantress promises to beat even that fine variety.

There will again be a big attendance at the last meeting of the year of the Gardeners' and Florists' Club on December 18. In addition to W. H. Wyman's lecture on "Craft and the Craftsman" there will be much other business of interest.

Welch Bros. are carrying a specially fine stock of holly and other greenery for the holidays. They have very small surpluses of cut flowers at present.

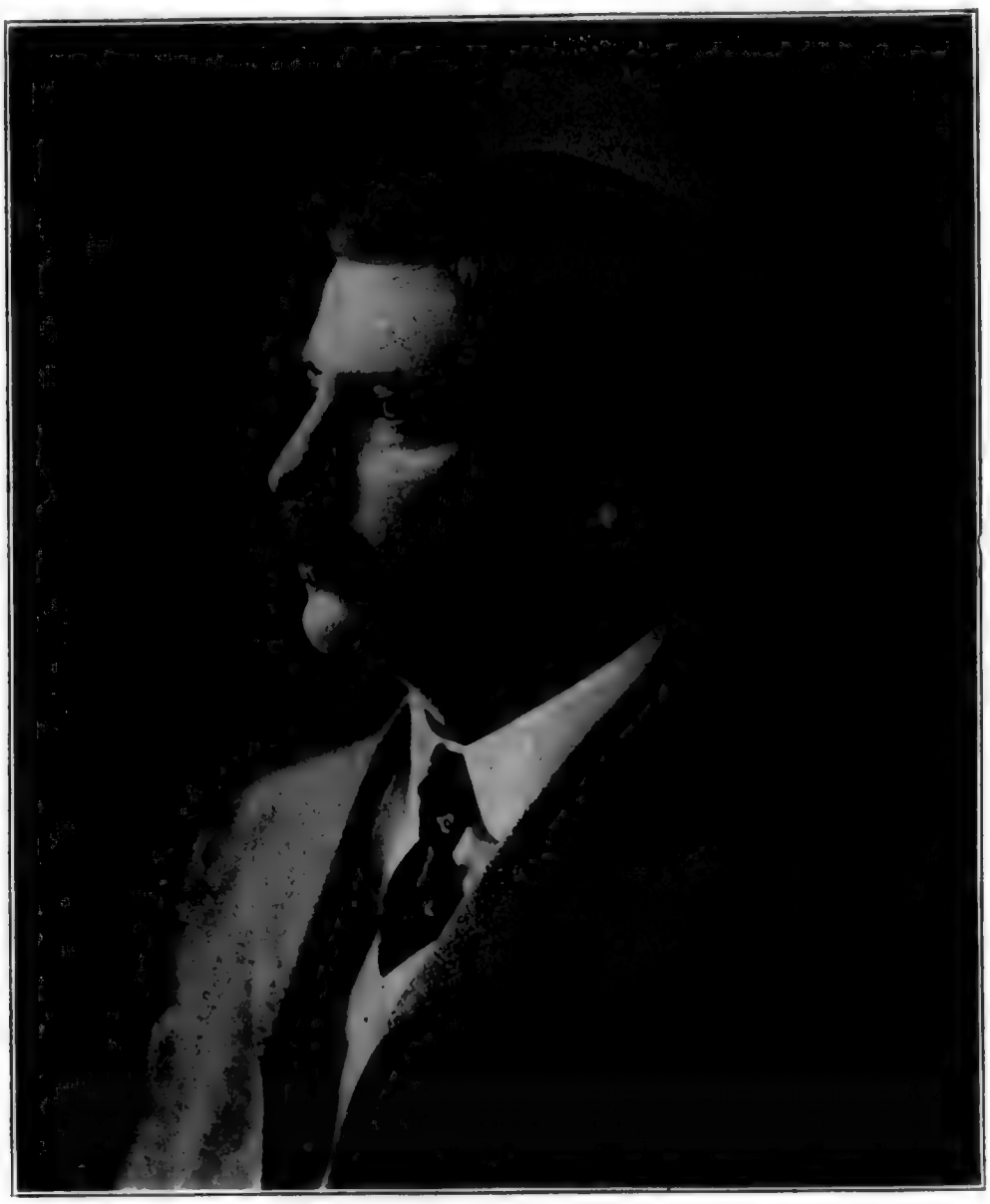
A. A. Reed, of Whitman, is cutting a fine lot of seasonable orchids. Mr. Reed is a successful cultivator of these plants.

The Seed Trade Bowling League is this season composed of teams from Schlegel & Fottler Co., R. & J. Farquhar & Co., J. Breck & Sons, H. E. Fiske Co., F. W. Emerson & Co., and Park Street Market. The teams are having a keen tussle for supremacy. On December 6 Farquhar & Co. won three straight games from the Emerson Co., Schlegel & Fottler Co. after tying the Park Street Market, won the roll off, and then won the next two games.

Walter Mott, of Bobbink & Atkins, was one of the visitors last week, making his initial New England trip.

W. N. Craig.

Please find enclosed $1 for your tip top paper.—Wm. Walker, Louisville, Ky.



Charles H. Totty.

CHARLES H. TOTTY.

Charles H. Totty, who was elected president of the New York Florists' Club December 10, is a resident of Madison, N. J., but is an active participant in all the trade affairs in the metropolis; indeed, Madison is counted as floriculturally a part of New York City, for it is the great rose-growing center for that market. This is a young man's age, and Mr. Totty is only 33 years old, having been born in Shropshire, England, in 1873. Although none of his family ever was connected with our trade, his chief delight, even as a boy, was work in the garden. That early love never has left him and he says that no matter what good fortune the future may have in store, he expects to end his days as he began them, growing flowers.

At the age of 13 years, having absorbed a good part of the education afforded by the common schools of Shropshire, the lad went to work in the gardens of a Mr. Sheringham, where he stayed three years, in accordance with the recognized apprenticeship system. Then a year in the nurseries of Messrs. Dickson, of Chester, was supposed to provide sufficient horticultural knowledge to launch him as a full-fledged journeyman gardener. After a year at Norris Green, a noted fruit-growing establishment near Liverpool, he came to America in 1893. A year and a half was spent on the estate of Mrs. Thompson, at Canandaigua, N. Y., after which the young man located at Madison, having found employment on the H. McKay Twombly estate, under the superintendency of Arthur Herrington, to whose precept he owes much for the direction given his thoughts and desires. He stayed here eight years and became as thorough a grower as ever graduated from that school of good gardening. He left to go into business for himself as a wholesale cut flower and plant grower and bought the James Hart greenhouses at Madison, which he since has remodeled, enlarged and made one of the noted places of the town.

While Mr. Totty was acquiring an all-round knowledge of the business, he specialized on chrysanthemums, and, while from his place now come some of the best roses and other stock reaching the New York market, still it is for his success with chrysanthemums that he is most widely known. Almost from the start of his business he has made a feature of the trial of all new sorts and the dissemination of such novelties as he approved. The sorts sent out number scores. He has handled in America the Wells-Pockett sets of recent years, as well as many good American sorts. For a number of years Mr. Totty has contributed Chrysanthemum Notes to the columns of the REVIEW, certainly the most widely read notes on this flower which have appeared in America and probably in any other country, for skilled growers everywhere recognize that they are among the most important contributions in the whole history of the somewhat voluminous literature of the chrysanthemum.

ST. LOUIS.

The Market.

We have had a great deal of cloudy weather in the last week and only fair business can be reported. Work for weddings, receptions, dinners and other social occasions was quiet all the week. A fairly good over-the-counter trade is reported by the downtown florists, also a few good funeral orders. Not much of importance will take place until a week before Christmas. The store men are busy making up roping and holly wreaths for Christmas.

In looking over the stock that comes in at the wholesale houses we find that roses are in good supply. Fancy stock is generally cleaned up at once, as it is limited. Prices on this stock have come down a little since Thanksgiving.

Carnations clean up pretty well each morning, as they are by no means plentiful. Lawson is beginning to look better. Enchantress is fine and so is Nelson Fisher. White Perfection is the best white and Craig the best red. The latter is scarce. Prices on these are high.

California violets are coming in heavily, and with cool, clear weather should be abundant for the holidays. Doubles are scarce in this market. Bulbous stock is moving satisfactorily. Romans are now in good supply, also Paper Whites, with good demand. Lily of the valley dragged last week. Stock is all of good quality. Greens are plentiful, with good demand.

Various Notes.

J. W. Ross, of Centralia, Ill., was a visitor last week. Mr. Ross reports good trade and has a fine cut of everything in season from his 22,000 feet of glass.

Frank J. Fillmore, for many years in business on Nebraska avenue, has advertised his place for sale. He wants to get a place out in the country and grow for the market.

Charles Wors, Jr., is now in the employ of George Angermueller. Mr. Wors, senior, was all smiles last week. He says it's a girl and his seven sons have a sister.

E. W. Guy, of Belleville, spent a day in the city last week, visiting growers and buying supplies. Mr. Guy reports business good in Belleville.

Charlie Connon has given up his flower stand in the Grand Leader department store. He is now with the Michel Plant and Bulb Co. on Maryland avenue.

Charlie Kuehn is having a big run on supplies for the holidays. The wire department is working full force.

Gus Eggeling reports a fine trade at both of his places Thanksgiving day and since.

J. F. Ammann, of Edwardsville, Ill., reports that he will be unable to attend the local club meeting this week, Thursday, as he will attend the meeting of the Bloomington (Ill.) Florists' Club.

Ostertag Bros.' big force was kept busy all of the week with decorative work and large funeral designs.

A. Jablonsky, at Wellston, has nearly sold out on blooming plants for Christmas. His Gloire de Lorraine begonias are finer than ever this year. His place at Central, in the country, is producing so far this season an extra fine cut of roses and carnations.

The Bentzen Commission Co. is in the market with an extra fine quality of holly, mistletoe and other Christmas greens.

Philip Gobel, at the head of Reservoir park, reports that the city has started a nursery at the Chain of Rock, stock to be used for the new King's Highway boulevard. W. E. Robinson, the head of both of these city parks, is having a lot of extra work done for next spring.

Subscriptions to the big guarantee

fund for the flower show are coming in fast, and by the first of the year one-half of the $10,000 will be subscribed. Frank Weber, chairman of the committee, will return early next week, and then the committee will take up a personal canvass of those who have failed to respond. To date one-quarter of the fund has been subscribed.

The florist bowlers had a fine time at the new DeSoto alleys on last Monday night. Capt. Lohrenz had ten men out and some good scores were made. George Schreifer was high man of the night. Some of the west end florists bowl every Monday night at the Hamilton hotel.

J. J. B.

PITTSBURG.

The Market.

A whirl through the retail shops of this city will convince anyone that trade is good all around and that our people are keeping strictly up with the times, which means much. Not many years ago all a cut flower store needed was an ice-box and a counter, but now note the change. Our shops are really art rooms and each one tries to excel the other in artistic blending of color and arrangement, and at this season the collection of specimen plants you will find in every store makes it worth a trip around, not to mention the beautiful pottery, both antique and modern, all arranged with plants to the best of advantage. These, with the Christmas novelties of all kinds, make the stores beautiful and of interest, even to one who sees them every day.

There have been many decorations in the last week, requiring large flowers, and the late chrysanthemums have come in most usefully and brought much better prices than earlier in the season. Many of these decorations have been for debutantes, but this week will clean up all that are on the calendar at present and other affairs will take their places.

The wholesale houses were quite busy. Stock of most kinds was scarce and it kept them busy to keep every one in a good humor without giving them exactly what they wanted. Saturday night saw most of them cleaned up nicely.

Various Notes.

The Florists' Club met Tuesday night with a large attendance and some fine exhibits of plants, such as begonias, primulas, cyclamens, poinsettias, palms and a general assortment of such plants as are desirable for the holidays. Several of those appointed to talk were away, leaving only Charles Crall and W. A. Clarke of those appointed. While they did not say a great deal, they said enough to start the others, so there were some pertinent questions asked and answered. It was remarked by several that the club is very much alive and that every meeting gives the members something to think and talk about. While some of the remarks are not complimentary, they are made with good intent, and only for the good of the boys. One thing which was forcibly brought to their attention was that there is an opening for a man to grow palms, ferns and blooming plants in this vicinity. The next meeting will be a smoker and a good committee has it in charge. They will try to let you know more of it later.

Fred Burki and T. P. Langhans have been doing the east most of the last week, presumably looking up good things for another season.

Theo. F. Imback, of Morgantown, W. Va., was in the city a couple of days looking after business.

L. L. Lamborn spent a day at Bakerstown, visiting the Pittsburg Rose & Carnation Co., and one day about Pittsburg. Mr. Lamborn is a large grower from Alliance, O.

E. M. Hall, of Fairmont, W. Va., was also looking up holiday goods last week.

Hoo-Hoo.

DETROIT.

The Market.

Business remains about the same. Preparations for Christmas are seen on all sides. Mums are practically gone. Roses and carnations are scarce. Evidently the pickling of the latter has already begun. Valley, Romans, narcissi, etc., are selling readily; in fact, any half-way good flower is soon disposed of at a good figure.

There seems to be a scarcity of azaleas for the holidays. Poinsettias are plentiful.

Club Meeting.

The weather was anything but favorable on the Detroit Florists' Club's last meeting night, but the attendance was fair. Robert Rahaley acted as secretary. J. F. Sullivan was laid up with a cold. Leopold Mallest, of Mount Clemens, was elected a member. The names of Frank DeBeul and Mr. Tossey, both employed on Belle Isle park, were proposed. A discussion on red-spider brought out the opinion that there is no way of killing this pest, the different insecticides being merely preventives if applied in time. A question as to what mums pay best brought out the retailers' view that too many yellow and mid-season varieties are grown. About one-half white, one-fourth pink and one-fourth yellow is about right. In this locality the medium-priced varieties sell best. Wm. Brown ventured the opinion that even though the fancy kinds do not meet with a ready sale, it is essential that some be displayed about the store.

John E. Haines, of Bethlehem, Pa., sent a vase of Imperial and Pink Imperial carnations. Pink Imperial is a fine variety. The stem is long and strong, but apparently not as brittle as the Lawson stem. Calyx and shape of flower are fine. Color is a pleasing pink, about Lawson shade.

The program called for a display of Christmas novelties, but owing to the disagreeable weather only two exhibits were staged. George Rackham showed some fine cyclamens and Fred Miesel made a nice display, including fine Jerusalem cherries, primroses, salvias in bloom in pots, and exceptionally fine cyclamens.

Robert Flowerday was to have read an essay on "Christmas Twenty Years Ago and Today" at the next meeting, but it was deemed advisable to put this off until after Christmas.

Various Notes.

Thos. Magee, of Davis & Magee, Toledo, O., bought considerable stock in this city for Thanksgiving.

Mrs. Allan P. Cox reports a steady increase in business and is well satisfied. Mrs. Cox only recently embarked in the trade.

Thos. Browne, of Greenfield, entertained a number of the boys at an annual feast and card party the afternoon and evening of December 7.

Almost any evening you will find a dainty supper being prepared by one of the young ladies in Taepke's store. "We prefer getting our own meals," says Miss Amanda; and they do it right.

A floral department has been opened in Harvey's drug store, at Woodward avenue and High street. The bulk of the stock comes from A. Harvey's greenhouses in Orion, Mich.

H. S.

CINCINNATI.

The Market.

Business has not been rushing, still the wholesale houses are selling out close every day. The demand is just about equal to the supply. Roses are still in heaviest supply, but with the mum out of the market they are selling so much better that there is not the oversupply that we have been having all fall. They are being sold right up to quoted prices. Carnations continue about as last reported. There are none too many of them and they sell out clean every day. Violets are having a good run and more could be sold to good advantage. Singles are especially in demand and bring the highest prices. Few mums are to be seen now, but there is scarcely any call for them.

Everyone is busily engaged in making preparations for the holiday rush. That flowers will be scarce at that time goes almost without saying. We are now having dark, cloudy weather, when we ought to be having some bright sunshine. From the present prospects carnations will be only in fair supply. Roses ought to be more plentiful than any other flower.

Christmas decorating greens are now on the market in large quantities and the demand for them will be fully up to previous years. There is some report that good holly will be scarce, but I believe that there will be plenty to go around, though the price may average a little higher than in other years. This will be a good thing. Bouquet green will be scarce.

Society Meeting.

The regular monthly meeting of the Cincinnati Florists' Society was held December 8. After the usual business was transacted the members engaged in a social discussion of many interesting topics. It was decided to open a question box, and any member who is desirous of gaining information on any subject can, by sending the question to either the president or secretary of the society, have the same answered by an expert at the January meeting. If it proves to be successful, the question box will be made a permanent feature of every meeting. The next meeting of the society, which will be held January 12, will be devoted especially to social features. There will be a smoker and several speakers of considerable reputation will be present to entertain the members on various topics. It is intended to make this meeting the banner one of the year, and, with all the good things that will be served up, there ought to be a big turn-out of the members.

C. J. Ohmer.

Sibley, Ia.—A. R. Redshow will erect a greenhouse plant here early in the spring.

West Grove, Pa.—The firm of Green & Baylis is a new partnership formed December 1, 1906. They have 15,000 feet of glass and will make chrysanthemums a specialty.



A. T. Pyfer.

A. T. PYFER.

A. T. Pyfer, the present manager of the Chicago Carnation Co., Joliet, Ill., has been with the firm for five years, in the capacity of bookkeeper until the death of James Hartshorne, whose confidential man he was, the two working together in harmony in all business transactions.

Mr. Pyfer was born August 26, 1878, near the city of Freeport, Ill. He attended the country schools and Mt. Morris College, where he prepared himself for teaching, afterwards taking a business and shorthand course in the Freeport College of Commerce, graduating in 1899.

After filling various clerical positions he engaged with John Bauscher, Jr., the well-known florist at Freeport, Ill., remaining two years. He went to Joliet in 1901 as bookkeeper for the Chicago Carnation Co., always taking an active interest in the carnation industry, becoming acquainted with the trade in general and is well qualified for his present position as manager. Mr. Pyfer is a member of the American Carnation Society and also a member of the Masonic fraternity.

CLEVELAND, O.—J. M. Gasser, has returned from the sanitorium at Cincinnati, where he has spent the last month. He will take a trip south before resuming business cares.

MILWAUKEE, WIS. — C. C. Pollworth was busy a part of last week looking after his Irish Diggings Lead & Zinc Co. holdings in southwestern Wisconsin.

BALTIMORE.

The Market.

Winter is here. Many of the growers brought their plants to market, only to have them frozen while standing on the streets trying to dispose of their stock. Some have provided cases with glass fronts and lamps in the inside, which kept their blooms out of harm's way.

Everybody is making preparations for the holidays. The boats and railroads are rushing holly into the commission houses. Many shipments are being made to the west. We are receiving holly from four states.

There is quite a demand for any kind of novelty. Paper bells will be used extensively this year in the decorations. The retailers are already making in their windows every indication of a prosperous holiday season.

Business last week was as good as was expected, but nothing of consequence was going on. Some prominent funerals took place and everything was used up. Callas are more steady. Roses seem to be enough to supply the demand. Carnations are doing as well as can be expected. Single violets are bringing 60 cents a hundred. Some chrysanthemums are yet to be had.

Horticultural Exhibition.

The ninth annual meeting of the Maryland State Horticultural Society was held in the Fifth Regiment Armory December 5 and 6 and was declared to be the most successful meeting yet held. Orlando Harrison, of Berlin, responded to the mayor's welcome. President E. P. Cohill made his annual address. Wm. Duckham, president of the Chrysanthemum Society of America, spoke on the chrysanthemum. An interesting talk was given by A. Herrington, also of Madison, N. J. Governor Warfield closed the meeting with a short address, after which a banquet followed at the Eutan house, where the governor was the guest of honor.

J. Bolgiano & Sons, H. F. Michell Co. and Griffith & Turner Co. made large displays of their products. The Franklin Davis Nursery Co. furnished hundreds of trees for the decorations. The city parks made a fine show of various kinds of plants.

The first prizes for floral displays were awarded to Stevenson Bros., John Cook, I. H. Moss, G. Morrison, F. C. Baur, Edward Kress, F. C. Banner, H. Weber & Sons, R. Vincent, Jr., & Sons, and E. Herman. Second prizes were awarded to I. H. Moss and John Cook. There was a long list of winners of awards for fruits and vegetables.

C. Gregorius showed stevia, a vase of Jeanne Nonin chrysanthemums and three vases of Dr. Enguehard.

I. H. Moss had a collection of cedars and various plants and a vase of Golden Gate and Bride roses.

Stevenson Bros. had an extra fine display of roses and carnations.

F. C. Baur had a vase of splendid mignonette.

Edward Kress had a beautiful wreath of Camellia Japonica entwined with large single violets and backed up with maidenhair ferns.

G. H. Rhodes, gardener to A. J. Tormey, exhibited a vase of his new mum, Mrs. Tormey, and a vase of Robert Craig carnation.

C. H. Totty, Madison, N. J., had a collection of pompon chrysanthemums.

R. Vincent, Jr., & Sons made a large display of their specialties.

E. Herman made a fine showing of primroses, peppers and chrysanthemums.

John Cook displayed a number of vases of roses and a vase of Enchantress carnation seedlings.

George Balderston, Colora, Md., had a neat wreath of sweet alyssum.

George Morrison's exhibit consisted of a vase of American Beauty, a vase of Kaiserin roses and a vase of Lawson carnations, also a collection of begonias and a large number of various kinds of plants, too many to mention. He also had a fine collection of pandanus.

Various Notes.

Edward Kress, East North avenue, claims he is the only florist that has Camellia Japonica in the state of Maryland.

The new chrysanthemum, Mrs. Tormey, made quite a hit at the show last week. G. H. Rhodes is the originator.

There seems to be a great demand for Mrs. Emma Hahn's stall in the market. It cannot be bought separately from the other business.

T. N. Gray was in town to buy galax leaves.

H. Reinhardt, Orangeville, Md., has taken up his father's business.

N. C. Davis, Landsdown, Md., is growing a large number of bulbs for Easter.

J. L. T.

BOONE, IA.—J. Loehrer has opened a store in connection with the L. W. Hintz drug store. Mrs. Loehrer will have charge.

The Weekly Florists' Review

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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Use a Steam Trap 324
Trouble with Heating 324
Pipe for Heating 324
Buffalo 326
Kalamazoo, Mich. 328

WATERTOWN, WIS.—Loeffler & Benke are building another house 30x100.

NOTICE.

To Advertisers and Correspondents.

Advertisers and correspondents are asked to note that both Christmas and New Year's fall on Tuesday, the busiest day in the office of the REVIEW. It will be necessary that copy for the issues of December 27 and January 3 be placed in our hands one day earlier than usual.

CHICAGO.

The Great Central Market.

The market has been erratic since last report. Stormy days have been a factor and shipping demand has some days been heavy, others light, so that on the whole trade has hardly been satisfactory; but it is never brisk in the first weeks of December. Monday saw a good shipping demand and nearly every one hustling for the right kind of stock for out-of-town orders, while there was at the same time a considerable quantity of material not shipable which was not in request and brought low prices if sold at all. It is to be expected that this week will see only light supplies, for all the growers will be doing what they safely may toward providing a supply for Christmas. They will not cut anything from now on which is not needed in the market.

If there is any one thing now in short supply it is Beauties. The demand for this leading item continues strong and receipts are promptly cleaned up. Quality is excellent with every one. Other roses are abundant and cooler weather has improved the quality. There are Killarney, Richmond and Chatenay of superlative excellence. Many orders are offered for these specialties for Christmas.

Carnations are equal to requirements and with practically all the growers the quality is all that could be asked. About the only exception to this is Lawson with some growers, for many are seen which have not yet attained a greater length than six inches of stem. On the other hand, with other growers Lawson continues to hold its old-time quality. Enchantress is superb. It is the one carnation with which no grower makes a failure. But Enchantress is so abundant this season that only the best of this variety make the extra price which has been asked for it in previous seasons. White sorts are sought because a large part of the demand is for funeral work. Harrisii and callas also are in active demand for the same reason, and it has in the past week been difficult to find them for late orders. Most of the Harrisii in the market are short in stem.

There have been only moderate receipts of violets, but the supply has been more than enough to go around, and, if violets have made lower averages in other markets, Rhinebeck growers are entitled to question the universal prosperity of which we hear so much. While the best violets have sold for $1.25, others have gone as low as 40 cents per hundred. The fragrant singles have sold well. Last week returns were rather better than those of this week because the charity bazaar at the Coliseum created a special demand for violets.

Quite a number of good chrysanthemums now are available. It appears that the supply of late sorts will be quite heavy. Prices realized have been only fair. Mignonette is in and when of first-class quality sells well. Large quantities of stevia are used, but the supply of Paper Whites and Romans is far ahead of the demand.

Among the specialties orchids are in short supply. A few good sweet peas are seen and sell at sight. Bouvardia sells well. A few pansies have been received and are quickly taken.

Green Goods.

Although bouquet green is scarce, some of it is of splendid quality. The E. F. Winterson Co. has had stock that readily sold at 15 cents per pound in small lots. Perhaps because of the scarcity of bouquet green, boxwood has been selling at a surprising rate. A quiet market for this was looked for because all the houses were heavily stocked a few weeks ago, but in the last week many have been cleaned out. Holly is in good supply and fine.

There is considerable alarm at the fern situation. Those in storage are reported not keeping well and the quality of the regular shipments coming from Massachusetts is not satisfactory.

Smilax and asparagus are abundant. Some splendid adiantum is being received.

Christmas Prospects.

The retailers are all counting on the largest Christmas trade they ever have done, and their enthusiasm is reflected in the confidence of the wholesalers regarding the large volume of business to be handled. The general anticipation is that supplies will be large, but of course much will depend on the character of the weather in the next ten days. We have had so much cloudy weather that we certainly are due for some sunny days, but if we do not get them we still shall have good quantities of stuff, for most growers report heavy crops just coming on.

Once again it is in order to caution growers against holding back their stock. It many times has happened that the market has been strong for a week before the holiday and taken a pronounced slump the morning after the shipping orders were dispatched. The bulk of the shipments this year go out on Sunday.

Growers also should not forget that Christmas is a holiday at which most flowers are used for gifts and no one is willing to use for this purpose anything but fresh stock. Pickled goods are absolutely without value.

Christmas Shipments.

Christmas shipments from Chicago will be made under difficult circumstances, as the bulk of the shipments must go out on Sunday. The trouble lies in the fact that incoming trains are not nearly so numerous on the Sabbath as on week days. The through trains go out as usual, but the locals do not run Sunday. Then, too, the express companies make no pick-ups after noon on Sunday. An effort is being made to get special wagons for the wholesale cut flower district all day Sunday, December 23; otherwise the wholesalers will have to make deliveries to the depots by hired conveyances.

Growers should bear in mind that shipments must get to Chicago Sunday morning and buyers will help by getting their orders in as early as possible.

Another Rose-Pink Enchantress.

Fortune has indeed been unkind to the carnation grower whom it has not favored with a sport of Enchantress. There are sports of almost every color, but the

WRITE TO

E. C. AMLING

ABOUT YOUR

Christmas Needs

Christmas Prices

Subject to change without notice.

	Per doz.
AMERICAN BEAUTY.	
Stems 30 to 36 inches	$10.00 to $12.00
" 20 to 24 "	6.00 to 8.00
" 12 to 15 "	4.00 to 5.00
Seconds	1.50 to 2.00
	Per 100
Bridesmaid, Select	$12.00 to $15.00
" Seconds	6.00 to 8.00
Bride, Select	12.00 to 15.00
" Seconds	6.00 to 8.00
Chatenay, Select	12.00 to 15.00
" Seconds	6.00 to 8.00
Golden Gate, Select	12.00 to 15.00
" " Seconds	6.00 to 8.00
Richmond and Liberty, Select	18.00 to 25.00
" " " Seconds	10.00 to 15.00
CARNATIONS.	
Select per 100	$4.00 to $5.00
Large and Fancies "	6.00 to 10.00
MISCELLANEOUS STOCK.	
Poinsettias per doz.	$3.00 to $4.00
Violets, N. Y. double per 100	2.00 to 2.50
" Single "	1.00 to 2.00
Valley, Select "	3.00 to 5.00
Callas per doz.	2.00
Harrisii "	2.00
Mignonette "	.60 to .75
Stevia per 100	1.50 to 2.00
Sweet Peas "	1.50 to 2.00
Romans "	3.00 to 4.00
Paper Whites "	3.00 to 4.00
Bouvardia "	2.00 to 6.00
DECORATIVE.	
Asparagus Plumosus, per string,	$0.35 to $0.50
" " per bunch,	.35 to .75
" Sprengeri....per 100,	3.00 to 6.00
Adiantum	1.00 to 1.50
Smilax, per 100, $15.00; per doz.	2.00
Ferns, per 1000, $2.00; per 100, 25c	
Leucothoe Sprays, per 1000, $6.00; per 100, 75c	
Galax, green and bronze, per 1000, $1.00	
" " " per case, 10,000, $9.00	
Boxwood.....35c per bunch; $7.50 per case	

NOTE.

"Special" Stock billed accordingly.

We shall have large supplies

FOR CHRISTMAS

No doubt of that. We shall have a large cut of all **Roses** of extra good quality. **Maids, Brides, Gates** and **Chatenay.** The special call for red stock will make **Richmond** and **Liberty** scarce; we shall have a fair supply. Our **Carnations** will be in full crop and the best stock we ever shipped; our **Enchantress** have been the finest in town this fall, and we shall have them still better for Christmas. Fancy, home-grown **California Violets** and the cream of the **Hudson River Doubles.**

Poinsettias

Fancy, long-stemmed. Prices, fancy, $4.00 per doz.; smaller grade, $2.00 to $3.00 per doz. Shipped in the original boxes of 50, as packed at the greenhouse.

Also large supplies of **Mignonette, Valley, Sweet Peas, Bouvardia, Harrisii, Callas, Paper Whites, Romans, Stevia,** etc. Bouquet Green is scarce; use **Asparagus** strings. Plenty other Green Goods, as always.

We urge early correspondence; give us your order for what you think you will need and if you find yourself running short write or wire additional orders; if seasonable flowers are to be had in Chicago, they are to be had at Amling's.

OPEN ALL DAY SUNDAY, DECEMBER 23.

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-36 Randolph St. CHICAGO, ILL.

Long Distance Phones, 1978 and 1977 Central. Automatic 7846.

Blooming Azaleas for Christmas

We will have ready for prompt shipment after December 15 a large stock of blooming Azaleas in well shaped plants of following varieties:

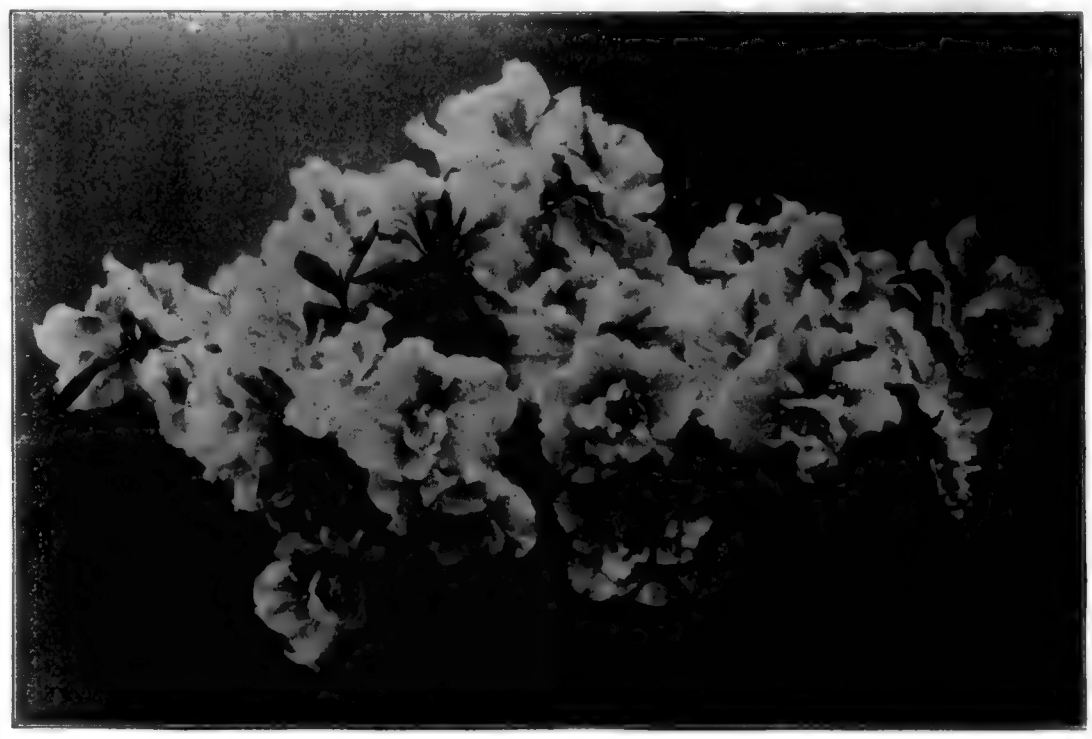
DEUTSCHE PERLE
Double White

SIMON MARDNER
Double Pink

VERVAENEANA
Double Variegated

APOLLO
Red

PRICE:—$15.00 per dozen, $115.00 per 100. CASH.



JAMES W. VESTAL & SON

LITTLE ROCK, ARKANSAS

rose-pink is the best of all. There are several rose-pink sports besides the one distributed by S. S. Skidelsky, originating with B. Schroeter, of Detroit. E. Blameuser, at Niles Center, has a Rose-pink Enchantress of which he has worked up a large stock and which has met with much favor as a cut flower, the blooms being handled by Holton & Hunkel at Milwaukee. He is busy propagating and will have considerable stock for spring.

Coatsworth on Cuttings.

"All the rose cuttings we shall take this year," said L. Coatsworth, "will be enough to replant the greenhouses of the Benthey-Coatsworth Co., New Castle, Ind., U. S. A. With a rose market such as we have enjoyed this fall and have in prospect as long as our stock holds its present quality we shall leave the cutting business to others. Of course we must propagate beyonds our needs for a margin of safety, but last year we cut off two crops of Killarney to get wood for cuttings. We haven't seen a day this fall when the flowers were not worth more than the cuttings. It is more or less so with other varieties."

There will be a big call for young stock of Killarney next spring. The success the Benthey-Coatsworth Co. and others are having with it will greatly stimulate the demand.

Various Notes.

O. J. Friedman has sued the New theater, recently organized to elevate the stage, for $418 for the decorations with which he helped them do it.

John Weiland, at Evanston, had a narrow escape from a disastrous fire at two o'clock in the morning one day last week. The sheds were destroyed and the palm house damaged so that there was some loss on stock. He figures a thousand-dollar bill would not more than set him even.

Mr. and Mrs. O. P. Bassett have booked passage on the White Star steamer leaving New York February 5 for a tour of Egypt and the Nile. They anticipate being in Europe four or five months.

Kennicott Bros. Co. reports that one of its growers will have his entire crop of Jeanne Nonin chrysanthemums in for Christmas.

It is stated that one of the reasons for the increased supply of chrysanthemums this year was that many lettuce growers, finding the first crop of lettuce not especially profitable, this year planted their houses to chrysanthemums and are only now starting their lettuce.

It is reported that W. L. Palinsky's azaleas were not shipped according to his forwarding instructions and met a delay which resulted in the complete loss of the stock. He refused to accept it from the carrier.

When Mrs. C. W. Reimers, of Louisville, was in town last week, she made arrangements with E. H. Hunt to handle her poinsettias this season.

Vaughan & Sperry have had a quantity of California pepper berries. They have sold well, although many of the retailers do not seem to be familiar with this very useful berried green. It will be better known in a week.

All the retailers are making preparations to handle the increased Christmas business. Delivery is a great problem with many, but with others lack of selling space is troublesome. A. Lange has secured a room on the second floor of the Heyworth building for his plant display and salesroom.

J. P. Risch has been having a serious time with an ulcerated tooth, which put him out of the running for several days. His father also was in bed all last week with a severe cold.

H. Woods Co., on South Water street, is doing a large business on greens with the florists. They will have a refrigerator car of California pepper berries in this week.

C. L. Washburn says that never in his experience has the glut of chrysanthemums had so little effect on the demand for and prices of Beauties as during the season just closed.

F. R. Falkenstein, Naperville, Ill., is sending E. C. Amling some especially good Golden Chadwick. The form and color of the flower as he grows it are especially good.

There is a difference of opinion as to what Christmas will bring forth in supplies of poinsettias. Some houses say they will be scarce, others that large supplies will be available and prices likely to rule lower than usual.

There was a meeting of the executive committee of the Horticultural Society at P. J. Hauswirth's last Friday afternoon to close up 1906 flower show affairs. The financial outcome was much more satisfactory than was at first thought likely in view of the falling off in attendance—and everyone is happy.

At the Northern Illinois State Normal School the John C. Moninger Co. recently erected a conservatory, with heating ap-

Pine Tree Ribbons

Superior in every way and yet lower in price.

YOU SAVE ALL BETWEEN PROFITS.

Realize what this means. No profit to the jobber, none to the wholesaler, none to the commission house. All these profits are added to the quality of the Ribbons. **Pine Tree Ribbons** are on the flowers and bouquets of the best florists throughout the land. If you have never seen Pine Tree Ribbons, write a postal for samples (which cost you nothing.)

Compare quality and prices with the ribbons you now use. The lustre, the firmness, the perfection of colors, are Pine Tree specialties, and the prices are, Pine Tree Prices. This means—

Ribbons superior in every way and yet lower in price.

The Pine Tree Silk Mills Company
Philadelphia

Office and Salesrooms
806-08-10 Arch St.
52-54 North 8th St.

The satin ribbons, the taffeta ribbons, the messaline ribbons in narrow and wide, these are the ribbons now in vogue. The Florist has a wonderful range of qualities to select from. Use **Pine Tree Ribbons** and your qualities will be right.

Office and Salesrooms
806-08-10 Arch St.
52-54 North 8th St.

partus and everything complete, even to a live alligator for the pool of water in the center.

C. W. McKellar reports quite a call for gardenias, but great difficulty in filling orders. Cattleyas also are scarce.

At Peter Reinberg's they report a fine sale for the Mrs. Marshall Field rose. Mrs. Field herself often orders them of the leading retailers.

N. J. Wietor says that Wietor Bros. have not felt the slack demand of which there is more or less general complaint. He says that they have had rather heavier and steadier cuts than usual all through the autumn, and that if December is proportionately as good as November, he will be more than satisfied.

Theo. Hauschke reports good business for Thanksgiving and predicts a record Christmas trade for all the retailers on the northwest side.

Sam Pearce is sending some fine poinsettias to Zech & Mann. He has not heretofore grown them in quantity.

George Reinberg has another big lot of poinsettias for Christmas. Last year they were fine and brought such good prices that more were grown this year.

George Weinhoeber is at home from Boston, where he has been studying landscaping with Olmsted Bros. He purposes setting up for himself in the same line here in the west.

The A. L. Randall Co. says that for Christmas violets will in all probability be, as at Thanksgiving, not in so heavy supply as last year, but still enough to take care of all orders.

Sinner Bros. have made good money on their Harrisii and callas in the last fortnight.

At J. A. Budlong's, Phil Schupp says that as an all-round white carnation Boston Market is not beaten. It is a fine flower, good bloomer and splendid shipper.

According to the Aurora Beacon, Col. Fabyan, of Bliss, Fabyan & Co., the dry goods commission firm in the Medina Temple, is the owner of the Riverbank Greenhouses, Batavia, Ill., conducted by Engledew & Co. The manager's name is Hamlin. Engledew is in the office of Bliss, Fabyan & Co.

The Foley Mfg. Co. finds, as is inevitably the case, that work on its new factory is progressing slower than was expected. They now say they will not be fully settled there before March 1, but still in time for the busy season.

Poehlmann Bros. Co. had tulips as early as December 8, so far as records go, the first of any in the country. They expect to have quite a few in good shape for Christmas.

Club meeting tonight.

Visitors.

Among the numerous visitors of the last week were: H. V. Hunkel, Milwaukee; P. M. Palez, with J. W. Vestal & Son, Little Rock, Ark.; A. Siegel, St. Louis; Mrs. C. W. Reimers, Louisville, Ky.; Henry Baer, Peoria, Ill.; A. Cohn, Kalamazoo, Mich.; Col. E. H. R. Green, Dallas, Tex.; G. A. Colberg, of Colberg & Lemke, St. Paul; E. Loeber, Cincinnati; W. H. Weinschenk, New Castle, Pa.; S. B. Wertheimer, New York.

HIGHLAND, ILL.—Fred E. Hollard, the florist and gardener, opened his store November 26 in the Mosiman building.

LOWELL, MASS.—George A. Saunders, of Mellor & Saunders, florists, assigned all his property, November 30, for the benefit of his creditors, to his son, Arthur W. Saunders.

NEW YORK.

The Market.

Trade last week was below the average. The new week opened with the worst sleet storm the florists can remember. Trains were delayed and business suffered. Louis Kuebler, a brother of W. H. Kuebler, the wholesale florist of Brooklyn, was quite seriously injured by falling on the icy street. Doubtless this condition in the cut flower trade will remain throughout the week, as has always been the case in the weeks preceding the holidays. In the meantime great preparations are being expectantly made by every one for a tremendous Christmas business.

Beauties are firm at $60 per hundred for the best. Selected Brides and Maids bring $10 per hundred. In occasional sales a higher figure is sometimes possible, but these rates will cover the general average.

Carnations grow better daily. Orchids are scarce. Violets are abundant, 75 cents per hundred was top on Monday. There will be enough and to spare for Christmas. Any great advance in value is impossible. There are plenty of hyacinths and narcissi. Gardenias and valley are in demand but short in supply.

Holly, wreathing, wild smilax, all the holiday goods, including Christmas trees, are abundant. The blooming plant supply is perfect and all the growers are stocked bountifully.

Club Meeting.

Notwithstanding the rain, over 100 members attended the club meeting Monday evening. Four new members were elected and Messrs. Gleckner, Howells, Seligman, Levy, Cockrill and Tierney



The Conqueror Brand
Est. 1899

EXPANDING

On or About February 1, 1907

The National Floral Ribbon House

will remove to its new and commodious quarters at

550 Broadway, New York

With the added space and facilities for handling our rapidly growing business we hope to merit your continued support and hereby thank the florists of America for their past patronage.

Write for sample of a gorgeous new American Beauty Ribbon, a decided novelty not listed in our catalogue.

Complete catalogue of Ribbons and Chiffons upon request.

WERTHEIMER BROS.

THE NATIONAL FLORAL RIBBON HOUSE

463=467 Broadway, NEW YORK CITY

nominated. The resignation of John N. May was accepted with regret and he was elected an honorary member. The same courtesy was accorded Charles H. Allen. The resignation of Emil Steffens also was accepted.

The result of the election was as follows: For president, C. H. Totty, 72 votes, J. B. Nugent, Jr., 29 votes; for vice-president, A. J. Manda 74, H. O. May 28; for secretary, John Young 76, A. J. Guttman 25; for treasurer, A. W. Wheeler 54, Charles Weathered 48; for trustees, John Scott 83, Walter Sheridan 61, Julius Roehrs, Jr., 56, John Donaldson 37, A. V. Hallock 28, Charles Lenker 25.

Strong and appreciative addresses were delivered by Messrs. Totty, Manda, Young and Wheeler, each pledging earnest effort to maintain the position of the club.

E. S. Osborn, the nurseryman of Rochester, was present, a guest of Mr. Lenker.

The award committee, Messrs. Totty, Scott and Manda, announced their decisions as to the fine exhibits of the evening, as follows:

From A. Demeusy, of Flatbush, vase of a crimson carnation seedling scoring 85 points and awarded a certificate.

From Dailledouze Bros., Carnation Welcome, pink, a sport of Lawson, scored 89 points and awarded a certificate.

From Guttman & Haines, Imperial, scored 82 points, and Pink Imperial, scored 85 points; awarded the thanks of the club and in line for its certificate.

From Mr. Tierney, of Navesink, a new red, Mrs. Robt. Hartshorne, awarded 74 points and the thanks of the club.

A. C. Zvolanek, Bound Brook, vase of winter-flowering sweet peas.

From F. G. Mense, Glen Cove, single violets, awarded cultural certificate.

From H. Turner, Castle Gould, L. I., specimen Begonia Gloire de Lorraine, awarded a cultural certificate.

The president appointed Messrs. Traendly, Wheeler and Stewart to draw up resolutions on the death of the wife of E. V. Hallock, of Queens, L. I. Mrs. Hallock died suddenly on Saturday and funeral services were held on Monday.

Various Notes.

David Clarke's Sons are ready for Christmas, if their well stocked big store is any indication. The only anxiety seems to be the need of room. Novelties in miniature mantel decorations attract much attention. Hundreds of baskets filled with flowering and foliage plants will be the specialty here this season.

Thorley and Fleischman now have a quartette of retail stores, straws which show which way the wind of progress and opportunity is blowing in this fast growing metropolis, and yet there is room.

Charles Millang has three centers of trade this season, in all of which business has been booming. At his new premises on Twenty-eighth street, near Fifth avenue, he contemplates a plant market in the spring.

B. S. Slinn, Jr., has some grand shipments of violets daily that compare favorably with anything coming down the river.

McManus has made elaborate preparations for the Christmas orchid demand. He reports the long distance telephone warm with inquiries and advance orders, the scarcity of the supply making early engagements a wise precaution.

As the years roll J. K. Allen's business grows. "Every morning at six" the bird of good omen sings his song of hope. Most roosters of 20 years are tough, but this is an exception to the rule.

Perkins & Schumann are delighted with the new store and the first Christmas there promises to be an inspiration. The union of young blood and the veteran of 1872 cannot but win a share of the constantly growing prosperity of the wholesale business.

Ford Bros. report a year double any other in their history. So much for the big store and its conveniences and unsullied reputation. It's a good sign when growers never change their representatives.

James Hart has a big store and is adding holly and other Christmas evergreens to his cut flower department. He has done a large business in hotel winter decoration this fall and is as ambitious as he was in 1871, when he was the pioneer. Thirty-five years is a long pull in the wholesale flower business.

William Starke has made a fine reputation for himself as a plantsman and is fast building up a business that is permanent and creditable. His trade in evergreens, boxwood, palms and ferns the last three months has been phenomenal.

A. Warendorff's windows never looked more attractive than now, though they are never commonplace and always demonstrate artistic taste and skill.

Moore, Hentz & Nash keep things

OUR 57TH YEAR

Holly **1849—CHRISTMAS—1906** Mistletoe

An unusual display of Flowering and Decorative Plants for the Holidays will be on sale this week commencing December 17th.

AZALEAS BEGONIAS DRACAENAS PRIMROSES
ARAUCARIAS BOSTON FERNS HEATHER POINSETTIAS
ARDISIAS CYCLAMEN ORANGE PLANTS PALMS

FANCY BASKETS OF GROWING PLANTS, TRIMMED OR UNTRIMMED

THE CHOICEST OF FRESH CUT FLOWERS FOR CHRISTMAS DELIVERY

Out-of-town orders for delivery to your friends in New York carefully and promptly filled at reasonable prices.

PRINCESS PINE AND LAUREL ROPING
PINE AND HOLLY WREATHS

DAVID CLARKE'S SONS
2139, 2141 BROADWAY, COR. 75TH STREET NEW YORK

Telephones, 1552 and 1553 Columbus.

moving at their headquarters in the Coogan building, where Mr. Nash presides with the suavity of one to the manor born.

The tropical effect at the great store of Alexander McConnell in the Arcade on Fifth avenue is intensified by the height of the ceilings. The move to this splendid center was most wise and business has increased beyond all anticipation.

A. Herrmann reports a tremendous Christmas trade, a shortage in moss wreaths and immortelles and the usual yearly growth.

The National Florists' Board of Trade reports many accessions to membership in the last few weeks.

H. E. Froment has maintained and enlarged the big business of his predecessor and is increasing his total daily output to record figures as the products of his extensive growers increase. His receipts of Beauties from the new houses of his patrons are now enormous. The old force of lieutenants remains.

John Seligman & Co. have built up a fine trade during 1906. Their big store is excellently located. These young men are both popular and the coming year will mark still greater progress.

A. M. Henshaw says the square deal is bearing fruit. His present quarters are limited when the bulk and growth of his trade are considered.

George Cotsonas & Co. now occupy the whole store at 50 West Twenty-eighth street. It is none too large for the immense trade in ferns, galax and wreathing which they are doing for the holidays. Day and night an increased force is at work on orders.

A. L. Young & Co. have abundant room and conveniences now that the addition to their fine store at 54 West Twenty-eighth street is completed.

Russin & Hanfling have their building full of baskets and useful novelties for Christmas. They manufacture many specialties in supply goods, sheaves, etc., and will take their place with the other successful supply houses of the country.

A. J. Guttman is enthusiastic over his latest carnation acquisitions, Imperial and Pink Imperial. They attracted much attention at the club meeting. Victory maintains its splendid reputation.

Myer, the retail florist of Madison avenue, has just added a fine wagon to his other acquisitions.

Young & Nugent maintain their finely decorated window. Mr. Nugent has the same skill in artistic floral effect that he has in managing concoctions for the inner man, a skill that has been no small factor in the club's progress the last three years.

Leikens wears his perpetual smile these days, his branch at the Belmont and his attractive store near the Waldorf giving him ample cause for self congratulation.

Traendly & Schenck seem to think three floors too little for their coming holiday exhibitions. Perhaps another year will make the use of the whole building a necessity.

Thomas Young's new wholesale store at 42 West Twenty-eighth street is now completed and most convenient.

Bonnot Bros. are shipping more and more to out-of-town sections and are handling more fine roses as the days grow shorter.

The author of "How to Grow Violets" has left his impress on Dutchess county and made for himself an imperishable monument in the glass houses devoted to the raising of the popular little fragrant flower.

John Young will have his own Beauties from "the largest house" and the entire output of the Cottage Gardens carnation factory for Christmas.

Gunther Bros. still hold the fort on Twenty-ninth street, where they have grown and flourished since 1888. They expect a larger holiday trade than usual.

Frank Millang manages to be on deck now daily, though still on crutches and nursing his broken ankle. Inactivity is so unusual with Mr. Millang he is having the ordeal of his life, but he will be himself again by Christmas. The Cut Flower Exchange is a busy place these days.

Joseph Fenrich, with Totty's mums and roses and Schultheis' valley, among other good things, says business has grown most encouragingly during the year he has been in his new store on Twenty-eighth street.

Lecakes & Co. have a big force at work and many thousands of yards of roping ready for advance orders. Jno. J. Foley is the same efficient manager as ever.

The Geller Company's new store is fast assuming ship-shape and is already crowded with Christmas novelties. Its display conveniences are excellent.

The Kervan Company is receiving big shipments of wild smilax, holly and Christmas greens of all kinds from the south and report a good advance in the volume of their business for the year now closing.

A new store has been opened by E. A. Reth at One Hundred and Thirteenth

POINSETTIAS

Long Stem, Good Flowers
$25.00 to $40.00 per 100

Our Stock of Cut Flowers and Greens

For Christmas will be complete in every respect. The quality promises to be fine, the supply in some lines a trifle short. Poinsettias, the ideal Christmas flower, is a leader with us this year. You can't beat ours for quality. Here are a few of the big sellers that you will want—we will have them in quantity:

BEAUTIES **LIBERTIES** **RICHMOND**

Fancy BRIDES and MAIDS **Double Single VIOLETS**

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

street and St. Nicholas avenue, a splendid locality. It is finely fitted in gold and white enamel, with an abundance of mirrors and a superb stock of plants of every variety. Mr. Reth was for thirty-seven years with Bridgeman, the seedsman, and sold his interests to the Rickards Bros. a few months ago. His old friends will be pleased to know of his new venture and he has the best wishes for success.

For rapid development of the seed business and steady establishment of success, the Rickards Bros. take the palm. In four short months they have demonstrated their ability far beyond their expectations. Personal popularity, hustling, public confidence and perpetual good nature are the foundations of their progress. Large purchases have been made in Europe for the spring trade. Next summer one of the brothers will visit the old country. No more enthusiastic salesmen exist. Good will of a host of friends in the trade is shown. Practically years of canvassing make their visits welcome. Unique advertising has been a feature of their progress. Their "mule barometer" is the latest reminder. Everybody uses it as a sure weather guide. They send one to all enquirers. The Bridgeman name will be perpetuated another century.

Ernest Sampson, formerly with the Hodgson Co., of Fifth avenue, is now associated with C. W. Eberman in the wholesale plant business at 53 West Thirtieth street. A cut flower department will be added to the enterprise after the holidays. Mr. Eberman is greatly elated with his success and has his store well stocked with every variety of plant. He will have an extensive Christmas display.

The Limprecht Supply Co. will have the decoration of the big Fifth avenue cathedral for Christmas, as usual. Seven decorations in the last week is the company's record. The store has been thoroughly repaired since the fire, and the son of Max Limprecht is maintaining the excellent record made by his father and proving himself to be an efficient manager.

At 10 West Twenty-ninth street, close to Broadway, William Donohoe has opened a branch store for the holidays. The location is excellent and only a few doors from his headquarters. Mr. Donohoe is preparing for his biggest Christmas and has enjoyed a most successful year, his trade growing constantly in volume and quality.

Brooklyn.

Harry Crawbuck, of Brooklyn, handles great quantities of wild smilax for Caldwell, and all other Christmas goods, and says Brooklynites have no reason to cross the bridge for anything in his line.

Bonnet & Blake now receive the entire stock grown by John N. May, of Summit, N. J., and many other noted Jersey and Long Island growers. Mr. Bonnet is still on the sick list and has had many weeks of suffering, but hopes to be recovered for the holiday trade. The new store is just what was needed for their growing business.

Truman Flagler, at 926 Fulton street, reports a rapidly increasing trade and brilliant prospects for a great Christmas in his fine family section.

Robert G. Wilson has now two establishments in Brooklyn, the Shannon greenhouses on Greene avenue proving a great convenience. The growth of Mr. Wilson's business has been wonderful.

William H. Kuebler thinks before another year his growth will make a larger store a necessity. The year closing finds great progress made.

Hicks & Crawbuck have about everything in florists' supplies any Brooklynite can need and number many growers of suberb roses on their books. There are few larger or more convenient stores than 76 Court street, Brooklyn, in the wholesale business. J. Austin Shaw.

PHILADELPHIA.

The Rising Eastern Market.

Business conditions are a trifle less buoyant than a week ago. Flowers are still scarce, and prices advancing on some varieties, but the lull which precedes a holiday rush is evident in the demand. Carnations continue the scarcest item on the flower list. Fancies are readily sold at fine prices, while even ordinary stock commands figures that seem high. Violets are fairly plentiful, while the demand has fallen off to such an extent that prices are fully fifty per cent less than one week ago. Roses are advancing in price. The quality of the higher grades is fully up to midwinter form. On this stock, too, the demand is slightly less than a week ago, the smaller red roses being especially affected.

Chrysanthemums are nearly over, the fancies being represented by Jeanne Nonin and Dorothy Faust, both white, while the select stock is chiefly Mrs.

Christmas Specialties

POINSETTIAS, choice stock, $15.00, $25.00 and $40.00 per 100.
CYPRIPEDIUM LEEANUM, $2.00 per doz.

Case Holly
Well berried, best stock in the market gathered by our special agents in Delaware and Maryland. $4.50 per case; special rates on large quantities.

Holly Wreaths
Good selection of well made, well berried stock. $15.00 per 100.

Laurel Wreathing
Made extra heavy, glossy and fresh, 4½c and 5c per yard.

Mistletoe
Home-grown; best we have ever handled. $7.50 and $10.00 per case.

Boxwood Sprays
More popular than ever; indispensable to every florist. 50-lb. case, 15c per lb.

Winterberry
$3.50 and $5.00 per case.

Red Ribbon
Specially designed for our select and exclusive trade. The finest low priced ribbon on the market. Samples and prices on request.

Christmas Plants
Hollies, Aucubas, Farleyense, Imported Evergreens, Pyramid Box Trees. Write for our special list.

S. S. PENNOCK-MEEHAN CO.
THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

CHRISTMAS CHIMES

Will ring more merrily for you if you have plenty of the carefully selected stock from

THE Florists' Supply House of America

IMMORTELLES, the largest stock in the country.
IMMORTELLE WREATHS, always popular.
STATICE WREATHS, with California Red Berries, artistic and pretty.
MOSS WREATHS, just received.
CHRISTMAS BELLS, in three sizes.
PLANT HAMPERS, our own special designs.
Crepe Papers, pleated waterproof, choice color combinations.
DAINTY BASKETS for Violets and Lily of the Valley.
EVERYTHING IN SUPPLIES.

H. BAYERSDORFER & CO.

Note Our New Number
1129 ARCH ST., PHILADELPHIA

Mention The Review when you write.

Jerome Jones, yellow and white. Inquiry as to whether chrysanthemums will last until Christmas elicited the response that they will unless they can be sold sooner, which fairly sums up the case.

Poinsettias have made their appearance; the stock is unusually fine and plentiful. A feature of the market has been the extraordinary scarcity of lilies of the valley, due, it was stated by the S. S. Pennock-Meehan Co., to an unexpected falling off in the supply, which will be overcome in a few days. While this scarcity lasted, ordinary stock was eagerly taken by buyers who generally demand the best.

Cattleyas, cypripediums, dendrobiums and mixed orchids are in good supply and sell readily. Gardenias are extraordinarily scarce, the supply being almost nil, although we are promised heavier shipments shortly. Mignonette is another scarce commodity. It is said to be late, and it is understood that it has not always been profitable to the growers in past seasons. The present prices ought to satisfy anyone who knows how to handle it. Romans are in good demand, but Paper Whites sell slowly, although fine. There has been an improvement in the demand for adiantum fronds. Asparagus plumosus is selling better than A. Sprengeri.

Christmas Prospects.

Indications for the holidays point to an unusually fine stock of American Beauties, Bride and Bridemaid roses, at prices that good judges believe will be about the same as those of last season. There will be more red roses than last season, Liberty being reinforced by additional plantings of Richmond. It is probable, however, that the demand will consume the entire stock at fair prices, as there have never been enough red roses during the holidays. Poinsettia, the Christmas flower, though perhaps it is more accurate to say bract, promises to give ample opportunity for Christmas decorations, for it will be more plentiful and better than ever before. Violets promise to be plentiful if the weather gives them only half a chance, and indications point to moderate prices on these dainty flowers. The prospects of heavy gardenia crops, so bright in No-

PITTSBURG CUT FLOWER CO. Ltd.

HEADQUARTERS FOR

Pennsylvania Fancy Green Sheet Moss,

BOXWOOD and MISTLETOE

222 Oliver Ave., PITTSBURG, PA.

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

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SOUTHERN WILD SMILAX

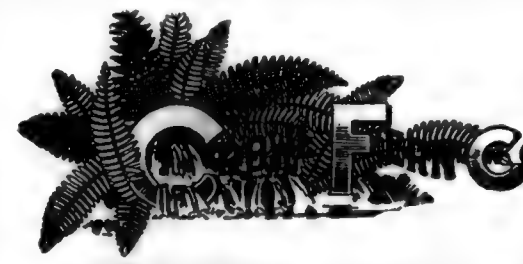
50-lb. cases, $5 00.
It always pleases. Liberal discount on 2 or more cases.

HOLLY, the prettiest I ever saw, heavily berried, 2x2x4 crate, $2.50. **MISTLETOE,** well berried, 20c per lb, delivered and packed in small light crates. **SABAL PALM LEAVES,** $2.00 per 100. **SABAL PALM CROWNS,** $2.50 per dozen. Assorted cases for parlor decorations, $3.00. Fill orders until Feb. 15. Express rate low. Long Distance Phone, Postal and Western Union Tel. Lines.

Cash with order or satisfactory references.

E. SANDERSON, Eutaw, Ala.

Mention The Review when you write.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3 00 per doz Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Send your orders for Laurel Festooning in now for Xmas, as later we may be unable to fill them.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

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FANCY



DAGGER

Hardy Cut FERNS

FIRST QUALITY, **$1.00** PER 1000.

ALSO DEALER IN

Christmas Trees, Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. HINSDALE, MASS.

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vember, are clouded in uncertainty at this writing. Orchids will be as plentiful, or more so, than ever before, but it is unlikely that the supply will equal the demand. Of carnations it is difficult to write with certainty. It seems, however, safe to say that while the quality will average high, the quantity will be far below that of last season. Even the growers who have not been troubled with stem-rot are shipping fewer flowers to town than the size of their places would seem to warrant.

Summing up the whole situation, the supply of flowers should be all that could be desired, barring only carnations, to suit the most fastidious demands. The wholesalers have been making extraordinary preparations for the distribution of holly, mistletoe, laurel and other greens. All are reported in fine condition.

Various Notes.

The Leo Niessen Co. will be strong on American Beauty roses; also on Brides and Bridesmaids. Their stock of poinsettias will be a feature.

Joseph Heacock, of Wyncote, who has just returned from New York, says that three or four of the leading retailers there prefer Richmond to Liberty. They claim that among other advantages the former rose is a better keeper.

Geo. Cook, of Washington, D. C., was a visitor at the S. S. Pennock-Meehan Co. a few days ago.

W. F. Gude, of Washington, D. C., states that there were as many flowers used at the funeral of Samuel Spencer, president of the Southern Railroad, as at the funeral of the late President McKinley.

P. J. Lynch, of West Grove, Pa., has the sympathy of his many friends in the death of his mother.

Robert Schock, with Julius Kohler & Son, Frankford, will assist W. E. McKissick immediately after the holidays. Mr. Schock has been in his present position for eleven years and is one of the most promising young men in our profession.

Wm. Klingsporn, brother of Paul J., is selling for Berger Bros.

M. Rice & Co. have just received the largest importation of exclusive florists' ribbon that has ever been entered at the port of Philadelphia, among which was their ombre-shaded ribbon in twenty new combination flower shades. This ribbon must be seen to get an idea of how pretty it is.

H. Bayersdorfer & Co. will receive 150 cases of supplies for Christmas on the steamer Augusta Victoria, now due at the port of New York. Two other steamers, with cargo for this firm, will

Notice

A. L. YOUNG & CO.

We do business on the level and act on the square.

TELEPHONE, 3559 MADISON SQUARE

WHOLESALE FLORISTS, 54 WEST 28TH STREET

Receivers and Shippers of
CHOICE CUT FLOWERS

New York, Dec. 8, 1906.

To Growers:

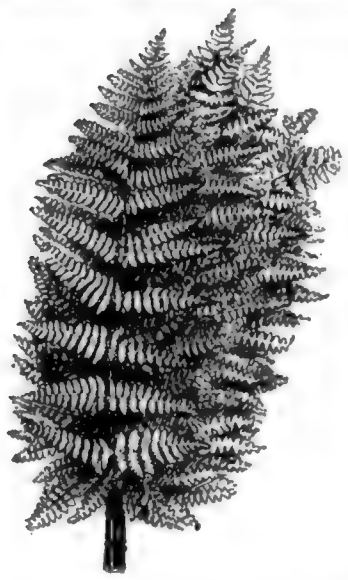
We need a greater quantity of stock to supply the demand of our increasing trade and desire to communicate with growers of good stock and will make very favorable terms to you. We are Wholesale Florists; goods contracted for, bought for cash or sold on commission, by the thousand or ten thousand. Write us what you have, and make us a shipment, and we will write you at once highest market value.

We have ample accommodations for large shipments and have everything conveniently arranged for receiving and handling goods with facility and dispatch and selling same promptly and satisfactorily. Our location is unsurpassed.

Are you looking for a place where there is a real outlet for your goods? Where they will be sold quickly and for your best advantage? Where you will get your returns at once and in full and where care and attention will be paid to all details? Then we are the people, for we can assure you that is our constant aim.

Let us hear from you at once. Yours very truly,

A. L. Young & Co.



Headquarters for

Christmas Greens and Florists' Supplies

HOLLY, best in the market, $5.00 and $6.00 per case.

WILD SMILAX, $4.00 and $7.00 per case.

BOX GREEN, $15.00 per 100 lbs.

HARDY FERNS. Fancy, $1.50 per 1000; Dagger, $1.00 per 1000.

GALAX, New Crop, Green and Bronze, $1.00 per 1000; $7.50 per 10,000.

LAUREL. Wreaths, $2.50 per doz. and upward. Festooning, 5c and 6c per yard.

HENRY M. ROBINSON & CO.

11 and 15 Province Street, and 9 Chapman Place, -- BOSTON, MASS.

Loug Distance Telephone MAIN 2618.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

GALAX LEAVES
and Leucothoe Sprays
J. G. LOVEN, MONTEZUMA, N. C.
Mention The Review when you write.

MISTLETOE
Well berried, per case, (2 bu.).....$2.50
Long Grey Moss, per sack 25 lbs..... 1.00
Yupon and Wild Smilax, per case, 8 cu. ft..... 2.50
WM. C. STEELE, Alvin, Tex.
Mention The Review when you write.

Holly! YOU WANT THE BEST
REGULATION SIZE CASES PACKED WITH CARE
CHRISTMAS EVERGREENS, all kinds
FLORISTS' SUPPLIES
Holly!
WELCH BROS., 226 DEVONSHIRE ST., Boston, Mass.
Mention The Review when you write.



Extra fine new crop FANCY FERNS $1.50 per 1000.
Discount on large orders
Boxwood, 20c lb.; 50 lbs., $8.50.
GALAX Bronze and Green $1.25 per 1000.
Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.
MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 Broadway, DETROIT, MICH.
Mention The Review when you write.

arrive about the same time. To meet them, the U. S. Express Co. has contracted to furnish three express cars in bond, so that the goods may be rushed through to this city without a moment's delay.

August Doemling, of Lansdowne, Pa., who has rented the Price place for several years, will erect five greenhouses 21x150 on a new piece of ground in the neighborhood of his former establishment, which will be torn down next season. D. T. Connor, of Lord & Burnham Co., has the contract.

An unfortunate supplement to the fire at Jacob Becker's, reported in this column two weeks ago, was the switching of an expensive automobile into the end of his greenhouse through the medium of a dirt pile a night or two later.

Edgar Upton's cheerful smile shows confidence in his ability to satisfy the most critical Christmas buyer, or, possibly, his acceptance of the President's views on race suicide.

M. Rice & Co. report receiving an immense order for wheat sheaves, the largest, they believe, ever given.

Godfrey Aschmann is making a special offer of Christmas plants of good quality. PHIL.

STEAMER SAILINGS.

Travel to Mediterranean and other southern ports begins with real winter. Compared to summer sailings it amounts to little for the florists, but it is nevertheless worth while to occasionally remind the public of your facilities for delivering flowers at distant points on short notice. Here are principal sailings:

Steamer—	From—	To—	Sails.
Ivernia	Boston	Liverpool	Dec. 25
Haverford	Philadelphia	Liverpool	Dec. 29
Caronia	New York	Egypt	Jan. 5
Noordland	Philadelphia	Liverpool	Jan. 5
Cedric	New York	Egypt	Jan. 5
Hamburg	New York	Naples	Jan. 10
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19

RED BERRIES
on branches, $2.00 per case and up.
Select Dagger or Fancy Ferns—$1.25 per 1000.
New Crop Best Bronze and Green Galax—$1.00 per 1000: $6.00 per 10,000.
Green Leucothoe Sprays—Extra select, 60c per 100; $5.00 per 1000.
Green Sheet Moss—$1.75 per bbl.
Very Best Wild Smilax—60 lb. case, $5 00.
Best Delaware Holly—$5.00 per case.
Cash, or satisfactory reference, from unknown parties.....
I guarantee everything I sell to be delivered in satisfactory condition.
E. H. HITCHCOCK, Estb. 1896 Glenwood, Mich.
Mention The Review when you write.

GALAX LEAVES
New crop; fresh from the patch, prices as follows:
Bronze and Green Galax Leaves...$0.50 per 1000
Fancy and Dagger Ferns..... 1.00 per 1000
Green Leucothoe Sprays..... 2.50 per 1000
Bronze " " ..... 5.00 per 1000
Rhododendron Sprays..... 3.00 per 1000
Kalmia or Mountain Laurel..... 3.00 per 1000
Also Rhododendron Plants which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches, 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.
J. N. PRITCHARD, Elk Park, N. C.
Mention The Review when you write.



FERNS
Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality, and the
CHRISTMAS TREES
Can't be beat. Write for prices.
ROBERT GROVES, Adams, Mass.
Mention The Review when you write.

GALAX, GREEN AND BRONZE
LEUCOTHOE SPRAYS
Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.
WELD & FRANKLIN, Altamont, N. C.
Successors to C. W. Burleson & Son.
Mention The Review when you write.

MISTLETOE
The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale delivered prices to any express office in the U. S. or Canada.
F. C. BARKER & CO.
Las Cruces, New Mexico
Mention The Review when you write.

Ferns=Galax=Leucothoe
Hardy Fancy Ferns
Per 100.....20c Per 1000.....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1 00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$1.50
Boxwood
Per lb.....20c Per bunch.....35c
Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00
Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50
C. E. CRITCHELL, Wholesale Commission Florist
36 East Third St., CINCINNATI, OHIO
Mention The Review when you write.

BRILLIANT
GALAX AND LEUCOTHOE SPRAYS
Wholesale Trade Solicited
J. L. BANNER & CO., Montezuma, N. C.

..Wholesale Galax and Leucothoe..
Direct from the woods to the dealer.
Galax, Green and Bronze..... 50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy, 70c per 1000.
Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.
F. W. Richards & Co., Banners Elk, N. C.

Always mention the Florists' Review when writing advertisers.

California Pepper Foliage

WE will receive on December 14 a car of California Pepper Foliage, standard size crates, shipped in refrigerator car under ice, which will insure its arrival in Chicago in as good condition as when picked from the trees.

In former season the pepper boughs were 5 days in transit from California in warm express cars, which damaged the foliage very materially. Without doubt you know the value of pepper boughs for decorative purposes. The crates contain about 30 pounds net weight foliage.

We quote for prompt acceptance

1 case lots . . .	**$4.00**
5 case lots . . .	**$3.75**

WREATHING

Natural	**3½c per yard**
Dyed	**3c per yard**

Wreaths

	Per doz.
Holly, fancy Delaware	$1.10
Holly, Southern	1.00
Holly and Evergreen mixed	1.00
Evergreen, plain	1.00
Evergreen with Immortelle flowers	1.10
Galax, green or bronze leaves	.90
Galax with Immortelle flowers	1.00
Magnolia Wreaths	1.00
Magnolia Wreaths, with Immortelle flowers	1.10

Delaware Holly	per crate, $3.75
Southern Holly	per crate, 3.25
Mistletoe	per lb. .20
Needle Pines	per doz. 1.50
Galax Leaves	per 1000, 1.00
Magnolia Leaves, heavily packed	per bbl. 6.50

Let us book your orders now, and you name date you want goods shipped.

Prices subject to market changes.

We manufacture all our stock.

We are prepared to fill orders in car lots at special prices.

H. WOODS CO.

127 S. Water Street, Long Distance Phone, Central 1712. **CHICAGO**

This Issue of The Review Contains 116 Pages.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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PRONOUNCING DICTIONARY

A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics, with the CORRECT PRONUNCIATION for each.

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334 Dearborn Street, Chicago

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WANTED—Market gardener: state experience, wages wanted and when free. Phillips Bros., West Chester, Ohio.

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WANTED—Salesman in retail florist store; party must be wide-awake, understanding his business; reference required. P. O. Box 593, Troy, N. Y.

WANTED—A one-horse florists' delivery wagon with top; must be in good shape. If you have one for sale address Hazelwood Greenhouses, Grinnell, Iowa.

WANTED—Experienced help for carnation section. Apply "Cut Flowers", 1035 Prospect Ave., Cleveland, Ohio.

WANTED—Young man, strictly sober, who has had some greehouse experience; must be good at potting. Address Muncie Floral Co., Muncie, Ind.

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WANTED TO RENT—Greenhouse establishment; about 12,000 square feet glass; near Philadelphia, Pa.; must be in good repair; take place in spring. Address Emil Wohlert, Florist, Bala, Pa.

WANTED—At once; good florist, able to take charge 10,000 feet of glass; general retail business; located in Central Wisconsin; steady position for the right man. Address No. **151,** care Florists' Review, Chicago.

WANTED—Good, sober man to handle a team and make himself generally useful around greenhouses; steady place to right man; state wages with board. Address No. **103,** care Florists' Review, Chicago.

WANTED—An up-to-date grower; single man; to take charge 18,000 feet glass; must be able to grow palms, ferns, carnations and bedding stock; must be a good propagator; do not answer unless you can fill the requirements. R. F. Gloede, Evanston, Ill.

WANTED—Two good salesmen in the wholesale cut flower business, in Philadelphia; none but men of good habits and those willing to put forth their best efforts need apply; good salary to men who can show their ability. W. E. McKissick, 1221 Filbert St., Philadelphia.

WANTED—First-class night fireman thoroughly familiar with high pressure steam boilers, who has had experience with the vacuum system, to work at large greenhouse plant. Pay good salary. Write Green Floral and Nursery Co., Dallas, Texas.

WANTED—At once, assistant gardener: experienced, single and sober greenhouse man; must be thoroughly reliable and understand his business; $25.00 per month, board and room. Address with references, William Reupke, Winterthur, Del.

WANTED—At once; night man: new, small retail place; must have fair general knowledge of growing plants and cut flowers; plant to be largely increased next spring when he can have full charge if right man. State salary expected and references. E. H. Olson, New London, Wis.

WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shubbery and two houses 17x50, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. **154,** care Florists' Review, Chicago.

WANTED—At once; a good, sober all-round florist; good in carnations, roses, mums and general stock; one who can work for $25.00 per month with board and lodging; single; place small; 6000 feet glass; answer quick. Box 442, Rockville, Ind.

WANTED—General greenhouse man to take charge of a department; force bulbs, azaleas, grow ferns and a general line of pot plants for retail trade; man between 30 and 40 preferred; must be sober; steady position; wages $12.00 per week. Iowa Seed Co. Greenhouse, 30th St. and Kingman Blvd., Des Moines, Ia.

WANTED—A man for general greenhouse work on a modern retail-wholesale place of 15,000 feet of glass; for a sober, intelligent, reliable man we have a good position and will pay good wages. Address with full particulars and wages expected. W. C. Hill Floral Co., Streator, Ill.

WANTED—Gardener who thoroughly understands starting cantaloupe and cucumber plants in pots in cold frames and the growing of all kinds of vegetable plants in frames and outside; also capable of looking after private grounds; no greenhouse; answer at once giving experience and salary expected. W. F. Allen, Salisbury, Md.

WANTED—Competent man for florist store; must have city experience and be first-class decorator and designer; also used to plant trade; to man capable of taking care of big trade and who is a willing worker a good position will be given; give particulars of experience, etc., in first letter, which will be treated as confidential. Address No. **133,** care Florists' Review, Chicago.

WANTED—A wide-awake working partner in an established and paying wholesale and retail florist business in southern California. have a sure market for all plants and blooms we can raise at high prices; mainly a catalogue trade; only a small capital needed; those who mean business write for complete information. Address No. **152,** care Florists' Review, Chicago.

FOR RENT—Two greenhouses, new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month; price $650.00. A good retail place. Address No. **141,** care Florists' Review, Chicago.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,100 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—Four greenhouses, 7-room brick cottage and barn, all in good condition, and well-stocked with carnations and pot plants; or will consider a good partner. Address J. Riemersma, 7111 Indiana Ave., Chicago, Ill.

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WANTED

We want a traveling man who knows the florists' supply line thoroughly.

Must know the trade of the middle west, particularly the undertaking trade.

Address with references and wages,

No. 143, care Florists' Review, Chicago.

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

WANTED

Salesmen visiting florists to carry an attractive and quick selling side line, extensively advertised, on liberal commission. Address **No. 137,** care Florists' Review, Chicago.

Wanted A man who understands roses and carnations and can make himself generally useful under a foreman.

IDLE HOUR NURSERIES, Macon Ga.

WANTED

Position as traveling salesman for good reliable wholesale firm, dealing in Plants, Seeds, Bulbs or Florists' Supplies. Have had ten years' experience in the Flower and Seed business, and can furnish very best of reference.

ADDRESS No. 155,
CARE FLORISTS' REVIEW, CHICAGO

FOR SALE

200 second-hand iron sash bars in good condition, drilled for glazing, 6 feet 9 inches long, and 200 bars 3 feet 8 inches long. The lot for $25.00.

1 small Haxton boiler in good shape all but front door, $35 00.

Boston Ferns cheap, see classified adv.

F. W. Heckenkamp, Jr., Quincy, Ill.

Mention The Review when you write.

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ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist Will sell at a sacrifice.

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Wholesale and retail business well located: 34 greenhouses; 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For Terms,

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FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 135, care Florists' Review, Chicago.



For Sale On account of ill-health I offer my place of 7000 ft. of glass for sale. All planted to roses, carnations, violets, mums and general stock; potting shed 66 ft. long; new barn, 5-room cottage, good well, city water, electric light; 2 acres of tilled land, 2 blocks from paved street; business increasing fast; can sell all I grow; one of the best towns of 6000 in North Missouri. Address **C. H. HOLLIED, MARYVILLE, MO.**

ORCHIDS

ORCHIDS

1897

Telephone 759 Madison Square



"HELLO! Central? Yes! Where? Chicago? I know my voice yet, Charlie? No, I'm not **only** 'long distance' Orchid lover I hear from, the 13th and your order not booked. Never mind, this is he ful how this Orchid business has grown since Christmas las son; no let-up to it. Every day the same old story, Orchid ing orders. Tremendous demand for Christmas already, an **DOWIANA, TRIANÆ, ANNIE LAURIE, FORMOSUM CATTLEYAS,** and the rest of them. If you want an **ass** it and everybody knows it.

"It's all Orchids and Gardenias at the swell fun record I have made in the last 10 years, of Orchid booming

"How did you like your picture with my November you. What? 'The Mrs. objects to the nose?' O, we **natural,** doesn't it?

"**No Bulletin for December.** November announ Easter, all right. President's message didn't affect it. No, s May change it to **Orchid Street** yet. Why not? How ma Those ladies with the large feet must be 'going some.' Ye me to the brethren and a **Merry Xmas to you. Ring off!** Sounds like Phil. Good-bye."

James

WHOLESALE FLORIS

HEADQUARTERS FOR

ORCHIDS

ORCHIDS

ago? I thought so! Yes, this is McManus. Don't you
m not 'surprised.' I expected you; but you're not the
ar from, and you're late, my boy, as usual. Here it is
his is headquarters and I won't disappoint you. Wonder-
tmas last year. Simply great! Never had such a sea-
, Orchids, Orchids. Honest, Charles, I get weary book-
eady, and all the popular varieties. **PERCIVALIANA,**
RMOSUM, CALANTHES, LAELIA, CYPRIPEDIUM,
t an **assortment** you've **got** to come to headquarters for

swell functions here. If I am proud of anything it's the
booming.

vember Bulletin? Everybody says it looked just like
O, well! she knows! But the **rest** of it looks **very**

announcement holds good. It's a 'Bull Market' 'til
it. No, sir! This isn't Wall Street; This is **28th Street!**
How many? What! **Double** last year's order? Whew!
ne.' Yes; next to **New York** you're 'it.' Remember
ng off! Here's a fellow in Detroit wants to talk to me.

1906

Telephone 759 Madison Square

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Poinsettias, Lilies
Yellow and
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ORCHIDS

ORCHIDS



Type of Side Hill Vegetable Houses Used By W. H. Weinschenk, New Castle, Pa.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Dec. 11.—Cucumbers, 75c to $1.25 doz.; leaf lettuce, 25c to 40c case; radishes, 25c to 75c doz. bunches.

New York, Dec. 10.—The demand for fancy stock takes all greenhouse vegetables of good quality in spite of heavy supplies from the south and a slow market. Spinach is one of the items most in demand. Fresh asparagus, $1 to $2 bunch; cucumbers, No. 1, $1 to $1.25 doz.; No. 2, $2 to $4 box; Boston lettuce, $1 to $1.50 strap; white mushrooms, 60c to $1 lb.; brown mushrooms, 50c to 85c lb.; radishes, $1.50 to $2 per 100 bunches; tomatoes, 10c to 25c lb.

Boston, Dec. 10.—Tomatoes, 25c lb.; cucumbers, $3.50 to $9 box; lettuce, 25c to 50c doz.; radishes, $1.50 to $2 box; mint, 40c doz.; mushrooms, 75c to $1 lb.

THE LARGEST HOUSE.

Several times there have appeared in the Review items to the effect that So-and-so was building the largest greenhouse in America, only to have some other enterprising gentleman arise to call attention to the fact that his new structure was six inches longer, or wider. Once again the statement is offered that here is the largest greenhouse under one roof to be found anywhere in America. Will someone please go it one better?

The new house in question is to be built by W. H. Weinschenk, New Castle, Pa. This is a side hill structure, the total width being 120 feet and the length 600 feet. The house therefore covers 72,000 square feet of land, or more than an acre and a half. The wide side of the house on the slope is eighty-one feet. At the top of the hill the house runs back thirty-nine feet. It is to be used for lettuce and cucumbers. The Moninger Co., Chicago, has the order for roof material.

TOMATOES.

I have the back bench in a greenhouse planted with tomatoes, Frogmore Selected. The seed was sown August 1 and the fruit on the first three branches is ripening. Above, the fruit is not setting well, as the blossoms drop on the slightest pretext. The branches holding the fruit seem to have no strength. I have been letting the soil dry out after each watering and possibly have done so too much. Have fed with bone twice, wood ashes twice and liquid manure twice and have cut off some of the foliage. What would you suggest?

F. D. B.

Your trouble is by no means an uncommon one and is probably due more to the variety you grow than to any fault in cultivation. The flowers are dropping off because they are not setting. I have not had any experience with this variety, so am unable to state just how it acts in this respect. Some varieties will set quite freely in autumn, while the weather is bright, but prove quite troublesome when the dull, short days come. In some cases the trouble is caused through lack of pollen, but in others the pollen, though plentiful, fails to accomplish its proper functions through the unsuitable condition of the stigma, which later in some varieties requires much more sunlight than in others to place them in the proper condition to receive the pollen.

It is important that these points should be considered in the selection of a winter forcing variety. The lack of pollen can be overcome by hand fertilization where a little pollen, carefully used, can be made to go a long way, but when the fault is with the stigma, the variety had better be replaced with one more suitable. W. S. Croydon.

MILDEW ON LETTUCE.

Is there a remedy or preventive for mildew on lettuce? Although I keep my lettuce on the dry side, yet I lose a large per cent of small plants in flats when there are several cloudy, damp days together. W. N. T.

There must be something wrong with the atmospheric conditions of your house.



Short-span Lettuce House of Mueller Bros., St. Joseph, Mo.

THE RUBBER HOSE OF ALL HOSE



THE DEFIANCE
A Red Hose
Size. Price.
¾ inch, 7-ply.....15c per ft.
Don't mind the price,
and get better hose.

It Would Be Quite Proper

for us to tell you that you are dissatisfied with wearing and lasting qualities of Rubber Hose that are offered in different catalogs as suitable for greenhouse purposes. You know they aren't, and so do we. Through our own experience to provide for our 200,000 square feet of modern glass we took to the manufacture of a special brand to conform to the hard uses for greenhouse work. **We got what we want.**

If you want a rubber hose that is **made for you,** write us. If you want a rubber hose, that is made only to sell at a good profit, write others.

POLLWORTH MILWAUKEE

Leaders in our Lines Florists' Specialties

Just what it is it would be hard for me to say without seeing it, but lettuce at that stage of growth is not subject to the attacks of mildew in a house where it has the proper temperature and sufficient fresh air. A too high temperature would cause a soft growth and leave it an easy prey to this and kindred diseases during dull, cloudy weather, but the more probable cause is lack of proper airing. A close atmosphere is congenial, both for the breeding and spreading of the spores of fungi. Try to maintain a night temperature not exceeding 45 degrees, with 60 degrees by day in bright weather, and give air to sweeten the atmosphere on all possible occasions. Keep the plants fully exposed to the light to keep the foliage firm and avoid crowding and I do not think that you will have much more trouble from mildew.

W. S. CROYDON.

CUCUMBERS.

Enemies and Diseases.

To produce the best results in the greenhouse, untiring attention must be given to the maintenance of proper moisture and temperature conditions. A keen watch must be kept for the appearance of aphis or mildew, and upon the occurrence of either of these pests prompt and effective methods must be employed for stamping it out, says L. C. Corbett in the recent bulletin of the Department of Agriculture.

The cucumber is a tender plant and will not endure some of the severe methods employed for combating aphis and mildew on other plants. The careful spraying of cucumbers with ammoniacal carbonate of copper solution, which is made by dissolving five ounces of carbonate of copper in three pints of strong ammonia (26 degrees) is recommended. This stock solution should be diluted to forty-five gallons when used—that is, one pint of the solution will make fifteen gallons of the spraying mixture. This should be applied with a strong force pump through either a Vermorel or a similar nozzle and should keep the house free from mildew.

An additional safeguard is to keep the heating pipes at all times covered with sulphur. When it is not desirable to moisten the foliage of the plants with a spray the distillation of sulphur in accordance with the following plan is very effective. This is accompanied by some danger, however, and the novice should carefully observe and carry out every detail of the directions here given.

The apparatus for distilling sulphur in a greenhouse for the treatment of mildew consists of a small, single-burner oil stove. One with a top six inches square will serve the purpose. Secure two iron or tin pans similar to those used for the baking of layer cake and, if possible, have one pan larger in diameter by two inches than the other. In the larger pan place a layer of sand, as free from organic matter as possible, about one-half inch deep. Upon this set the second pan, which contains flowers of sulphur in sufficient quantity to fill the pan about half full of sulphur when it is molten. Light the lamp, heating the sand to a sufficient degree to melt and maintain the sulphur in a molten condition, but exercise the greatest care in regulating the flame of the lamp, so

Vegetable Growers are quick to see the many advantages of the

WITTBOLD WATERING SYSTEM

AS THE FOLLOWING TESTIMONIALS WILL SHOW:

"Some time ago we put in 100 feet of your system on trial and **it has given perfect satisfaction.** Send 500 feet more at once and we shall want 1800 feet additional as soon as our new houses are ready. We think the system a very good thing and consider **the labor saved will pay for the apparatus in one season.**"
DAVIS BROS., Morrison, Ill.

"We wish to have our entire range fitted up with your watering system. We are **much pleased** with the working of the section which we have in at present and are **perfectly satisfied** that the time will be very short till **all up-to-date growers will use the Wittbold system** instead of the present method of watering with the hose. When the nozzles are properly spaced, they throw **exactly the same amount of water** to all parts of the bench."
W. B. DAVIS & CO., Cucumber Growers, Aurora, Ill.

"It is **a fine thing** and I wonder why greenhouse men have not taken hold more. **It should come into general use.** It puts the water on **more evenly** than the average man will with the hose."
STEPHEN HYDE, Vegetable Grower, Carthage, Mo.

"We have your system in one of our Ficus houses; it is **working fine** and is doing **as much as ten men would** do in the old way in the same time. We like it so well that as soon as we can arrange for water supply **we shall equip our whole place.**"
A. C. OELSCHIG & SON, Savannah, Ga.

"We have the Wittbold system in six houses 33x200 and **it works to perfection,** doing the **watering better than the average man** can do **with the hose.** We will equip our other two plants next season; **no more watering with the hose for us.**"
CHAMBERLIN & BUNKER, Vegetable Growers, Fremont, Mich.

"It is the King of Sprinklers; **beats everything** in the watering line."
J. B. ADAMS, Pass Christian, Miss.

"We are **better pleased every day.** A boy can do better work with it than a good man can with a hose. It is **the only way to water lettuce.**"
R. T. DONNELL, Springfield, Ill.

"As a time-saver, in my estimation there is nothing to equal it and **no one realizing its value will be without the Wittbold system.**"
WM. EDLEFSEN, Milwaukee, Wis.

"Your system in our Rose house works so well **we want to equip five more houses.** The labor and hose saved will in a short time pay for the system."
KLEHM'S NURSERIES, Arlington Heights, Ill.

"It won't be long before it **will be universally used.**"
ALOIS FREY, Head Gardener, Lincoln Park, Chicago.

"The Wittbold system is **a great success with us,** a great labor-saver and certain to be used all over the country in less than no time."
R. G. RAU, Florist and Supt. of Parks, St. Joseph, Mo.

EVERY GROWER WILL USE A WITTBOLD MACHINE as soon as he becomes familiar with the good work it does and saving it effects. Send $5.00 for a Swivel Wheel and twenty ⅛-inch Nozzles, which will be enough for 100 feet of system. It will be the best investment you ever made. JUST A MINUTE: that's how long it will take to water an entire house. Send today.

LOUIS WITTBOLD, Patentee, **1708 N. Halsted St., CHICAGO**

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

FORCING RHUBARB

Under the greenhouse bench or in any old cellar or mushroom house, is entirely practical and an easy proposition.

Send for my Special Florists' Circular on RHUBARB FORCING

It gives ample directions for successful culture.

I have a good supply of large **Undivided Clumps.** Price, $2.00 per doz.; 25 for $3.75; $12.00 per 100; $100.00 per 1000. (500 at 1000 rate.)

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

that it shall never touch the edge of the pan containing the sulphur and observe every precaution to keep the sulphur from becoming ignited. Burning sulphur in an inclosure containing living plants is certain death to all plants contained in the area. The distillation of sulphur by keeping it in a molten condition over a sand bath is perfectly harmless to the plants, but is destructive to parasitic fungi like lettuce mildew and cucumber mildew.

The melon aphis, which is frequently troublesome upon cucumbers under greenhouse conditions, can be controlled by spraying the plants with whale-oil soap or kerosene emulsion. Under ordinary conditions a treatment with one of the commercial smudges of nicotine will usually be sufficient.

NEMATODES.

I enclose five kernels taken from a large tomato plant. Whatever these are caused a specie of dry rot. I could not find a worm of any kind. Can you tell me what is the matter? S. J. P.

Your plants are infected by a nematode, the work of a minute insect which cannot be seen without the aid of a powerful microscope. Sterilizing of the soil is the only certain preventive, though you may be able to procure soil free from it. To check it in the meantime keep your plants as much as possible on the dry side and use air-slaked lime freely, stirring into the soil so that it can be washed down when water has to be applied. W. S. CROYDON.

CLEVELAND.

The Market.

The market in cut flowers for Thanksgiving was remarkably better this year than in preceding years. Roses are in more demand now and stock looks fairly well for this time of the year. With most of the growers carnations still remain a little short in stem and rather scarce.

Various Notes.

Mr. Blechschmid, of Miles avenue, has his carnations in fine order. He disposes of all his stock at wholesale.

G. M. Naumann had a nice lot of chrysanthemums. He also has a house of Begonia Gloire de Lorraine that is unexcelled in Cleveland. His place is well kept.

A visit to S. N. Pentecost's place revealed everything in the best of order. He has a big batch of poinsettias that are looking fine.

Visitor: A. F. Longren, of the Chicago Carnation Co., Joliet, Ill. N.

MR. HYDE HAS TRIED

All the systems of mechanical watering and as a result he has installed the

Skinner System

of Irrigation in All His Houses

Here is what he says: "I like your new nozzles fine. The money you have to my credit you may send me in the No. 2 Improved Greenhouse Nozzles. Thanking you for your liberal business dealings, I am, yours truly, STEPHEN HYDE, Carthage, Mo., November 22, 1906."



The accompanying illustration shows the

SKINNER

Apparatus in operation in a lettuce house of S. B. Chester, Brooklyn, O., one of the largest and best known growers in the vicinity of Cleveland.

READ WHAT OTHER GROWERS SAY

These letters have not before been published.

"I installed your system in one house last fall and have been much pleased with it. I find it does very good work and is a great time-saver. I intend to put the system into five more of my houses as soon as I can find the time to do so and may as well give you the order now."—M. ERNEST MOORE, Arlington, Mass., Dec. 2, 1906.

"We are very much pleased with the work your system does. We find our 20-barrel tank thirty feet high gives us all the pressure we need to spray two lines 200 feet long at once. We use in each line 1½-inch pipe for 100 feet and 1-inch for 100 feet and the working is perfect. We put the nozzles thirty-three inches apart. Please send us 100 more nozzles and three taps and fittings to complete everything."—C. R. BOWEN, Toledo, O., Nov. 28, 1906.

"Your nozzles with the improvement are all right. I have my new line laid in the greenhouses and they all work very satisfactorily. I have had no trouble at all with them and the system works fine."—GEO. F. HARTUNG, Sandusky, O., Dec. 6, 1906.

"Your new greenhouse nozzle is a great improvement over the old nozzle and we are well pleased with them. As we have your offer to change the old ones for new ones, please send us 425 of the new ones and we will return the old ones with the difference in price as soon as we can get the new ones in."—CHAS. MOBIUS, West Toledo, O., Dec. 7, 1906.

"Our last experiments with your system have proved quite successful and must even say that they were in every respect satisfactory. We have, therefore, decided to use your system on a larger scale and would request that you forward us at your earliest convenience 900 outdoor nozzles No. 1, 100 indoor nozzles, No. 3, the drilling machine, 12 special fittings and 12 tap drills."—THE HAERENS CO., Somergem, Belgium, Sept. 6, 1906.

That the Skinner System has been a success in the greenhouses is shown by the fact that in one place, Toledo, Ohio, twelve growers have installed it. The Skinner System has won its way **on its own merits.** Every installation always brings others from that section.

The Skinner System can be installed during the winter when there is plenty of time, and in the spring when rushed with outside work you will not have to stop to water the greenhouses.

Let me refer you to some one in your section that is using my system.

Illustrated Circular on Application. Correspondence Solicited.

C. W. SKINNER, Troy, Ohio

C. J. Lilly Co.
SEATTLE, WASH.
Growers Of
PUGET SOUND
CABBAGE SEED

Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO,
Radish, Peas, Muskmelon,
Squash, Watermelon, Sweet Corn.
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

THE seed stores which handle Christmas supplies report brisk trade and a bright outlook.

THE question of beet seed is important. Many of the best selling sorts are in short supply.

MRS. E. V. HALLOCK, wife of the well-known seedsman of Queens, L. I., died December 8.

THE shortage of the canning varieties of peas is still a source of annoyance to those who were sure that plenty would be harvested.

BEANS are moving in and out in better shape at present and those who have been complaining about delayed deliveries are better satisfied.

SEEDSMEN will be interested in the paper on "Sports" in another part of this issue. It is by Patrick O'Mara, manager of the plant department of Peter Henderson & Co.

THE Montgomery Blue Grass Seed Co., of Mt. Sterling, Ky., composed of I. F. Tabb, M. O. Cockrell and J. M. Bigstaff, has completed arrangements for the erection of a fireproof warehouse.

THE onion seed pages of some of the seed catalogues are reported to be off the press. It would be a source of gratification to those who are still holding their copy if they who have prices printed would let them out.

DAMMANN & CO., at San Giovanni, near Naples, say in an insert in their new wholesale price list of Italian grown seeds: "The heavy and prolonged rain of ashes which fell here in April last, during the outbreak of Mount Vesuvius, destroyed many crops around the volcano, while another part of them suffered considerably. As to ourselves, we have on the whole been fortunate enough, as only part of the early sowings in the autumn of 1905 and spring of 1906 have suffered. In consequence several crops are somewhat short this season, and several articles will likely be exhausted sooner than usual."

IT is said that market gardeners are already on the lookout for their next season's seed supplies. It is rather early for them to be anxious about this matter, but the talk of a scarcity of dependable stocks of seeds needed in their business has reached them.

VILMORIN, ANDRIEUX & CO., Paris, France, have named a chrysanthemum for Mrs. Lem W. Bowen, of Detroit, daughter of D. M. Ferry and wife, manager of the Ferry business. It is the color of the gold Ferry pays the venerable French house for seeds in such goodly annual quantities.

LEONARD SEED CO.
Leading Onion Set Growers
FLOWER SEEDS
SEED GROWERS
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CHICAGO

Mention The Review when you write.

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

A. J. PIETERS SEED COMPANY
HOLLISTER, CAL.
Grower of
Vegetable and Flower Seeds
Special attention paid to SELECTED STOCKS::::
A. J. PIETERS, President and Manager, will visit the trade December—January.
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street, San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco

Mention The Review when you write.

Seed Salesmen
Wanted by the
D. LANDRETH SEED COMPANY
BRISTOL, PA.
Two (2) experienced Commercial Travelers familiar with the Garden Seed trade in the Cotton States; engagement to commence Feb. 1.

FLAT onion seed of a certain sort is quite plentiful. The fact that it is off several points in grades and of little use for the purpose for which it is recommended does not prevent the brokers who are pushing it from getting orders. The hurtful thing about it is that it tends to demoralize the market and squeezes the price of the proper articles down below value. If the legitimate



Halftone from Wash Drawing made for Montgomery Ward & Co., Chicago.

We make Cuts by all Processes but our Specialty is

Wash Drawings

For Halftones for Seed Catalogues.

Halftones from photographs, even when the photos are good, lack the detail we get by first reproducing the photo or clipping in Wash.

We are making cuts for many of the leading seedsmen in all parts of the country. Two of these cuts we show here. Perfect satisfaction guaranteed on all mail orders.

Let us make **you** a sample of our work, illustrating some subject you are particular about. Send us the best "copy" you have (a photograph or a clipping) explaining just what changes you want. We submit drawings for O. K. before making the plate.

We predict if you use one or two of our halftones from Wash Drawings in your 1907 book, they will print up so much clearer than the other cuts that nothing else will answer for 1908.

Try our cuts on some of your special lists.

Can make closer prices on work for 1908 books if ordered now. You will have to replace **some** of your old electros—order now and save money.

QUICK WORK IF NECESSARY.

CRESCENT ENGRAVING COMPANY

341-349 Clark Street, CHICAGO.



Halftone from Wash Drawing made for W. Atlee Burpee & Co., Philadelphia

[This is coarse screen, for softer paper than the REVIEW.]

growers of seed would confine themselves to soliciting trade from legitimate handlers of their product, instead of cutting loose and selling to any one who will buy, regardless of his knowledge of what is what, things would probably be in better condition.

THE German seeds are now coming forward.

IMPORTED mistletoe is worth $8 to $10 a case in New York.

THERE were 800 bags of German sugar beet seeds on the Graf Waldersee, reaching New York December 7.

BERG & SMALLEY, McPherson, Kan., are buyers and shippers of seed corn, alfalfa, millet, cane, Kaffir corn, barley, etc.

T. LEE ADAMS, 417 Walnut street, Kansas City, Mo., deals in grass seeds and agricultural seeds, turnips being something of a specialty. Add him to your lists.

THE stockholders of the Thompson Seed Co., Albert Lea, Minn., have again changed their minds and appointed D. R. P. Hibbs trustee to close out the business.

A SEED laboratory is to be established under charge of W. C. McKillican, at Calgary, Manitoba, for the purpose of testing the purity and vitality of farm seeds.

THE market gardeners in the vicinity of Peoria, Ill., have formed an organization to seek to regulate local supply. It is asserted that a glutted market caused them to lose all profit last season.

THE pickers in the employ of John H. Allan Seed Co., Sturgeon Bay, Wis., finished their work November 28, when the large force of girls was laid off. This is about two months earlier than usual, notwithstanding the output of peas is greater. This is accounted for by the fact that the crop was much cleaner than ever before.

THE prices on the turnip-shaped radishes in the wholesale lists are not what reports of complete failure of the French crops would lead us to expect.

A PUBLICATION which will interest many seedsmen is Bulletin No. 48, of the Bureau of Statistics, U. S. Department of Agriculture, entitled "The Cost of Producing Farm Crops." It deals only with conditions in Minnesota.

J. BOLGIANO & SONS, Baltimore, recently displayed a sample of their Savoy spinach at their store. It weighed twelve ounces, was one foot seven inches in diameter and three feet seven inches in circumference, grown by one of their customers in Baltimore county.

THE fight on free seeds will be hotter than ever at this session of congress; in fact, almost as hot as the Long Island bonfire in which H. Beaulieu saw 10,000 government packets blazing merrily. A number of packets were saved from the

burning and now are on exhibition in Washington.

T. J. Smith is manager of the Grand Forks Seed Co., Grand Forks, S. D.

J. M. Thorburn & Co., New York, call attention to the fact that their preliminary trade list, dated November 20, was the first one out this season.

The J. J. Bell Seed Co., Deposit, N. Y., has a Brown bag-filling machine in operation in the store of Putnam & Son, where it attracts no little attention.

An indication that seeds are short is the comparative ease with which advance orders for the coming spring are being booked daily by the travelers for the larger houses; and it should be remembered that these future orders are being taken at higher prices than have prevailed for a long time.

Congressmen defeated for re-election will still have a chance to vote on 1908 appropriation bills and, since they have nothing at stake the anti-free seeds forces should gain some recruits. James W. Wadsworth, active in the last fight on free seeds, was one of those who went down in the November election.

In England a law has been enacted making it criminal to give a gardener a fee or commission on purchases for his employer. At a recent meeting of some seventy leading London seed and plant firms it was decided to accept the position defined for them and to lend its aid to the enforcement of the law against possible violators.

The Full Line of
PLANET JR.
.....GARDEN IMPLEMENTS.....
Should be included
in every seedsman's
CATALOGUE
For Terms and Electrotypes, Address
S. L. ALLEN & CO.
1107 Market St., PHILADELPHIA

HARRY L. HOLMES.

As Harry L. Holmes says, it is twenty-eight years since he first germinated in the seed business, in Philadelphia, under the tutelage of a live stock dealer who sold seeds in a small way. It was in 1895 that Mr. Holmes started in business for himself, as the Holmes Seed Co., at Harrisburg, Pa. This is the characteristic way he tells of his start:



Harry L. Holmes.

"I wrote a party in Harrisburg, before renting there, asking him what he thought about the seed business for the locality. He replied that he considered it all right, provided we took fruit as a side line. I thought it over carefully and decided to sell seeds and let the other fellow sell the fruit. In October, 1895, we started business in a modest little store. My first customer was my landlord, who purchased 40 cents' worth of bulbs. I did not know whether he was afraid of not securing his rent or not, but he was kind and did not push me hard. The room measured 20x38, including the office, and resembled our first store in Philadelphia. We then bought a horse—this goes with the business, or at least I thought so, until I found that it was not an asset. We used to drive him over the country in

Thorburn's Seeds
We take this opportunity
of thanking our friends and patrons for their support in the past and of wishing them the compliments of the season.
J. M. THORBURN & CO.
33 Barclay Street
THROUGH TO
38 PARK PLACE
NEW YORK
Everything in Seeds for the Florist and Everything of the best
We beg to call attention to our new address, tho'
THORBURN,
SEEDSMEN, NEW YORK
is sufficient.

Mention The Review when you write.

FOR DELIVERY IN FALL AND SPRING

ENGLISH MANETTI Stocks for Florists

Holland Roses, Rhododendrons, Hollies, Etc.

LILY OF THE VALLEY for Early and Late Forcing

French Fruit and Ornamental Stocks

Raffia from Stock and for Import

For catalogues, prices, etc., please apply to

H. Frank Darrow, Importer
Successor to Aug. Rhotert
36 Barclay St., P. O. Box 1250, New York
Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.
Mention The Review when you write.

OUR SPECIALTIES

High-Grade Grass Seeds

ALFALFA

Warranted free from dodder or any adulterations. Please write for prices and samples.

A. LE COQ & CO.
Darmstadt, Germany
Mention The Review when you write.

Choice Flower Seeds

The very finest strains of **Primula Sinensis, Herbaceous Calceolaria, etc.,** are grown and offered for sale by

H. B. MAY & SONS
UPPER EDMONTON, LONDON, ENGLAND
Price List on application.
Mention The Review when you write.

order to tell the farmers we had come to town, and left our modest catalogue of live stock and seeds at his door (when there were no dogs around). Then we thought signs were essential and the horse came to use again. Well, we drove so long and so many miles over the hills through Dauphin county, speaking to every farmer we met on the road (this was business) that even today, when I go to the city, I find myself nodding to every one on the street.

"You all know William Meggett. Well, William sold us our first bill of seeds, and I shall never forget his remarks when he looked at the signs on our store. He said, 'Say, Holmes, the shack looks like a circus.' It was plastered all over with the signs from top to bottom, and every word that could be used to convey to the farmers the idea that it was a seed house was placed

PERENNIALS

The largest stock of **HARDY HERBACEOUS PLANTS** in all the best and newest varieties, for instance, 25,000 Gypsophila Paniculata Flore Pleno, 4000 Romneya Coulteri, 10,000 Campanula Persicifolia Moerheimi, 50,000 Phlox Decussata in variety, 25,000 Pyrethrums, etc.

DWARF ROSES on Canina in the best sorts, including the new **Hardy Rose "Nova Zembla"** (B. Ruys, 1906) and **Baby Rambler.**

Manetti Stocks, Sweet Briar Seedlings, New Currants, Gooseberries and Raspberries, Etc.

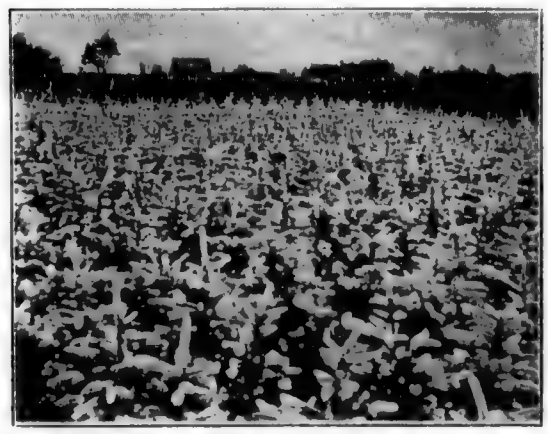
Nearly all sorts of Plants (even Pyrethrums) are exported most successfully to the United States. Write for illustrated Trade List.

B. RUYS, ROYAL MOERHEIM NURSERIES DEDEMSVAART, - HOLLAND
Mention The Review when you write.

Conrad Appel, Darmstadt, Germany
—Established 1789—

Forest and Agricultural Seed Establishment

Specialties: GRASS, CLOVER and AGRICULTURAL FOREST TREE SEEDS of Highest Possible Purity and Growth.
GRASS SEED MIXTURES FOR LAWNS, MEADOWS AND PASTURES
Many Highest Awards and Diplomas.
Last Award: Grand Prize International Exhibition, Milan, 1906.
Mention The Review when you write.



Picea Pungens Glauca (Koster), transplanted '05

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.
Mention The Review when you write.

Danish Seed
CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.
CABBAGE, White Amager (Stonehead).
Write direct to the grower.
CHRIS. OLSEN, Seed Grower **Odense, Denmark**
Mention The Review when you write.

on that building, and even then we had customers come in and ask for butter, eggs, tobacco and many other articles.

"At that time Harrisburg was a provincial town, but in the past five years it has changed to a wideawake place, and we now only have calls in our new store for soap, outside of our regular line—dog and whale oil soap, I mean."

SEED SELECTION.

In their novelty list for November, 1906, W. W. Johnson & Co., Boston, England, have this to say of the importance of selection:

"One hears a good deal nowadays about the survival of the fittest. Unfortunately, in the seed trade, there is frequently a tendency to disregard this important principle. A crop intended

Established 1880. Cable address, Jacrolland Nimes
A. B. C. Code used.

JACQUES ROLLAND
Seed Grower and Merchant
NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.
Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

CAULIFLOWER SEED
CABBAGE

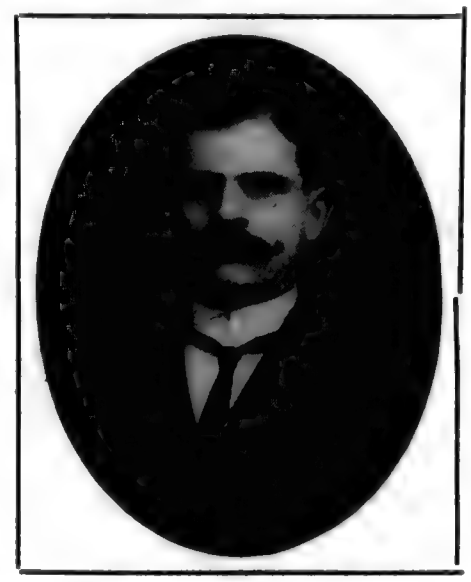
HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN
Mention The Review when you write.

for seed purposes may be grown from a very choice strain, but, however select it may be, there is invariably certain plants of an untrue type which should be removed. These coarser and untrue plants always withstand unfavorable climatic influences better than the true type, and also produce a greater yield of seed. It is therefore no matter of surprise that an unscrupulous grower

RELIABLE SEEDS

A Merry Christmas to all my Customers and Friends

AGERATUM Blue Star, new baby ageratum, none better for pots, 4-5 inches high, clean seed, 6 tr., pkts., $1.25; oz., $6.00; tr. pkt, 25c.
ALYSSUM Carpet Queen, the real dwarf Sweet Alyssum, extra, 6 tr. pkts., $1.25; oz., $2.00; tr. pkt., 25c.
BEGONIA Atropurpurea Vernon, excellent strain, 6 tr. pkts., $1.25; oz., $3.00; tr. pkt., 25c.
BEGONIA Bedding Queen, the most beautiful wax begonia, real pink, 6 tr. pkts., $2.50; tr. pkt., 50c.
BEGONIA Erfordii, a fine bedder and profuse bloomer, rosy-pink, 6 tr. pkts., $1.25; tr. pkt. 25c.
BEGONIA Gracilis Luminosa, last year's novelty, indeed the most striking and finest wax begonia, with large scarlet flowers and reddish and dark brown foliage, and truly superior to all dark-leaved wax begonias, 6 tr. pkts. $2.50; tr. pkt., 50c.
CENTAUREA Candidissima (ragusina), true and the best white leaved for borders, oz., $1.50; tr. pkt., 25c.
COCOS Weddelliana, the miniature Cocos palm, fine for fern dish centers, 1000 seeds, $6.00; 10,000 seeds, $50.00.
DRACAENA (Cordyline) Australis, cleaned seed, oz., $2.00; tr. pkt., 25c.
DRACAENA Indivisa and Lineata, cleaned seed, each separate, oz., $1.50; tr. pkt., 25c.
GERBERA Jamesoni, the scarlet daisy of South Africa, the most splendid daisy known, with giant bright scarlet flowers, half hardy perennial, 1000 seeds, $10.00; tr. pkt., $1.50.
GREVILLEA ROBUSTA, Silk Oak, an easy growing ornamental foliage plant, cleaned seed. oz., $1.00; tr. pkt., 15c.
IMPATIENS Holstii, a new, very valuable and easily grown pot plant, also fine for half sunny outdoor places, 6 tr. pkts., $2.50; tr. pkt., 50c.
LOBELIA Erinus Crystal Palace Compacta (Erecta), dark blue, oz., $1 50; tr. pkt., 25c.
LOBELIA Emperor William, dwarf, light blue fine strain, oz., $1.25; tr. pkt., 25c.
MIMOSA PUDICA, Sensitive Plant. oz., 50c; tr. pkt., 10c.
LOBELIA Pumila Splendens (Bedding Queen) very dwarf, dark blue with white eye, extra fine for border, oz., $2.00; tr. pkt., 30c.
NICOTIANA Colossea, the most decorative of all tobacco plants, true, 6 tr. pkts., $2.50; tr. pkt., 50c.
PETUNIA HYBRIDA, double giant flowered fringed extra selected, strain mixed, 6 tr. pkts., $5.00; tr. pkt., $1 00.



PETUNIAS, Single California Giants, a real champion strain, mixed, 6 tr. pkts., $4.00; tr. pkt., 75c.
PETUNIAS, Zangen's Ruffled and Fringed Single Giants, are the best of all, 6 tr. pkt,, $5.00; tr. pkt., $1.00.
PETUNIAS, Dwarf Compacta Inimitable, single striped, fine for pots, oz., $1.50; tr. pkt,, 25c.
PETUNIA Rosy-Morn, single, brilliant rose-white throat, a splendid bedder, oz., $4.00; tr. pkt., 25c.
PETUNIA Snow Ball, a very fine dwarf compact pure white bedder, oz., $2 00; tr. pkt., 25c.
PHLOX Drummondi Nana Compacta, real dwarf strain, for pot use, as **Fireball, Roseball, Snowball,** each separate, oz., $1.50; tr. pkt., 25c.
PETUNIA Nana Compacta, dwarf mixed, oz., $1.25; tr. pkt., 20c.
PETUNIAS, new large-flowered **Cecily-Phlox,** dwarfest of all, mixed colors, oz., $3.50; tr. pkt., 50c.
PHYSALIS Franchetii, very decorative, with fiery orange red fruits, oz., 75c; tr. pkt., 15c.
SALVIA Bonfire (Clara Bedman), of compact growth, a fine strain, oz., $2.50; tr. pkt., 25c.
SALVIA Fireball, new early flowering dwarf compact sort, best for pots, oz., $5.00, tr. pkt., 50c.
STOCKS, German Large-flowered Ten Weeks, a very fine extra double strain—blood red, lavender, pink, purple, white, each color separate. oz., $3.00; tr. pkt., 35c.
STOCKS, above five colors with **Wallflower Leaves,** each color separate, oz., $4.00; tr. pkt., 50c.
STOCKS, German Large-flowered Ten Weeks, in finest mixture, oz., $2.00; tr. pkt., 25c.
STOCKS, Cut and Come Again, selected strain with high percentage double flowers—crimson, lavender, pink, purple, white, each color separate, oz., $3.00; tr. pkt., 50c.
STOCKS, the above five colors, fine mixed, oz., $2.50; tr. pkt., 50c.
STOCKS Princess Alice, pure white selected strain for greenhouse use, oz., $2.50; tr. pkt., 50c.
SWAINSONA Alba Grandiflora, large flowered pure white, tr. pkt., 50c.
SWEET PEAS—Christmas, Earliest of All, Mont Blanc, each separate, per pound, 50c; per 5 pounds, $2.00.
TORENIA The Nymph, new, lavender and deep violet, dwarf compact, the best of all for pot use, 6 tr. pkt., $1.25; tr. pkt., 25c.
VERBENA Hybrida Mammoth, unexcelled strain—scarlet, striped, pink, purple, white, each color separate, oz., $1.50; tr. pkt., 25c.

Ask for my new price list.
Wholesale Only

O. V. ZANGEN, Importer of High-Grade Florists' Seeds, Box 114, Hoboken, N. J.

Mention The Review when you write.

will allow these plants to run to seed in order to obtain the greatest possible yield, no matter the quality. Fortunately, for the reputation of the trade, there are those who use all means possble to ensure the eradication of plants of an untrue type from their seed crops. Our methods of selection are no secret. Any firm can apply them if they care to go to the trouble and expense, which, we may say, is no inconsiderable item. We have stock seed of swede which cost us nearly $25 per pound, when all expenses are considered, and other things of an equally costly nature."

HIGH-GRADE VALLEY

EARLY GIANT FORCING

The finest Valley on the market. Every pip bears a long, strong stalk with twelve to sixteen large bells. Per 100, $1.50; per 1000, $14.00; per case of 2,500, $34.50.

CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

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THE FIGHT IS ON.

The Washington representative of the Wholesale Seedmen's League sent out a call for the gathering of the clans at the national capital yesterday, Wednesday, December 12, and arranged for the seed trade to appear before the house committee on agriculture to make formal protest against the government seed distribution. Last year the committee omitted the paragraph providing funds for this work, and it was inserted on the floor of the house by a vote of 153 to 83, after a debate which ran nearly a week.

One of the strongest objections made to the omission of the item was that the committee had acted without any one appearing before it to object to the distribution. This was explained by the fact that although the seed dealers had objected to the distribution for many years, they had no intimation that the committee would take action on the subject, and therefore did not appear before it. When the point was raised it was, of course, too late to make representations to the house committee, but a large delegation appeared before the senate committee, and as a result of that hearing it reported that a distinct majority was opposed to the plan of free seed distribution and hoped at this session to be able to make a satisfactory change. In order that those opposed to free seeds shall have an opportunity to present their case to the house committee on agriculture, that committee granted them a hearing on December 12, at which the entire matter was very carefully gone into.

A large and representative delegation was on hand to lend the weight of its presence to the arguments of the gentlemen who addressed the committee. The arguments had been carefully correlated, so that effective work was done.

WASHINGTON, D. C., Dec. 12.—The anti-free-seed hearing before the house committee on agriculture today was attended by Henry W. Wood, Richmond, Va., president of the American Seed Trade Association; W. Atlee Burpee, William Henry Maule and Walter P. Stokes, of Philadelphia; Alexander Forbes and Patrick O'Mara, of Peter Henderson & Co., New York; Henry B. Hathaway, Rochester; C. F. Wood, Louisville, Ky.; F. W. Bolgiano and other Washington and Baltimore seedsmen. The hearing was not completed and will be resumed tomorrow, Thursday morning.

VALLEY PIPS.

The valley pips are about all in for this year. The last boat had 614 cases, making a total to date of 4,278. The last consignments were as follows:

McHutchison & Co.....427
Schulz & Ruckgaber.....40
Yokohama Nursery Co.....147

VICK'S ASTER SEED

THE STANDARD OF EXCELLENCE

VICK QUALITY ASTERS

INTRODUCED BY US

GROWN EVERYWHERE

Vick's Branching (7 colors)
Vick's Snowdrift
Vick's Lavender Gem
Vick's Daybreak
Vick's Purity
Vick's Mikado
Vick's Violet King

HOW TO GROW ASTERS

is a little handbook compiled by us for the practical uses of Aster Growers.

Price 10 cents

Free with an order of Aster Seed.

SPECIAL OFFER

One paper of each of **Five New Varieties** and **How to Grow Asters** for

$1.00

SEND FOR OUR NEW

Illustrated and Descriptive

Aster Book for Florists

It describes in detail, not only the varieties originating with us, but also all other leading sorts.

The largest and handsomest work of its kind ever issued.

Intended only for wide-awake florists who appreciate the fact that

THE BEST QUALITY IS ALWAYS THE CHEAPEST

Mailed free upon request.

JAMES VICK'S SONS

Rochester, N. Y.

The Leading Specialists and Largest Growers of High-Grade Asters in the World.

New Varieties for 1907

Vick's Sunset. Companion to Daybreak and Purity; in color a delicate pink shading to a deep rich pink in center. Profuse bloomer. Price per packet, 25c; 2 pkts., 40c.

Vick's Upright. Long, graceful stems branch out at the ground and grow directly upward. Flowers are symmetrical, double and full to the center. Splendid for cutting. Especially valuable for shipping. Price per packet, 25c; 2 packets, 40c.

Vick's Royal Purple. An offshoot from the Branching. Unlike its parent, it sends out stems close to the ground. A medium early variety but lasting until late in fall. Nearly every stem produces specimen flowers. Price per packet, 20c; 2 packets, 35c.

Vick's Branching Rosy Carmine. A new color in the Branching class. Leading florists pronounce it a shade which will be popular with the trade. Price per packet, 25c; 2 packets, 40c.

Vick's Cardinal. The best bedding Aster ever introduced. A good one for cutting. With its profusion of flowers and brilliant coloring it makes a handsome showing. Price per packet, 25c; 2 packets, 40c.

As we would like to know where you saw this adv., please mention the Florists' Review when you write.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large-flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, 1000 seeds, 50c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots, 1000 seeds, 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Salvia Bonfire. Finest variety grown, 1000 seeds, 40c.

Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ½ pkt., 50c.

PRIMROSES

IMPROVED CHINESE. Finest grown, mixed, XXX, strong, 2-inch, $1.50 per 100.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

GLADIOLI

FOR FORCING

All stock guaranteed to be as represented.

	100	1000
America, flesh pink	$10.00	$75.00
Shakespeare, light	5.00	40.00
Nezinscott, red	3.50	30.00
White and Light. mix. good.	1.50	12.00
" " " extra	3.00	25.00

250 at 1000 rate.

8 per cent discount for cash with order.

PALM PHOENIX ROEBELENII

Seedlings, $5.00 per 100; $40.00 per 1000.

Trade list on application.

John Lewis Childs

FLORAL PARK, N. Y.

Mention The Review when you write.

GLADIOLI

Augusta, May, E. Scribe, Mme. Monneret, Fire King, Oriflamme, Pactole, "1900," Marie Lemoine, Klondike. Assorted colors—Red, pink, yellow, white and light, variegated, blue and purple. Silver Trophy, 3 sections. Lemoine Hyb., Groff Hyb., choice mixture. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 7 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Anise	157	$ 1,608	Grass	40	$ 609
Canary	1,200	2,332	Hemp	400	3,583
Caraway	400	2,698	Millet	200	511
Card'mom	6	147	Mustard	500	3,979
Castor	340	1,620	Poppy	850	4,271
Celery	25	395	Rape	197	1,556
Clover	1,352	33,966	Sugar b.	856	5,900
Cum'n	227	2,531	Other		3,373

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $36,259.

EUROPEAN SEED NOTES.

The weather throughout most seed-growing districts of England and on the continent has been favorable. The lands are in good condition for planting the usual autumn articles in the way of turnips, etc., and this work is nearing a successful finish.

In flower seeds, pansies are showing a considerable shortage and it is now practically certain that there will not be an average crop of aster and the quality will again be none too good. The new variety, Hohenzollern, is much in favor. Some English market growers describe it as the finest market aster yet introduced and some good sales are reported. It is probable an advance in price on this variety is close at hand. Fortunately it is a sort that harvests seed in several districts and I have lately had brought to my notice equally good samples of seed from four European countries.

Sweet peas are not in many districts producing a good crop, but this will not matter much; rather the reverse, as the acreage grown was too large for the demand and had there been a heavy crop a disastrous glut would have been inevitable. Not that the popularity of sweet peas has decreased; on the other hand, the demand steadily increases, and especially does this apply to the newer and standard exhibition sorts; but it was very certain the supply as far as acreage goes increased very much quicker than the demand.

Something has gone wrong with the palm seed trade. A big drop in price has occurred and some low quotations are to hand, even as low as 8 shillings per 1,000 for guaranteed new seed of kentias, and an antipodean firm is offering even as low as 4 shillings per 1,000.

The growth of hardy perennial, biennial and annual flower seeds is considerably on the increase in the eastern counties of England and on the occasion of my recent visit to some of the Essex seed farms I was shown some exceptionally fine samples of such things as candytuft, wallflower, etc., and some good samples of the herbaceous perennial class. The grower informed me that they are able to get a somewhat better sample and of stronger growth than from some of the continental seed-growing districts and a growing export trade to various European countries was being done. Sweet peas and nasturtiums are a big feature in Essex, being grown by the many acres, and some of the finest qualities of seed are obtained. B. J.

OPERATIONS OF THE CANNERS.

The U. S. census of manufactures for 1905 makes the following totals of the operations of the canning industry:

	Cases.	Value.
Tomatoes	9,301,264	$13,885,169
Corn	11,209,397	15,952,066
Peas	4,694,492	7,928,791
Beans	2,517,549	3,972,332
Other vegetables	1,650,588	3,523,790
Totals	29,373,290	$45,262,148

It would appear that the increased attention paid to the canners by many seed houses is fully justified, for the value of the vegetables canned has on the face of these returns nearly doubled in the last five years.

CATALOGUES RECEIVED.

[All catalogues are filed by the Review, and are accessible to the trade for reference at any time. Following are the latest arrivals.]

The Mitchell Greenhouses and Nurseries, Mitchell, S. D., plants; W. Atlee Burpee & Co., Philadelphia, Pa., wholesale price list; Archias' Seed Store, Sedalia, Mo., bulbs and seeds; Iowa Floral Co., Des Moines, Ia., cut flowers and designs; F. Lüdemann, San Francisco, Cal., price list of plants, bulbs, etc.; Reed & Keller, New York, N. Y., cycas leaf holder; E. H. Hitchcock, Glenwood, Mich., winterberry; M. Herb, Naples, Italy, general catalogue of seeds; Nathan Smith & Son, Adrian, Mich., chrysanthemum novelties; Peter's Nursery Co., Knoxville, Tenn., hardy plants; E. H. Hunt, Chicago, Ill., Christmas greens and novelties; Henry Nungesser & Co., New York, N. Y., grass and clover seeds; J. M. Thorburn & Co., New York, N. Y., wholesale price list; the W. W. Barnard Co., Christmas decorations; F. Dorner & Sons Co., Lafayette, Ind., carnation novelties; Uberto Hillebrand, Pallanza, Italy, seed price list; Henry F. Michell Co., Philadelphia, Pa., flower seeds; Little & Ballantyne, Carlisle, England, nursery stock; Fritsch & Becker, Grostabarz, Germany, seeds and nursery stock; John Sharpe & Son, Bardney, England, seed potatoes; Henry F. Michell Co., Philadelphia, new oak jardinieres; the Leedle Floral Co., Springfield, O., roses; Pape & Bergman, Quedlinburg, Germany, special price list carnations and chrysanthemums; Roustan Servan & Co., Saint-Remy, France, current prices 1906 and 1907; the Imperial Seed and Plant Co., Baltimore, Md., bulbs, plants, etc.; M. Herb, Naples, Italy, novelties; Charles H. Totty, Madison, N. J., preliminary list of chrysanthemum novelties; Thompson & Morgan, Ipswich, price list of herbaceous and Alpine plants; Hasslach & Roumanille, St. Remy de Provence, seeds, trade list, crop 1906.

A PROFITABLE OFFER

Xmas Greens

What we offer below is the cream of selection gathered especially for us. No disappointments on greens purchased from us.

Holly Wreaths

No. 1 grade.....$9.50 per 100
Extra fine grade.....10.50 per 100
Michell's Special.....12.00 per 100
Michell's Extra Fine.....15.00 per 100

Loose Holly

Dark green foliage and well berried.
Per case, 16 cubic feet.....$4.00
5 cases for.....18.75

Berlin Valley

Procured from the most successful grower in Europe. The crowns are exceptionally heavy and long fibrous roots. They will force exceptionally well. Per 100, $1.25; $10.75 per 1000; per case of 2500, $25.00.

Lycopodium Wreathing

10 yards.....60c
100 yards.....$5.50

Laurel Wreathing

Special Heavy Roping

100 yards.....$4.50
1000 yards.....40.00

Mistletoe

Well berried with perfect foliage.

¼ case.....$3.00
½ case.....5.00
1 case, 16 cubic feet.....8.00

Monster Spiraeas

A late importation just received in in extra fine shape. These clumps are suitable for 7 and 8-in. pots.

	Doz.	100	1000
Gladstone	$1.50	$8.00	$75.00
Astilboides Floribunda	.70	4.25	40.00
Washington	1.25	7.00	65.00

SEND TODAY for our special Florists' combination order sheet and catalogue of Flower Seeds.

HENRY F. MICHELL CO., 1018 Market St., Philadelphia

Mention The Review when you write.

RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white.....1-32 oz., 75c
Faust, most exquisite pink.....1-32 oz., 75c
Valentine, delicate lavender.....1-32 oz., 75c
Mephistopheles, fiery red.....1-32 oz., 75c
All varieties mixed.....1-32 oz., 75c

W. W. RAWSON & CO. 5 UNION STREET, BOSTON, MASS.

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.
Rose Growers WEST GROVE, PA.

Mention The Review when you write.

Monogram Brand

Wm. P. Craig

IMPORTER—EXPORTER

Plants, Bulbs and Seeds

1305 Filbert St.

Correspondence Solicited. Philadelphia

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DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON
Successors to L. K. Peacock, Inc. ATCO, N. J.

Mention The Review when you write.

GRAND RAPIDS, MICH.

Cold, wet, snowy weather has been our lot for the past week. Mums can still be had in reasonable quantity, and there will be a fair supply for Christmas of Nonin, Maud Dean, White Bonnaffon and yellow; also Murdock. As a rule all varieties have run about two weeks later than in previous seasons.

Carnations are scarce, particularly red; white is in the best supply. Roses are equal to all demands, except for Beauties. Paper Whites, Romans and stevia are plentiful.

Out-of-town demand keeps stock not only cleaned up, but carnations scarce, and the size of orders is increasing almost daily, making certain of an extra heavy holiday demand, causing the growers to wonder whether they can fill orders in full, while roses will be pretty near to equaling the demand it is certain that carnations will be very short. There will be a nice lot of poinsettias to help out. In pot plants there will be azaleas, poinsettias, Romans, peppers, primroses and cyclamens.

J. A. Creelman has resigned from the management of Chas. Chadwick's flower store, and goes to Los Angeles, Cal., where he has two brothers in business. Mrs. Chadwick has temporarily assumed the management. G. F. C.

SOW NOW **JOHNSON'S** NEW CROP READY

Giant Flowering Verbena Seed

Florists and Professional Gardeners pronounce our strain of Giant Flowering **VERBENAS** the **finest** on the market, the **extraordinary size** of the flowers, the rich brilliant colors, and the distinctive markings recommend this **superior strain** to the most critical growers.

We offer **SEPARATE COLORS** as follows: Mammoth white, Scarlet, Pink, Purple, Yellow, and Striped. **Large Trade Packet, (1000 seeds) 25c; 5000 seeds, $1.00; per oz., $1.25.**

Giant Brilliant mixed. **Large Trade Packet, (1000 seeds) 20c; 5000 seeds, 75c.; per oz., $1.00.**

Just Arrived JAPAN LILIES

	Per doz.	Per 100	Per 1000
LILIUM AURATUM, 8-9 (130 bulbs to case)	$0.70	$4.50	
" " 9-11 (100 bulbs to case)	1.25	7.50	
LILIUM SPECIOSUM RUBRUM, 8-9 (200 bulbs to case)	.90	5.50	$50.00
" " **ALBUM.** 8-9 (220 bulbs to case)	1.00	6.50	62.00
" " **MELPOMENE,** 8-9 (200 bulbs to case)	1.00	6.00	55.00

GLOXINIAS and TUBEROUS BEGONIAS due to arrive, Write for prices.
Surplus list of Dutch and French Bulbs mailed on request.

Johnson Seed Co., 217 Market Street, PHILADELPHIA, PA.

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

We are caught with a consignment of **ROSES** Which we have to move.

And will offer for cash the following varieties, ten in a lot at $7.00 per 100.

Gen. Jack, brilliant crimson.
Chas. Wood, lilac and red.
Ulrich Brunner, cherry red.
Baroness Rothschild. light pink.
Margaret Dickson, good white.
Belle Siebrecht, nice pink.
Mme. Plantier, Memorial Rose, white.
Julius Margottin, carmine rose.
Magna Charta, pink.
Frau Karl Druschki, fine white.
Paul Neyron, fine red.
Anna Diesbach, lovely carmine.
Mons. Boncenne, deep crimson.

Also Hydrangea P. G. Dwarf, $7.00 per 100.

W. ELLIOTT & SONS, AUCTION DEPT. 201 Fulton Street, NEW YORK

Mention The Review when you write.

ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, BERLIN, N. Y.

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

Mention The Review when you write.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer and yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.
Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

MUSHROOM SPAWN

Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.

Pure Culture Spawn Co.
609 W. Fourth St. CINCINNATI, O.
Chicago Branch, 604 LaSalle Ave.

Mention The Review when you write.



Lambert's Pure Culture **Mushroom Spawn**
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on "Mushroom Culture" mailed free on application.
American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

THE REVIEW has helped me more than you could ever know.—F. D. HARTSHORN, Augusta, Me.

Asparagus

Asparagus Plumosus, 3-inch, $6.00 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00.
Boston Ferns, 8-inch, $1.25 each.
Piersoni Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 5c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Alice Byron, Pearson, Halliday, Robinson, Appleton, Ft. Bonnefond, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

2½-in. **Asparagus Plumosus**	$3.00 per 100
3-in. **Asparagus Sprengeri**	4.00 per 100
2-in. **Hibiscus,** in variety	2.50 per 100
2-in. **Flowering Begonias**	2.50 per 100
2-in. **Boston Ferns**	3.00 per 100
2-in. **Tarrytown Ferns**	5.00 per 100
2-in. **Scottii Ferns**	4.00 per 100
3-in. " "	6.00 per 100
4-in. " "	10.00 per 100

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

Fine Stock all in bloom 4-inch, $5.00 per doz. 3-inch, 3.00 per doz.
Boston Ferns, 8-inch pans..$1.50 each; $15.00 per doz. 6-inch pans.. .50 each.

A. JABLONSKY, Wellston, St. Louis, Mo.

Mention The Review when you write.

ROCHESTER, N. Y.

Trade conditions are not as good as they might be. An absence of sufficient funeral work to use up stock, coupled with the people busy preparing for Christmas, has been the cause of stock dragging somewhat. Prices, however, have kept up. Carnations bring from $3 to $5 and roses $3 to $7. Chrysanthemums are about all in with the exception of pink, and they are hard to move. Violets fail to move, the weather having been too cold for one thing. However, from now on trade will no doubt improve. Thanksgiving business with G. B. Hart, our wholesale florist, eclipsed all records and he was more than satisfied with the results. He is now handling some exceptionally fine Kentia Belmoreana, which have been pronounced the finest stock ever seen in this city.

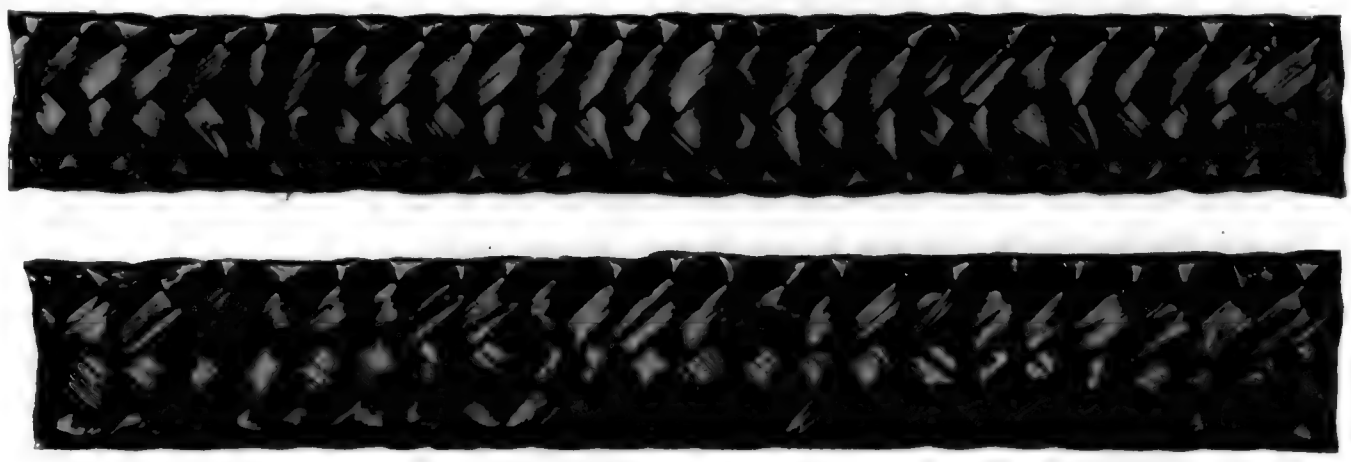
C. H. Vick attended the funeral of his brother, the late James Vick, in Philadelphia.

Herbert Greensmith paid a flying visit to this city last week to see his old friends. He is now engaged in Black Hall, Conn., growing herbaceous stock on a large scale. H. B. S.

WE consider the REVIEW the best trade paper.—COVINGTON SEED CO., Covington, Ky.

FIND enclosed $5 for the Florists' Manual, by William Scott. It is the best book of the age on commercial floriculture and should be in the home of every gardener.—CONRAD FORBACH, Buffalo, N. Y.

WE SELL



STRAW BRAID for BASKETS (all colors), also COLORED RAFFIA and DYE.

CAPE FLOWERS, PLUMES, IMMORTELLES AND FLORISTS' SUPPLIES.

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A GRAND ASSORTMENT OF EVERYTHING FOR CHRISTMAS.

Agent for JOHN SCHERER'S EVERGREENS, HOLLY, GALAX and

CHRISTMAS GREENS.

WE ARE HERE TO STAY. WE ASK A SHARE OF YOUR PATRONAGE. MERRY XMAS TO ALL.

ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held December 7. The annual election resulted in the choice of the following officers: President, Wm. J. Bennett, gardener for A. C. Van Gasbeek; vice-president, Arthur T. Caparn, superintendent of the estate of Stewart Hartshorne; secretary, Henry Halbig, gardener for George Graves; treasurer, William Read, gardener for S. & A. Colgate.

J. B. D.

MILWAUKEE.

Club Election.

At the regular meeting of the Milwaukee Florists' Club, December 9, the annual election of officers was held. John G. Heitman was re-elected president. The other officers elected are: Vice-president, Chas. Burmeister; secretary, C. Dalwig; treasurer, Nic. Zweifel; trustee, C. Valom.

The meeting was largely attended and refreshments were served after the election.

Various Notes.

Flowers in this vicinity have been scarce in the last week. The continuous dark weather has kept the supply down exceptionally low and prices ruled high in nearly all lines, except stevia, of which the market is overstocked. On account of the shortage of flowers at this time there appears to be a very early demand for Christmas plants and the supply in sight is about cleaned up. The German market, which was the headquarters for plants of all descriptions in former years, is a thing of the past. This building is now occupied by one of the brewing concerns and all florists had to vacate. However, they all found quarters in the neighborhood.

The New Ceramic Chrysanthemum

Stock plants, 20c each, while they last.
Also Bonnaffon, Chadwick, Jones and Nonin.

CHAL. PETERSON, East Liverpool, O.

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FANCY FERNS and GALAX—High-Grade Stock

Orders filled satisfactorily.

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Home Phone 164. Bell, Main 974.

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10,000 FERNS

(Very Strong.)

	Per Doz.	Per 100
Piersoni, 5-inch	$3.50	$25.00
" 4-inch		10.00
" 3-inch		5.00
Scottii, 5-inch	4.00	30.00
" 4-inch		15.00
" 3-inch		8.00
Boston, 5-inch	3.50	25.00
" 4-inch		10.00
" 3-inch		5.00
Rubber Plants, 6-inch		35.00
" " 5-inch		25.00
" " 4-inch		20.00
1000 Hardy Ivy, 18-in., 3-inch pots		5.00
1000 Asparagus Sprengeri, 2½-in. pots,		3.50

J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

Mention The Review when you write.

Quite a quantity of holly is already in the city and some of the commission merchants are handling it in large quantities. There is no bouquet green in bulk in the market. There is a limited amount of wreathing to be had.

Unless there is some improvement in the weather before Christmas there will be quite a shortage of flowers.

AURORA, ILL.—The old W. L. Smith place is now a thing of the past, greenhouses and residence having been demolished to make room for modern homes.

Bouvardias, Sweet Peas, Lilies and Christmas Novelties.

W. E. McKISSICK

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1221 Filbert Street, Philadelphia

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We are strong on all varieties of

CHOICE FLOWERS

Shipping orders a specialty.

General Line of Seasonable Stock.

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Wholesale Cut Flower Prices.

Philadelphia Dec. 12.

	Per doz.
Beauties, Specials	$6.00 to $7.50
" Select	4.00 to 5.00
" Medium	2.50 to 3.00
" Short	1.50 to 2.00
	Per 100
Brides and Bridesmaids, Fancy	$12.00 to $15.00
" " Select	8.00 to 10.00
" " Ordinary	4.00 to 6.00
Richmond, Liberty, Fancy	15.00 to 18.00
" Select	8.00 to 12.00
" Ordinary	4.00 to 6.00
Killarney, Chatenay, Fancy	12.00 to 15.00
" " Select	8.00 to 10.00
" " Ordinary	5.00 to 6.00
Golden Gate, Select	10.00 to 12.00
" " Ordinary	4.00 to 6.00
Carnations, Fancy	6.00
" Select	4.00 to 5.00
" Ordinary	2.00 to 3.00
Harrisii Lilies....doz., $2.00	
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00
" Sprays, bunch....50c	
" Sprengeri, bunch...50c	
Smilax	15.00
Valley	4.00 to 5.00
Cattleya Trianæ	75.00
Cypripediums	15.00
Dendrobium Formosum	40.00
Lælia Anceps and Lælia alba, dozen....$1.00 to $2.50	
Callas	12.50 to 15.00
Violets Single	.50 to 1.00
" Double	1.00 to 1.50
" White	2.00
Chrysanthemums—	
Fancy....doz., $3.00	
Select....doz., $2.00-$2.50	
Gardenias....doz., $9.00	
Bouvardia	4.00
Pansies....per bunch, 5c-6c	
Snapdragon	3.00 to 4.00
Sweet Peas	1.00 to 1.50
Stevia	1.00
Roman Hyacinths	3.00 to 4.00
Paper White Narcissus	3.00 to 4.00
Poinsettias	15.00 to 25.00
Mignonette, Fancy	6.00 to 8.00
" Ordinary	4.00

Cleveland, Dec. 12.

	Per doz.
Beauties, Specials	$6.00
" Extra	5.00
" Select	4.00
" No. 1	2.50
" Shorts	1.50
	Per 100
Kaiserins	$ 5.00 to $ 9.00
Brides and Bridesmaids	3.00 to 8.00
Carnations	3.00 to 5.00
Chrysanthemums...doz., 75c-$2.00	
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

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Poinsettias, Sweet Peas, Carnations, Lycopodium or Asparagus, SEND TO

BERGER BROS., Wholesale Florists, 1237 Filbert Street, PHILADELPHIA.

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11 SOUTH 16TH STREET, PHILADELPHIA, PA.

Choice Flowers and Holly

Selected Galax, $7.50 per case 10,000.

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Clean, healthy stock, nicely colored, 6-in. pots, $1.00 each, $12.00 per doz. Also larger plants.

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GERMANTOWN, PHILADELPHIA, PA.

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CARNATIONS, PAPER WHITES AND SMILAX.

WHOLESALE FLORIST

1432 So. Penn Square, PHILADELPHIA, PA.

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Muskogee Carnation Company

Largest Growers in the Southwest of Cut Flowers, such as Carnations and Roses. A Trial Order will Convince You.

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Growers of

CHOICE CUT FLOWERS

Roses, Carnations, Orchids, Etc.

We are fully prepared to fill orders for shipping by steamers and express all through the Southern States.

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For an Asparagus Plumosus Grower.

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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

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Wholesale Commission Dealer in

CUT FLOWERS

39 W. 28th St., NEW YORK

(Established 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

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122 W. 25th St., New York

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We manufacture all our METAL DESIGNS, BASKETS, WIRE WORK and NOVELTIES and are dealers in Glassware, Decorative Greens and all Florists' requisites.

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Wholesale Cut Flower Prices.

New York, Dec. 10.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Fancy	25.00 to 30.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 12.00
" No. 2	5.00 to 6.00
" Shorts	2.00 to 4.00
Brides and Maids, Special	8.00 to 10.00
" " Extra	5.00 to 6.00
" " No. 1	4.00 to 5.00
" " No. 2	2.00 to 4.00
Golden Gate, Chatenay	3.00 to 10.00
Killarney	3.00 to 10.00
Richmond	3.00 to 10.00
Orchids, Cattleyas	50.00 to 75.00
Cypupediums	10.00 to 12.00
Gardenias	20.00 to 35.00
Carnations, Common	1.50 to 2.00
" Selects	2.50 to 3.00
" Fancies and novelties	4.00 to 8.00
Chrysanthemums, Ordinary	2.00 to 8.00
" Fancy	10.00 to 30.00
Violets	.40 to 1.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	.75 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	8.00 to 10.00
Lily of the Valley	2.00 to 4.00
Smilax	6.00 to 10.00
Paper Whites	1.50 to 2.50
Callas	8.00 to 10.00
Hyacinths	2.00 to 3.00

THE REVIEW is the pusher.—J. G. ANGEL, Neosho, Mo.

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Cut Flower Exchange, Coogan Bldg.

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Open from 6 a. m. to 5 p. m. Everything for the Florist in Seasonable Flowers all the year around.

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Violets, Roses, Carnations, Orchids.

Established 1888.

GROWERS—Important—Special advantages for you this season. Write or see us.

ESTBLISHED 1872

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Tel. No. 1009 Madison Square

Headquarters now in the Coogan Bldg.

in close touch with the market.

Best Facilities and Accommodations

for growers in the city.

Orchids, mums, asparagus, smilax; all kinds of cut flowers in their season. On the ground floor; convenient for our customers.

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The Largest Shippers and Receivers of Fresh Cut Flowers

☞A complete assortment of the best in the market can always be relied upon.

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Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

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(The Original Pioneer House)

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SHIPMENTS OF PLANTS made to any part of the country. A trial order solicited.

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Roses, Carnations, Valley, Orchids, Gardenias, Violets and Every Variety of Cut Flowers.
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Wholesale and Retail Dealers in all kinds of
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SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
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Largest stock and greatest assortment in the country at half the regular rates. Any design made on shortest notice. Send for Price List. Shipments anywhere.
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Consignments of first-class stock solicited.
Prompt returns.
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Full line of FLORISTS' SUPPLIES and all Decorative Greens, Ribbons and Novelties. We manufacture all our Metal Wreaths, Baskets and Wire Work. Come and see the new store.
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Wholesale dealers in Fresh Cut Palmetto and Cycas Palm Leaves, Galax, Leucothoe, Ferns, Mosses, all Decorating Evergreens.
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Wholesale Commission Dealer in
CUT FLOWERS
Room for the products of growers of first-class stock.
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28 Willoughby St., Brooklyn, N. Y.
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National Florists' Board of Trade
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Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.
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HENRY R. CRAWBUCK
Wholesale Dealer in
Wild Smilax, Galax, Palm Leaves, Leucothoe Sprays, Fancy and Dagger Ferns.
Long Maine Princess Pine, $7.00 per 100 lbs.
Orders received now for December delivery.
370 Pearl St.
Brooklyn, N. Y.
Green Goods.
Order all you need; we never disappoint.
Brooklyn Agent for Caldwell's Parlor Brand Wild Smilax.
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Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Dec. 12.

	Per doz.	
Beauties, long stems	$5.00 to	$6.00
" 30-inch stems	3.00 to	4.00
" 24-inch stems		2.50
" 20-inch stems		2.00
" 15-inch stems		1.50
" 12-inch stems		1.25
" Short stems	.75 to	1.00
	Per 100	
Bridesmaids, Specials	$5.00 to	$8.00
" Firsts	3.00 to	4.00
Brides, Specials	5.00 to	8.00
" Firsts	3.00 to	4.00
Richmond, Specials	5.00 to	10.00
" Firsts	3.00 to	4.00
Liberty	3.00 to	10.00
Golden Gate, Firsts	5.00 to	6.00
" " Seconds	3.00 to	4.00
Killarney	3.00 to	12.00
Uncle John	3.00 to	6.00
Perle	3.00 to	5.00
Chatenay	3.00 to	8.00
Carnations, Select	3.00 to	4.00
" Fancy	5.00 to	6.00
Violets, double	1.00 to	1.50
" single	.75 to	1.00
Chrysanthemums, fancy...doz.,	$3	
" medium, doz.,	$1.50-$2	
" small	6.00	10.00
Cattleyas.....per doz., $7.50		
Dendrobium—		
Formosum....doz., $5.00 to $6.00		
Harrisii	15.00 to	18.00
Callas	15.00 to	18.00
Valley	3.00 to	5.00
Sweet Peas	1.00 to	1.50
Bouvardia	2.00 to	4.00
Paper Whites, Romans	3.00 to	4.00
Stevia		2.00
Mignonette	6.00 to	8.00
Asparagus, Strings	35.00 to	50.00
" Sprays, per bunch,	25-75c	
" Sprengeri, "	25-35c	
Ferns.....per 1000,	$1.50	.20
Galax.....per 1000,	$1.00 to 1.50	.15
Adiantum Cuneatum		1.00
" Croweanum		1.50
Smilax.....per doz.,	$1.50	12.00

Milwaukee, Dec. 12.

	Per 100	
Beauties	$40.00 to	$50.00
" Medium	20.00 to	35.00
" Shorts	5.00 to	15.00
Bride and Bridesmaid	4.00 to	8.00
Golden Gate, Chatenay	4.00 to	8.00
Liberty	4.00 to	10.00
Richmond	4.00 to	10.00
Perle	4.00 to	8.00
Carnations	3.00 to	6.00
Valley		4.00
Stevia		1.50
Violets		1.50
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays		3.00
" Sprengeri, "		3.00
Smilax		15.00
Adiantum	1.00 to	1.50
Chrysanthemums—		
Small.....doz.,	75c-$1.00	
Medium.....doz.,	$1.50-$2.50	
Large.....doz.,	$3.00-$4.00	

Buffalo, Dec. 12.

	Per 100	
Beauties, Specials	$40.00 to	$50.00
" Extra	30.00 to	40.00
" Shorts	10.00 to	20.00
Brides and Maids, Extra	8.00 to	10.00
" " No. 1	6.00 to	8.00
" " No. 2	4.00 to	6.00
Liberty	4.00 to	12.00
Golden Gate	4.00 to	8.00
Kaiserin	4.00 to	8.00
Perle	4.00 to	7.00
Carnations	2.00 to	5.00
Chrysanthemums	5.00 to	20.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	40 00 to	50.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	2.00
Lily of the Valley	3.00 to	4.00
Smilax		15.00
Harrisii	15.00 to	20.00
Violets	1.25 to	1.50

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	Per 100.
Beauties, Specials	$30.00 to $50.00
" Extra	20.00 to 25.00
" Short Stems	8.00 to 12.00
Brides, Specials	4.00 to 10.00
" Seconds	2.00 to 3.00
Bridesmaids, Specials	4.00 to 12.00
" Seconds	1.00 to 2.00
Chatenay	2.00 to 12.00
Wellesley, Killarney	2.00 to 12.00
Liberty, Richmond	3.00 to 15.00
Carnations, Special	4.00 to 5.00
" Select	3.00
" Ordinary	2.00 to 2.50
Lily of the Valley	3.00 to 5.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50,00
" Sprengeri, bunches	25.00
Smilax	10.00 to 12.00
Harrisii	10.00 to 12.00
Violets	.75 to 1.00
Chrysanthemums	4.00 to 15.00
Cattleyas	35.00
Cypripediums	10 00 to 12.00
Callas	10.00 to 12.00
Antirrhinum	3.00 to 4.00
Sweet Peas	1.00 to 1 50
Mignonette	2.00 to 5 00
Paper Whites	2.00
Roman Hyacinths	2.50 to 3.00

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St. Louis, Dec. 12.

	Per doz.
Beauties, Specials	$ 3.00 to $ 4.00
" Extra	2.00 to 2.50
" Shorts	.50 to 1.50
	Per 100
Brides and Maids, Specials	$ 6.00 to $ 8.00
" " No. 1	3.00 to 4.00
Golden Gate	5.00 to 6.00
Richmond	3.00 to 6.00
Carnot	5.00 to 8.00
Carnations, Common	2.00 to 2.50
" Fancies	3.00 to 4.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.35 to .50
Paper Whites	3.00 to 4.00
Stevia	1.00
Romans	2.50 to 3.00

Pittsburg, Dec. 12.

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Fancy	3.00 to 4.00
" Medium	1.50 to 2.00
" Short	.75 to 1.00
	Per 100
Brides and Bridesmaids, Fancy	$10.00 to $12.00
" " Medium	6.00 to 8.00
" " Short	5.00
Richmond, Specials	12.00
" Select	8.00 to 10 00
" Ordinary	5.00 to 6.00
Kaiserin, Specials	10.00 to 12.00
" Ordinary	5.00 to 8.00
Killarney	5.00 to 12.00
Chatenay	5.00 to 12.00
Perle	4.00 to 12.00
Bon Silene	4.00
Cusin	3.00 to 6.00
Carnations, Ordinary	3.00 to 4.00
" Fancy	5 00 to 6.00
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12 50 to 15.00
Valley	3.00 to 4.00
Violets, double	1.25 to 1.50
Paper Whites	3.00 to 4.00
Roman Hyacinths	1.00 to 4.00
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" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	8.00
" " No. 1	6.00
" " No. 2	3.00
Golden Gate	3.00 to 8.00
Kaiserin	3.00 to 8.00
Liberty	4.00 to 12.00
Meteor	3.00 to 8.00
Perle and Sunrise	3.00 to 6.00
Carnations	2.00 to 5.00
Chrysanthemums	10.00 to 25.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.75 to 1.50
Baby Primroses	.35 to .50
Snapdragon	3.00 to 4.00
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Abutilons, 2-in., $2.50 100. Cash.
Howard & Smith, Los Angeles, Cal.

ADIANTUMS.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Pauline and Gurney. R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera brilliantissima, original stock, finest red of all, 65c 100. A. nana, 60c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Double alyssum, rooted cuttings, 50c 100; $4.00 1000. H. Stabenow, Reading, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Kiehm's Nurseries, Arlington Heights, Ill.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 6-in. pots, 22 to 26 in. high, $1.50 each.
Stahl's Greenhouses, 12th and Dickinson Sts., Philadelphia, Pa.

ARDISIAS.

Ardisias, well berried for Christmas, all sizes, 75c to $3.00 each.
Julius Roehrs Co., Rutherford, N. J.

ASPARAGUS.

Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
J. Sylvester, Florist, Oconto, Wis.

Asparagus plumosus, 2-in., $3.00 100; 3-in., $6.00 100. Plumosus nanus, 4-in., $1.25 doz. Sprengeri, 2-in., $3.00 100; 3-in., $6.00 100; 4-in., $1.25 doz.; 5-in., $2.00 doz. A. scandens deflexus, 3-in., $1.25 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00. 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus plumosus nanus, good 9-foot strings, 40c. Lighter ones, 25c. Cash with order, please. Can ship promptly.
R. Kilbourn, Clinton, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri plants. Nice plants just as they come from the flats, $6.00 per 1000 plants; 500 at 1000 rate.
B. H. Haverland, Pleasant Run, Ohio.

Extra fine Asparagus plumosus, 2½-in., ready for 4-in., $3.00 100; or will exchange for 3-in. cyclamen. J. H. Krone, Jr., Fort Smith, Ark.

Asparagus plumosus nanus and Sprengeri, 2½-in., $3.50; 3-in., $5.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus nanus, 4-in., 10c to 12c. Sprengeri, 4-in., 10c. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus plumosus, 2½-in., $3.00. Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus plumosus and Sprengeri, 6-in., 20c; 3½-in., 5c.
Shearer, The Florist, Winchester, Ky.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Sprengeri, 5-in., extra strong plants, $10.00 per 100. Fifth Ave. Floral Co., Columbus, O.

Asparagus Sprengeri, 3-in., extra strong, $5.00 100. John Walker, Youngstown, O.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus plumosus, strong, 4-inch, $6.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Asparagus Sprengeri, 3½-in., $4.00 per 100.
Dinstel Bros., 1056 N. 62nd Ave., Chicago.

Asparagus plumosus nanus, 2-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, 3-in., extra strong, $5.00 100. John Walker, Youngstown, O.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Asparagus plumosus nanus. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus Sprengeri, 2½-in., $3.50 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Asparagus plumosus, 3-in., 5c.
N. Studer, Anacostia, D. C.

ASPIDISTRAS.

Aspidistras, 6 to 7-in. pots, 8 to 15 leaves. Variegated, 10c leaf; green, 5c leaf. Cash.
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Aspidistras, green; 6 to 7-in., 6 to 12 leaves, 5c per leaf.
W. J. & M. S. Vesey, Fort Wayne, Ind.

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Aucuba japonica, 3½ ft., $1.50 each.
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Azaleas, araucarias, palms, etc., grown especially for American florists.
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Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
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Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

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Bay trees and box trees, standards and pyramids. Price list on application.
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Bay trees and box trees, standards and pyramids.
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Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, Flambeau and Erfordii. Display adv. gives description and prices. G. Aschmann, 1012 Ontario St., Phila.

Begonia Argenteo-guttata, 2½-in., $3.00 100. Cash. Howard & Smith, Los Angeles, Cal.

Begonia Gloire de Lorraine, in bloom, 6-in. pots, $1.00 each; 7-in. pots, $1.50 each.
Bentzen Floral Co., Grand Ave., St. Louis, Mo.

Begonia Gloire de Lorraine, 4-in., $5.00 doz.; 3-in., $3.00 doz. All in bloom.
A. Jablonsky, Wellston, Mo.

Flowering begonias, 2-in., 2½c. Rex, 3-in., 8c. Cash. Byer Bros., Chambersburg, Pa.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

Begonias, good var., mixed, 5-in., 15c.
Shearer, The Florist, Winchester, Ky.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Begonia Sandersoni, 2½-in., $3.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers and Jerusalem cherries, strong, stocky plants, full of fruit and bloom, 5-in. pots, $8.00 100.
H. O. Hannah & Son, Sherman, Tex.

Christmas cherries, extra fine, shapely plants, heavily fruited, 20c, 25c and 35c.
L. E. Marquisee, Syracuse, N. Y.

Jerusalem cherries, pot-grown, 4-in., $10.00; 5-in., $15.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Jerusalem cherries, very bushy, 6 to 7-in., $3.00 to $6.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Jerusalem cherries, 12-in. pans, 75c each; 3½-in. pots, $6.00 100.
J. W. Dunford, Clayton, Mo.

Peppers, fine for Christmas, 3-in., 10c.
Fuhlbruegge Bros., Winona, Minn.

BULBS.

Amaryllis Belladonna, small, $1.00 and $2.00; medium, $4.00; large (monster), $5.00 per 100. Amaryllis Aulica, large, $10.00. Amaryllis formosissima, large, $3.00; choice hybrid seedlings, large, $20.00 per 100.
Theodosia B. Shepherd Co., Ventura, Cal.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

White Roman hyacinths, a few cases, 13 to 15, $28.00 per 1000. Nothing better to be had.
J. L. O'Quinn & Co., Raleigh, N. C.

Amaryllis Johnsoni, blooming bulbs, $7.00 per 100; extra size, $10.00 per 100.
C. W. Bakewell, Gretna, La.

Importers and growers of high grade bulbs.
Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Superfine, single mixed tulips, 60c 100; $4.50 1000. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill.

CANNAS.

Cannas. Alphonse Bouvier, Pennsylvania, Partinope, Paul Marquant, Florence Vaughan, Alemannia, divided, $12.00 per 1000. We are booking orders now for spring delivery out of 2½-in. pots for the above cannas; also for roses, ferns and Vinca var. Write for list and prices. Fairview Floral Co., Beatty, Ohio.

Cannas, dry bulbs, 10 varieties, $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

MELODY, the original Daybreak sport from Mrs. Lawson, is a MONEY-MAKING CARNATION. Produces just as well, sells just as well, ships better and lasts longer than Enchantress. Stock in good healthy condition. Cuttings ready now, $10.00 per 100; $75.00 per 1000. Send in your order now.
QUALITY IS OUR HOBBY.
W. C. HILL FLORAL CO., Streator, Illinois.

Carnation Imperial, the variegated seedling, and Pink Imperial, the pink seedling, my own origination. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000; 5% discount for cash. December, 1906, delivery.
John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., New York.

Carnations, A1 rooted cuttings. These prices for December and January delivery. Per 1000:

Enchantress	$20	B. Market	$15
Bountiful	25	Lawson	15
Cardinal	25	Harlowarden	15

100 at same rate. Cash with order.
Smith & Gannett, Geneva, N. Y.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Place your order now for January delivery of rooted carnation cuttings of Robt. Craig, Lady Bountiful, N. Fisher, P. Lawson, Enchantress, Harlowarden, and Aristocrat. Every cutting guaranteed. Andrew Peterson, Hoopeston, Ill.

Orders now booked for rooted cuttings of carnations, January, 1907, delivery. Rose-pink Enchantress, $7.00 100, $60.00 1000. Helen Goddard, $6.00 100, $50.00 1000.
W. B. Girvin, Leola, Pa.

Carnation rooted cuttings of Mrs. Fisher, the best outdoor white on the market. Strong, healthy cuttings ready now, $1.50 per 100; $12.50 per 1000.
Geo. Holst, Jr., Flushing, N. Y.

Carnations, rooted cuttings for January, 1907, delivery. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation Pocahontas (crimson), to be disseminated next winter. Price, $12.00 100; $100.00 1000. Write us.
Baur & Smith, Indianapolis, Ind.

Enchantress, strong, healthy rooted cuttings, $2.00 100; $18.00 1000. Price list of other varieties free.
Sunnycrest Greenhouses, Phenix, R. I.

Strong, well-rooted carnation cuttings of all the best kinds. Varieties and prices given in display adv.
Chas. Dauernheim, Jr., Kimmswick, Mo.

Rooted carnation cuttings for immediate delivery. Display adv. gives list of varieties and prices. Loomis Carnation Co., Loomis, Cal.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Well-rooted carnation cuttings, also unrooted, of all the best varieties. See display adv. for offer. Loomis Floral Co., Loomis, Cal.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000. Jan. delivery.
S. S. Skidelsky, 824 N. 24th St., Phila.

Mabelle, the new pink carnations for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Red Riding Hood, the new scarlet for 1907, also all the other novelties and standards.
Chicago Carnation Co., Joliet, Ill.

Field-grown carnations. Queen and Harlowarden, $5.00 per 100, $45.00 per 1000.
The Parker Greenhouses, Norwalk, O.

Carnation Helen Goddard. Orders booked for rooted cuttings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000. January delivery.
Rudolph Fischer, Great Neck, N. Y.

Unrooted carnation cuttings, Gomez, Lawson, Sport, Daybreak, 50c 100. Prepaid.
Wm. Ehmann, Jr., Corfu, N. Y.

Carnation cuttings. Leading varieties. Write for prices. Wm. Winter, Kirkwood, Mo.

Carnation pink sport of Enchantress, rooted cuttings, $6.00 100; $50.00 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Unrooted carnation cuttings, healthy stock. See display adv.
C. Whitton, City St., Utica, N. Y.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Carnation Helen Goddard, rooted cuttings ready Jan. 1, $50.00 1000.
Geo. E. Buxton, Nashua, N. H.

Well rooted carnation cuttings, healthy. Write for price list, terms, etc.
Hermitage Carnation Co., Loomis, Cal.

Field-grown carnations, Norway, $3.00 100.
J. W. Dunford, Clayton, Mo.

Rooted carnation cuttings. See display adv.
Henry Baer, Peoria, Ill.

CHRISTMAS PLANTS.

Celestial peppers, 5-in., 25c; 7-in., 50c; 8-in., $1.00 each. Jerusalem cherries, 5-in., 25c; 6-in., 50c. Romans, 5-in., 25c. Paper Whites, 5-in., 25c; 6-in., 40c. Fifty 10-inch Bostons, worth $4.00, for $2.50 each or $25.00 dozen. A very fine lot of Elegantissima, Barrowsii, Piersoni, Scottii, Whitmani and Boston ferns in 4, 5 and 6-in. pots. Chinese primroses, P. obconica and Baby primroses, 4-in., $12.50. Rex begonias, 4-in., $15.00. Write for new price list. Geo. A. Kuhl, Pekin, Ill.

FOR CHRISTMAS.
Begonia Gloire de Lorraine, 4-in. pots, 30c; 3-in., pots, 20c.
Jerusalem cherries, strong, very bushy, full of fruit, 6-in. pots, 15c; 5-in. pots, 10c; 4-in. pots, 8c per plant.
CASH WITH ORDER.
RIVERVIEW GREENHOUSES, Lewisburg, Pa.

Gloire de Lorraine, finest quality; Pandanus Veitchii, finely colored; Boston and Scottii ferns; poinsettias, in pans and cut. Order now.
J. A. Peterson, Westwood, Cincinnati, O.

Blooming plants for Christmas. See display for what I have to offer.
C. Whitton, City St., Utica, N. Y.

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CHRYSANTHEMUM STOCK PLANTS.
NEW VARIETIES, $3.00 PER DOZ.

Morton F. Plant	Mrs. J. Dunne
Mrs. Swinburne	Mrs. G. Heaume
Mrs. G. Beech	Mrs. Judson
C. Montigny	T. Richardson
Old Gold	Mrs. Partridge

LAST YEAR'S VARIETIES, $1.00 PER DOZ.

Mrs. Duckham	Gen. Hutton
Roi d' Italie	Mrs. F. J. Taggart
Merstham Yellow	S. de Calvat Pere
Dr. Galloway	Reveil de Begle
C. Touset	Matchless
Lord Hopetoun	Jeanne Nonin
Cheltoni	P. Radaelli
G. Hamilton	

OLD VARIETIES, 50C PER DOZ.

Monrovia	O. Sunshine
R. Halliday	Pink Ivory
White Ivory	Glory Pacific
Estelle	Col. Appleton
Mrs. Buckbee	Sunburst
Meunier	P. Plumridge
Alliance	M. Bonnaffon
G. Chadwick	W. A. Chadwick
Mrs. Robinson	Viviand-Morel
Mutual Friend	W. Bonnaffon
Yellow Eaton	White Eaton
Leila Filkins	Mrs. Thirkell
G. Wedding	Cash with order.

M. WEILAND, Evanston, Ill.

WE WANT TO GET RID OF THESE STOCK MUMS, merely to get the room. AS AN INDUCEMENT WE WILL SLAUGHTER 5000 at these rates: Polly Rose, Merstham Yellow, Robinson, Appleton, Duckham, Enguehard, Nellie Pockett, Leila Filkins, White and Yellow Bonnaffon, Maud Dean, Yellow Eaton, $3.00 per 100; $20.00 per 1000. Undivided stools. No less than 50 at 100 rate or 250 at 1000 rate.
NOVELTIES: Alice Byron, C. Touset, Jeanne Nonin, Roi d' Italie, $5.00 per 100. Stock limited. Order quick.
CASH.
HARLOWARDEN GREENHOUSES,
GREENPORT, N. Y.

Small mum growers! Here you will find some money-making stock plants. Fine clumps to close out at 60c per doz., $5.00 per 100.

Pink.	White.
Dr. Enguehard	C. Touset, early
Pink Ivory	Chadwick, late
Maud Dean	Ivory
Yellow.	Eaton
Rieman	White Bonnaffon
Bonnaffon	J. Jones
Appleton	Jeanne Nonin, fine
Y. Eaton	
G. Wedding, late	

Spach-Denison Co., New Philadelphia, O.

Chrysanthemum stock plants. Polly Rose, Glory of Pacific, Alice Byron, Ivory, Monrovia, Geo. W. Childs, Col. Appleton, Yellow and White Eaton, Bonnaffon, Mrs. J. Jones, Wm. Duckham, Dr. Enguehard, Leila Filkins, 5c each. Jeanne Nonin, $1.00 per doz.
Maurice J. Brinton, Christiana, Pa.

Chrysanthemum stock plants. C. Touset, white, $1.25 per doz.; $10.00 per 100. Jeanne Nonin, white, 25c each; $3.00 per doz. Wanamaker, white, 4c each; $3.00 per 100. Major Bonnaffon, yellow, 4c each; $3.00 per 100. T. Eaton, white, 4c each; $3.00 per 100. Yellow Eaton, 4c each; $3.00 per 100. W. H. Chadwick, white and yellow, 6c each; $5.00 per 100. Polly Rose, 4c each; $3.00 per 100. October Sunshine, yellow, 4c each; $3.00 per 100. Omega, yellow, $1.00 per doz.; $7.00 per 100. Cash. Math. Evert, 58-60 Wabash Ave., Chicago.

Chrysanthemum stock plants, $6.00 per 100. White—Opah (early), Timothy Eaton, H. Robinson, Arline, Ivory, Mrs. Henry Weeks, Polly Rose, Convention Hall. Pink—Dr. Enguehard, Marie Liger, Minnie Bailey, Henry Frick, A. J. Balfour, John Burton, Pacific, Mrs. Coombes. Yellow—Monrovia (early), R. Halliday, O. P. Bassett. Light yellow—Col. Appleton, Golden Wedding, Nagoya.
The Ohio Cut Flower Co., Cleveland, O.

Chrysanthemum stock plants. Nonin, Mrs. Buckbee, Mrs. Baer, Wm. Duckham, Golden Wedding, 75c per doz. Appleton, Chadwick, Parr, Ivory, Pink Ivory, Intensity, J. K. Shaw, Bonnaffon, Monrovia, Maud Dean, Mrs. J. Jones, G. Kalb, Mrs. Robinson, Mrs. Perrin, Niveus, Rieman, S. Beauty, Snow Queen, Timothy Eaton, Yellow Eaton, 60c per doz.; $4.00 per 100.
Andrew Bather, Clinton, Iowa.

Chrysanthemum stock plants. Monrovia, Pacific, Estelle, Halliday, White Ivory, Appleton, Enguehard, Yellow and White Eaton, Queen, White Bonnaffon, Elmer D. Smith, V.-Morel, Blackhawk, $4.00 per 100. Yellow and White Chadwick, Merchant's Yellow, $6.00 per 100. Touset and Nonin, $7.00 per 100.
Fifth Ave. Floral Co., Columbus, O.

Chrysanthemum stock plants. Enguehard, Liger, White Cloud, Chamberlain, Bonnaffon, P. Rose, P. Radaelli, Ivory. Modesty, Y. Eaton, extra heavy, $4.00 100. Rooted cuttings of Fidelity, October Frost, $5.00 100; J. Nonin, $2.50 100. Order now.
F. Shearer & Son, Binghamton, N. Y.

Chrysanthemums, stock plants, 50c per doz. as long as they last. White—Ivory, Jerome Jones, Bonnaffon, T. Eaton. Yellow—Bonnaffon, Golden Wedding, Cheltoni, Col. Appleton. Pink—Dr. Enguehard.
Jas. J. Curran, Salem Conservatories, Salem, Va.

Chrysanthemum stock plants of the following varieties, $4.00 per 100. Kalb, Glory of Pacific, Polly Rose, Pink Ivory, White Ivory, Wm. Duckham, Maud Dean, Marie Liger, Dr. Enguehard, A. J. Balfour, Alice Byron and R. Halliday. W. H. & C. B. Newman, Akron, N. Y.

Stock plants. Touset, Nonin, the money-makers as we have found them, 75c per doz.; $5.00 per 100; $40.00 per 1000. Pacific, Estelle, Willowbrook, Halliday, Kalb, L. Harriett, 60c per doz.; $4.00 per 100.
Eggeling Floral Co., St. Louis, Mo.

Strong, healthy, chrysanthemum stock plants. 50 Appleton, 100 White Chadwick, $4.00 per 100. 150 Richardson, 250 Maud Dean, 50 Mrs. H. Robinson, 125 Marion Newell, $3.00 per 100. Cash with order. W. C. Scovell, Malta, Ohio.

Strong, healthy chrysanthemum stock plants. T. Eaton, Bonnaffon, R. Halliday, Whilldin, Appleton, M. Bailey, G. Pacific, Cremo, 50c doz.; $3.00 per 100. Cash with order, please.
Green & Baylis, West Grove, Pa.

Stock mums, $2.75 per 100, cash. Eaton, Dr. Enguehard, Jerome Jones, Helen Frick, Col. Appleton, Major Bonnaffon and Wm. Duckham.
Ernsberger Bros., Decatur, Ind.

Chrysanthemum stock plants. The Queen, a fine, early white, will bloom Oct. 15, $5.00 per 100. Also several other good kinds.
Jas. Hain, 2250 W. 51st Pl., Chicago.

Chrysanthemum stock. Pink Ivory, Enguehard, Bonnaffon, $2.50 100; $20.00 per 1000; 1000 in the 3 varieties, $20.00.
Ley & Bickings, Good Hope, D. C.

Chrysanthemum stock plants. Wm. Duckham, Enguehard, Silver Wedding, Jones, Marie Liger, Appleton, Ivory, 50c per doz.
J. T. Goodlive, Zanesville, O.

Stock plants from bench, Clementine Touset, Jeanne Nonin, W. H. Chadwick, Golden Chadwick, $6.00 per 100.
F. R. Hills, 1000 N. 8th Ave., Maywood, Ill.

Chrysanthemum stock plants. White Ivory, white and yellow Bonnaffon, $3.00 per 100. Cash with order.
H. K. Lewis, Collingdale, Pa.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

10,000 fine White Ivory chrysanthemum clump plants for sale, $4.00 per 100; $35.00 per 1000. Cash with order. G. W. Renard, Avondale, Pa.

Chrysanthemum stock plants. List of standard varieties and prices are given in display adv. Eli Cross, Grand Rapids, Mich.

Chrysanthemum stock plants. 1000 Jeanne Nonin, finest late white, $7.00 per 100. Cash with order. Wm. Keir, Pikesville, Md.

Our new chrysanthemum list of novelties is ready. We should like to send you a copy.
The E. G. Hill Co., Richmond, Ind.

CHRYSANTHEMUMS—Continued.

Stock plants of Enguehard, Jones, Appleton, C. Touset, Alice Byron and Nonin, 75c doz.
McCaslin Bros., Zanesville, O.

Chrysanthemum stock plants. Leading varieties and prices are given in display adv.
S. N. Pentecost, 101st St., Cleveland, O.

Chrysanthemum stock plants, $4.00 and $6.00 100. See display adv. for varieties.
Crabb & Hunter Co., Grand Rapids, Mich.

Chrysanthemum stock plants. Display adv. gives varieties and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, best varieties, $1.00 per doz. Baur Floral Co., Erie, Pa.

Chrysanthemum stock plants, 75c doz.; $5.00 100. C. Humfeld, Clay Center, Kan.

Stock chrysanthemums, 75c doz., $5.00 100.
John Walker, Youngstown, Ohio.

CINERARIAS.

Cinerarias, finest strain from best English growers, 2-in., $1.50 per 100; 3-in., $3.00 per 100. E. Fryer, Johnstown, Pa.

Cinerarias, large-flowering, dwarf, for Easter bloom, 2-in., $1.50 per 100.
J. W. Miller, Carlisle, Pa.

Giant cinerarias, Benary's, 2¼-in., $2.50 100. Cash. Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias. Columbian mixture, strong, 2-in., 2c. Stover Floral Co., Grandville, Mich.

Cinerarias, prize strain, 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cinerarias. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

CLEMATIS.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

Large-flowered clematis, 18c.
W. H. Salter, Rochester, N. Y.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, fine varieties, 2c. R. C., 60c; mail, 70c 100. A. J. Baldwin, Newark, O.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

CROTONS.

Crotons, 3-in., $5.00 100.
Springfield Floral Co., Springfield, O.

CYCAS.

Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

CYCLAMEN.

Cyclamen giganteum, separate colors, well grown, 3½-in., $10.00; 4-in., $15.00 per 100. Cash, please. Hugo Book, Worcester, Mass.

Cyclamen showing bud, 3-in., $5.00 per 100. 300 for $10.00; 4-in., $8.00; 5-in., $15.00 per 100. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

10,000 Dahlia A. D. Livoni, the best forcer; just the thing to fill mum benches. Large divided field clumps, $4.00 per 100. Also other kinds. Cash.
H. W. Koerner, Sta. B, Milwaukee, Wis.

Dahlias, 85 varieties from 4c to 75c per clump; some very rare ones. Large undivided field clumps, pure and true to name.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias, named varieties, many rare. Send for list. Adams Supply Co., Lowell, Mass.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

DAISIES.

DAISIES, fine strong stock for Easter pot plants or spring-flowering. CASH PRICES.
Queen Alexandra, new white, 2x2½-in., $2.50 and $3.00 per 100.
Etoile d' Or, yellow, 2½-in., $2.50 per 100.
Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Daisies, best varieties. See display adv.
C. Eisele, 11th & Roy, Philadelphia.

Dbl. daisies, $2.50 1000. Cash.
Byer Bros., Chambersburg, Pa.

Yellow daisies, 4-in., 6c.
Rutledge Nurseries, Rutledge, Pa.

DECORATIVE PLANTS.

DECORATIVE PLANTS for the holidays. See Dreer's SPECIAL OFFER. It will interest you.
H. A. Dreer, Philadelphia, Pa.

DRACÆNAS.

400 Dracaena indivisa, strong, 4-in., pot-grown, 32 in. high, ready for 5-in.; $12.00 per 100. Cash with order.
F. E. Bauers, 89 Broadview Ave., Brooklyn, Sta., Cleveland, O.

Dracaena fragrans and indivisa. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Dracaena indivisa, strong, 3-in., $6.00; 4-in., $12.00 100; 6-in., 50c each.
John Walker, Youngstown, Ohio.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

FEVERFEW.

Feverfew Little Gem, rooted cuttings, $1.00 per 100; $8.00 per 1000.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

FERNS.

FERNS OUR SPECIALTY.
CIBOTIUM SCHIEDEI.
We have a grand stock of this magnificent tree fern in all sizes, 3-in. pots, $25.00; 4-in. pots, $45.00; 5-in. pots, $70.00 per 100 plants; 7-in. pots, $1.70 each; 8-in. pots, $2.50 each.
Assorted ferns from 2¼-in. pots, all the best market varieties, $3.00 per 100, $25.00 per 1000 plants; 4-in. pots, $12.00 per 100.
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By PETER HENDERSON. An illustrated guide to the successful propagation of florists' plants. A detailed account of the requisites to success and a clear explanation of imoroved methods. For the amateur and professional florist. 325 pages. Cloth. Postpaid. **$1.50**

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By L. H. BAILEY. In this work the author has compiled in handy form the cream of all the available information on the subject of forcing vegetables under glass. In addition to this, the experience of many practical growers in different localities is furnished. **$1.00**

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The Chrysanthemum.

By ARTHUR HERRINGTON, formerly president of Chrysanthemum Society of America. The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. **50 cents**

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The Water Garden.

By WILLIAM TRICKER. Embracing the construction of ponds, adapting natural streams, planting, hybridizing, seed saving, propagation, building an aquatic house, wintering, correct designing and planting of banks and margins, together with cultural directions for all ornamental aquatics. Profusely illustrated with nine plates, eighteen full page descriptive views, and numerous other sketches in the text. Large octavo. Cloth. **$3.00**

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By L. H. BAILEY. This is the first American work exclusively devoted to pruning. It differs from most other treatises on this subject in that the author takes particular pains to explain the principles of each operation in every detail. Specific advice is given on the pruning of the various kinds of fruits and ornamental trees, shrubs and hedges. Considerable space is devoted to the pruning and training of grape vines, both American and foreign. Cloth, 530 pages. Illustrated. **$1.50**

Insects and Insecticides.

By CLARENCE M. WEED, D. Sc. A practical manual concerning noxious insects and the methods of preventing their injuries. Profusely illustrated. A generally useful handbook on noxious insects. It covers the whole field of insect pests very thoroughly and is especially valuable for its complete and up-to-date methods of fighting insects. The work is intensely practical. All the important insect pests are described and remedies for them, and methods of preventing their injuries described in detail. Cloth. **$1.50**

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By PETER HENDERSON. This new edition comprises about 50 per cent more genera than the former one, and embraces the botanical name, derivation, natural order, etc., together with a short history of the different genera, concise instructions for their propagation and culture, and all the leading local or common English names, together with a comprehensive glossary of botanical and technical terms. Plain instructions are also given for the cultivation of the principal vegetables, fruits and flowers. Cloth. **$4.00**

Greenhouse Management.

By PROF. L. R. TAFT, of Michigan Agricultural College. A manual for florists and flower lovers on the forcing of flowers, vegetables and fruits in greenhouses, and the propagation and care of house plants. It treats of all the plants commonly cultivated by florists and amateurs, and explains in a thorough manner the methods that have been found most successful in growing them. Particular attention is paid to the growing of cut flowers, the growing of fruits under glass, etc. Of special value will be the directions for treating plants when attacked by insects and fungi. The preparation of the soil, the use of various manures, composts and fertilizers, watering, ventilating and heating receive careful and minute attention. Cloth. 400 pages. **$1.50**

Florists' Publishing Co.

520-545 Caxton Building

334 Dearborn St. CHICAGO

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.



Headquarters Building of a Portland Rose Farm.

PACIFIC COAST.

M. V. BROWN, Los Angeles, Cal., has sold his interest in the nursery business to M. L. Helsel and will start east in a few days to spend the winter.

ROSE GROWING IN OREGON.

Horticulture in Oregon is a vastly different proposition from the same vocation in the east. Climatic conditions are entirely at variance and the country is new, so that demand is just beginning to be felt in full force. Portland is known as the rose city of Oregon, but rose culture there is in the open, not under glass. The accompanying illustration shows a typical establishment, that of G. Indermuhle, located only two miles from the business center of the city. The headquarters building is a decidedly unpretentious affair viewed through eastern eyes, but it suffices for the conduct of a prosperous and constantly increasing business. The outdoor view shows the nursery stock, two acres being given to roses. In the foreground are the bush plants in a large number of varieties and in the background the climbing roses, and beyond that other lines of decorative stock. The soil and climate are particularly adapted to roses and in the five years since he began to clear this land Mr. Indermuhle has been making steady progress.

SAN FRANCISCO.

The Market.

We have had a touch of colder weather for the last week and flowers are in shorter supply in consequence. Business has been good since Thanksgiving and the prospects are favorable for its continuance. We are badly in need of rain, and until it arrives there will be little in the line of outside stock. Violets are even scarcer this week than they were last, and there is nothing that will make them plentiful unless it is a good downpour. Bulbous stock is likewise scarce, and for the same reason. Outside chrysanthemums are getting poorer in quality and beginning to show the results of the continued cold weather.

Inside stock with most of the growers is in good shape, and there is but little scarcity in either roses or carnations. The prices obtained, however, have had a decided upward tendency, especially for fancy stock. They are fully 50 per cent higher than those of two weeks ago, and I do not anticipate that they will get any cheaper for some time. Good adiantum and smilax are not so plentiful, and great quantities of wild ferns and other kinds of greens are being used instead. Valley, which has only been in light supply this season, is becoming much more in evidence, as some of our largest growers are commencing to cut heavily. Inside mums are almost out of season. A few good Mrs. Jerome Jones and Bonnaffons are being brought into town by the Japanese growers, but they are in short supply.

The indications for holiday trade are good. There is much inquiry from prospective buyers, and all the dealers anticipate a heavy rush in a couple of weeks.

Various Notes.

The retailers are making considerable complaint that the growers have been shipping too many flowers to out-of-town customers, so that they have not been able to get sufficient stock to fill orders. The growers maintain that they have been forced to dispose of a majority of their stock in the country all summer and autumn and they will hereafter turn quite as much attention to interior dealers as to the florists in the city. One of the largest growers in California, situated within a few miles of San Francisco, has not sold a blossom in this town since the fire, whereas, before that eventful time, he did no shipping whatever. The fact of the matter is that the growers did not realize what a big field there was until a demand was created in our nearby towns, and this accounts for the attention shipping orders now receive.

The Holland Nursery Co., of Elmhurst, is in with a heavy crop of valley. This firm makes a specialty of this article and has success invariably with it.

The coming fiesta in Oakland has had the effect of a great many orders for garlands and other decorations being placed with the florists.

Domoto Bros. are receiving large consignments of Japanese stock on every steamer. They report trade in that line good.

James Skinner is offering to the trade a lot of mammoth kentia palms just received from Belgium. They arrived in splendid condition.

Charles Carpenter has left on a week's duck hunting. G.

PORTLAND, ORE.

The Market.

Trade has been running at a good brisk gait and everybody is wearing a satisfied smile. Another cause for gratification is the excellent quality of everything coming into the market. This last remark we intend as a bouquet for the growers, who certainly are making great advance in their respective lines. There are none too many carnations and violets, the last named tempting more customers than any other flower. The rose supply is ample and the color grand. It has been said that good roses could not



Rose Farm of G. Indermuhle, Portland, Ore.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $2.00 per 100.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

The following from 2-inch at $2 00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).

Smilax, 2½-in., $2.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ½ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ½ oz., $2.50; oz., $15.00. Cash please.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

be grown in Portland during the rainy season, but this is the twentieth century.

Chrysanthemums have held the lofty position to which they are entitled and their value in dollars has not diminished. The fine blooms of Timothy Eaton and Col. Appleton seen at Clarke Bros.' store were unanimously given the blue ribbon by all the florists. This firm were fortunate in having a big supply of these for Thanksgiving trade, which was the best on record. Perfect weather and the great annual football event created a demand that cleaned us out at four o'clock, when we were ready to go home and do justice to the turkey. On Friday, November 30, the Evening Telegram published a vivid account of the enormous business done and cartooned us as on our way to the bank with the proceeds.

Various Notes.

Two weeks ago we were given a surprise by the information that the long established firm of Martin & Forbes had dissolved partnership by mutual consent, Mr. Forbes retiring. By close application and industry these young men have built up a profitable business, and Mr. Forbes' name may now be listed among those of the Portland capitalists. After a few weeks' rest in California he will return either to open a bank or finance one of our new railroads!

We had the pleasure last week of meeting Mr. Phillips, of the Phillips Floral Co., of Walla Walla, Wash., who was here calling on the craft and incidentally making arrangements for the publication of his latest book of poems. Mr. Phillips is optimistic in regard to trade in his locality and is preparing to add 20,000 feet more glass to his range.

Regular visitors from up the Willamette valley are, Tony Le Grande and Julius Broetje, of Milwaukee, bringing miscellaneous stuff; Charlie Street, of Clackamas, who is having his usual success with violets and, we may add, greater success with roses than heretofore, cutting some fine Brides, Maids and Richmonds; and Sam Roake, of Oregon City, popularly known as the green goods man, on whom we largely depend for our supply of common ferns and Oregon grape.

H. J. M.

SANTA ROSA, CAL.

A number of nurserymen from Oregon and Washington visited Santa Rosa December 3, coming to see Luther Burbank and to visit the celebrated Vroman walnut orchard. The nuts from this famous orchard have all been sold to the Oregon nurserymen. The visitors were entertained by the Chamber of Commerce. President Moody, of the Chamber of Commerce, and Luther Burbank made addresses of welcome, which were responded to by A. McGill, of Salem, for the Oregonians, and by C. A. Tonneson, of Tacoma, for the Washingtonians.

Field-Grown ROSES

On own roots, nice stock at $50.00 per 1000

RARE OPPORTUNITY

Some of the good ones you can get:

Bessie Brown	JACQUEMINOT	WHITE COCHET
Bride	Gruss an Teplitz	M. P. Wilder
Bridesmaid	Jubilee	Paul Neyron
Clio	Kaiserin	P. C. de Rohan
Crimson Rambler	MAMAN COCHET	Pres. Carnot
	Ulrich Brunner	

Send for price list, general assortment.

California Rose Company
POMONA, CAL.

Mention The Review when you write.

WELL ROOTED CARNATION CUTTINGS

SPECIAL—Are you going to plant **Enchantress** heavily this season? We are prepared to supply an almost unlimited demand. 50,000 well rooted cuttings ready now at $1.60 per 100; $15.00 per 1000.

	Per 100	Per 1000
WHITE		
White Lawson	$2.00	$15.00
Gov. Wolcott	1.40	10.00
Flora Hill	1.40	10.00
Queen Louise	1.20	10.00
SCARLET—Estelle	1.60	15.00
G. H. Crane	1.40	10.00
America	1.40	10.00
Red Lawson	1.60	12.50
YELLOW—Eldorado	1.40	10.00
PINK—Hannah Hobart (novelty 1906, Sievers)	$7.50	$60.00
Mrs. Lawson	1.40	10.00
G. Lord	1.40	10.00
Argyle	1.20	
Mrs. Joost	1.20	10.00
CRIMSON—Harlowarden	1.40	12.50
Gov. Roosevelt	1.40	12.50
VARIEGATED Lawson	1.60	15.00
Prosperity	1.40	12.50
Gaiety	1.20	10.00

Ready to ship at once. Cash with special discount of 5 per cent or C. O. D. privilege examination. Money back guarantee. We pay return charges on all shipments arriving in an unsatisfactory condition if returned at once. Express charges paid by us on all orders. No disease of any description. Unrooted cuttings half price.
25 cuttings at 100 rate; 200 at 1000 rate.

LOOMIS FLORAL CO., LOCK BOX 153, Loomis, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

EUCALYPTUS FOR TIES.

An article in a recent number of the Review contained a statement regarding the lasting qualities of the eucalyptus. I wish to know from what authority the statement was obtained. I desire to invest a portion of my salary in land for the purpose of growing timber, ties, poles and firewood. Do Eucalyptus rostrata and Eucalyptus crebra crack in drying?

C. A. M.

The fact that owing to the enormous consumption of wood in the western country and that railroad building is but yet in its incipiency and the required material getting scarcer each year has been called to the attention of those interested in a forcible manner. In consequence, considerable experimenting has been done at various places regarding the adaptability of several varieties of eucalyptus to the climatic conditions.

The ironbark and red gums have been used for years in Australia, both for telegraph poles and railroad ties, so that there was no risk whatever in using the wood for that purpose. In fact there is little else used for that purpose in that country in sections where the trees are to be had. This will dispose of the question as to its adaptability, and that there will be a tremendous demand for this

500,000 ROOTED CARNATION CUTTINGS

For immediate shipment, with more coming.

Place your order NOW for December-January delivery.

HANNAH HOBART, BEST DARK PINK on the market; **JNO. H. SIEVERS & CO., 1906,**

January delivery, $7.50 per 100; $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....

	Per 100	Per 1000
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

200 cuttings or more at 1000 rate. 5 per cent off for cash or will ship C. O. D. if preferred.
Express charges prepaid by us on all cutting orders. SATISFACTION GUARANTEED.

What is the matter with California Carnation Cuttings?

WEST END, N. J., January 11, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — Accept thanks for generous treatment. Plants arrived yesterday in perfect condition and are the hardiest, healthiest grown carnation cuttings I have seen for years. You certainly know how to pack long distance shipments.

Yours very truly, W. G. EISELE.

LAFAYETTE, COLO., February 19, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Dear Sirs: — We wish to thank you for the fine lot of cuttings shipped us. They arrived in better shape and have taken hold better than any lot of cuttings we have ever received. * * * *

Very truly, CANNON FLORAL AND SEED CO.

MILLBRAE, CAL., November 28, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — The cuttings you shipped me were received some time ago. They were fine stock and arrived in excellent condition.

BAY SHORE NURSERY CO.
L. NELSON, Mgr.

STATE AGRICULTURAL COLLEGE.
CORNVALLIS, ORE., December 1, 1906.

LOOMIS CARNATION CO., Loomis. Cal.

Gentlemen: — Carnation cuttings came to hand in good order. I am pleased to receive such strong young stock. Not a faulty plant among the lot. * * * Yours very truly,

STATE AGRICULTURAL COLLEGE,
Per GEO. COOTE, Florist.

Loomis Carnation Co., Loomis, Cal.

ROSE MISS KATE MOULTON

With us is splendid in growth, flower, foliage, productiveness. We will book orders in rotation for early spring delivery from 2½ and 3-inch pots. **Prices, $12.00 per 100; $50.00 per 500; $100.00 per 1000.** Our propagating capacity is limited. Apply early if you want healthy, well grown stock.

THE SIBSON ROSE NURSERIES, CUT FLOWER DEPARTMENT
1180 MILWAUKEE AVE., PORTLAND, ORE.

CARNATIONS

250,000 healthy, well rooted Cuttings of choice and standard varieties, as follows: Hannah Hobart, Enchantress; Red, White, Pink and Variegated Lawson; Estelle, Mrs. Joost, G. H. Crane, America, Eldorado, Harlowarden, Gov. Wolcott, Queen Louise, Flora Hill, Governor Roosevelt, Richmond Gem, Genevieve Lord, Argyle and Gaiety. Write for price list, terms, etc to

THE HERMITAGE CARNATION CO., D. F. Roddan, Prop., LOOMIS, CAL.

timber, no one who has followed the gradual upward climb of the raw material can doubt. Lumber at the present time is forty per cent higher than it was two years ago. By this I mean ordinary redwood and pine. The former is the material used here for railroad work.

The Santa Fe railroad has wisely noted all of these facts, and the next proposition to face was to find a suitable location where the propagation could be carried on advantageously. There are plenty of places along the coast, in fact there are but few locations that either of the varieties of eucalyptus mentioned will not succeed. They want primarily the coast breezes and a fairly well sheltered situation. In the hot interior valleys they do not succeed so well. Provision must be made for their care for one year in flats, and after that for another season in the ground, before they can be said to be able to look out for themselves. They can be grown up to 1,000 trees to the acre with plenty of room to get between them, and the timber cut will be all the better in consequence.

Regarding the cracking of either the E. crebra and E. rostrata, there is little trouble with medium sized growths, especially if they are allowed to dry in the forest before they are hauled out in the sun. This is the modus operandi used where particular results are wanted, but there seems to be but little trouble on that score.

The length of time that these varieties will last under ground depends, as it does in the redwood, upon the condition of the soil and the wear and tear to which they are subjected. They seem to fill the bill perfectly, however, and if the Santa Fe railroad has discovered it profitable to engage in growing railroad ties, it seems very plausible that any one else may have as good success. G.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

EUPHORBIA.

Will you tell me whether there are any white poinsettias grown in California, and are all euphorbias poinsettias?

L. v. d. L.

The only variety of euphorbia called poinsettia is the well-known Euphorbia cherrima, a native of Mexico, hardy in southern California and the most valuable member of the family of Euphorbiaceae. None of the poinsettias are white, but other members of this extensive genus are white flowered and of considerable value medicinally and to the plantsman. The various kinds of spurge, wild ipecac, crotons, alcalphas and castor oil are all included. I have had considerable success with Euphorbia fulgens, which makes a good garden shrub, also the well-known Euphorbia splendens, either as a rock plant or grown as a pot plant; but the first named and most widely known has proven itself to be indispensable to the florist. G.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

IRVING ROUSE, of Rochester, is en route home from a tour of English and Continental nurseries.

C. N. OLSTON, Brookings, S. D., has organized the Sioux Valley Nursery Co. A range of greenhouses is planned.

J. H. M. EDWARDS, a nurseryman of Logan, Ia., was a witness December 5 in the Nebraska land fraud cases on trial at Omaha.

GEORGE R. MOORE, president of the Chautauqua & Erie Grape Co., and of the village of Fredonia, N. Y., died December 2, aged 55 years.

THE storage house of the Ohio Nursery Co., Elyria, O., was pretty thoroughly demolished by the explosion of nine sticks of dynamite December 3.

THE big general mail order house of Montgomery Ward & Co., Chicago, shortly will be a considerable factor in the catalogue mail trade in nursery stock.

LAST week and this nearly every one of the state and local horticultural societies have held their winter meetings, and nurserymen have been active participants.

WITH the price of every other article higher than it has been in years, there is no good reason why the nurserymen should not realize better returns in the spring of 1907.

THE R. G. Chase Co. has removed its Philadelphia office to the headquarters at Geneva, N. Y. The management now is in the hands of G. M. Chase. H. M. Chase no longer is connected with the company.

THE Western Association of Nurserymen holds its semi-annual meeting at Kansas City next week, December 18 and 19. A larger attendance than usual is expected. Peter Youngers, Lincoln, Neb., is president.

A JURY at Geneva, N. Y., spent a day on a suit of the Western New York Nursery Co., J. E. Dale, proprietor, against Rice Bros., of Geneva, involving the value of 300 ¾-inch cherry trees, and rendered a judgment for $4.50.

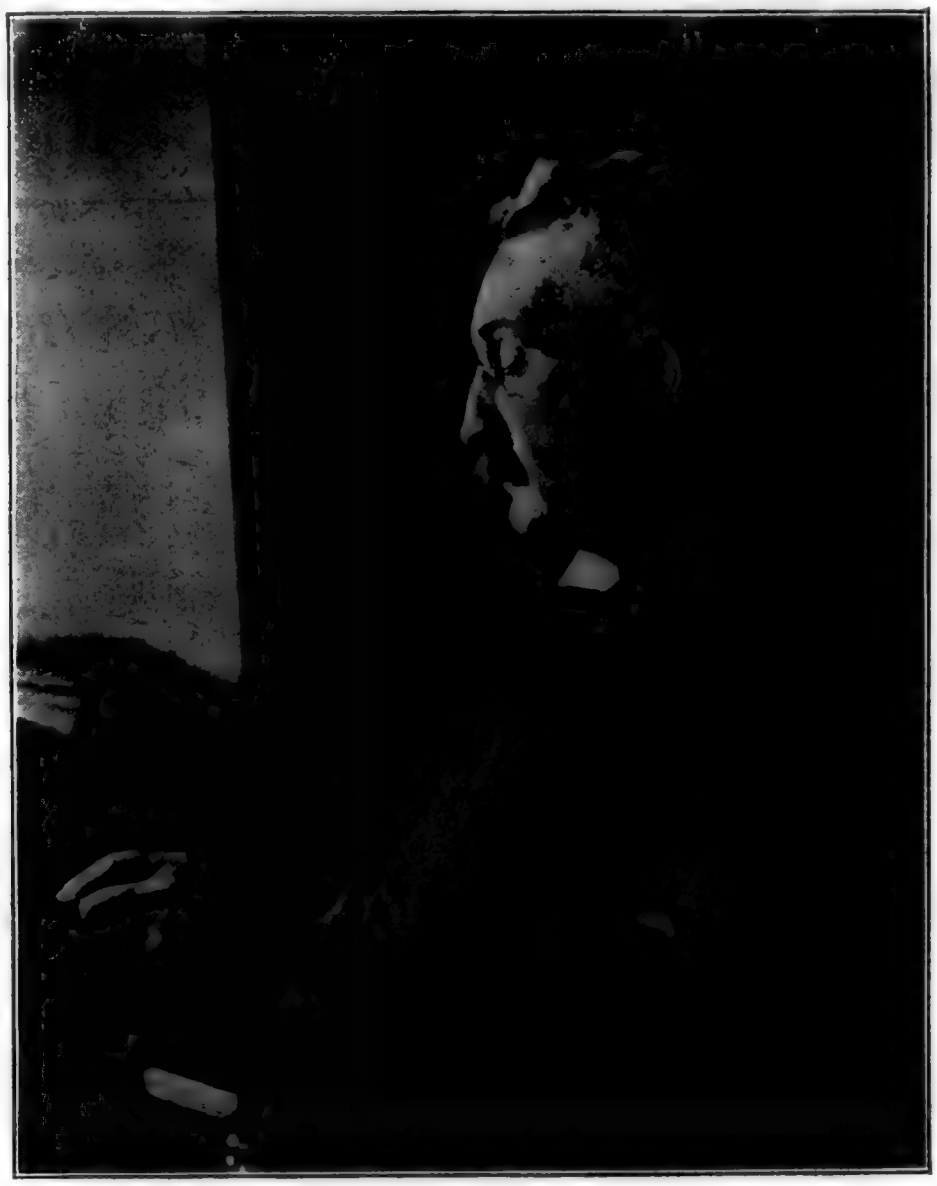
THE fall season has only just closed in a number of localities and the aggregate of business done is in most instances well ahead of the best previous year; indeed, the deliveries by wholesale nurserymen as a rule are much the largest on record.

THE nurserymen of Utah, at their recent meeting at Salt Lake City, held a conference with the horticultural board and will organize at a meeting next month for the purpose of urging the state legislature to pass a bill licensing all nurserymen.

NURSERYMEN as a body have failed to appreciate the benefit to be derived by the whole trade from the press bureau of the National Council of Horticulture, which is shortly to begin its second season's work. The council has the confidence of editors as have few publicity organizations, for its literary offerings are of the safe and sane variety. The A. A. N. should get its help in countering the work of seedless apple propaganda.

THE Michigan peach growers who lost in the October freeze are a considerable factor in the market. Some of them require many thousands of trees for replanting.

"STUDY the classification tables and watch the freight bills; it will save you money."—EMERY ALBERTSON, special agent of the American Association of Nurserymen.



John T. Lovett.

JOHN T. LOVETT.

John T. Lovett, of Little Silver, N. J., has been a factor in nurserydom in this country for over thirty years. His star is in the ascendant; he has triumphed over all misfortunes and obstacles. He will accomplish much in the future as the result of his persistency and courage. Walter Scott, at Abbottsford, would know just how to appreciate the conflict that has ended in success.

Mr. Lovett has over 200 acres devoted exclusively to nursery stock in great variety, except fruit trees, which have been eliminated that entire attention may be

WATERPROOF SHIPPING TABS AND PAPER TREE LABELS
FOR FLORISTS AND NURSERYMEN
Write for samples and prices and let us demonstrate our ability to save you money.
THE DENNEY TAG CO., -- WEST CHESTER, PA.
Mention The Review when you write.

BOXWOOD, By The Carload
2½-ft. Bushes, 75c each; 5½-ft. Pyramids, $6.00 each.
Every plant a specimen. Other sizes at proportionate prices.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Hedge Plants
W. & T. SMITH COMPANY
GENEVA. N. Y.
Wholesale Nurserymen
Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.
61 Years. Send for our Wholesale Price List. 600 Acres.
Mention The Review when you write.

given to ornamentals. But an exception will be made in behalf of his first love, small fruit culture: currants, raspberries, blackberries, gooseberries and strawberries. Of the latter over a million plants are disposed of annually.

His range of glass is used exclusively for the propagating of herbaceous stock, of which his list shows over 1,000 varities. His specialties include over 150 varieties of phlox, forty varieties of Japanese iris, fifty varieties of peonies, and dahlias and cannas in abundance. His brother-in-law, through whom the Japanese selections were made, is Prof. C. C. Georgeson, now in charge of the U. S. government's agricultural experimental work in Alaska.

Mr. Lovett was the first nurseryman to introduce the California privet as a hedge plant, away back in 1873. He carries a stock of over a quarter of a million plants, one customer recently taking 120,000. He has just added thirty acres to his nursery and has twenty-five more ready for purchase.

His fruit farm at Clover Hill, Red Bank, five miles from Little Silver, has 166 acres in choice fruit, including 7,000 peach trees, 200 apples, 1,200 pears, 1,000 plums, 1,000 cherries and 1,000 chestnuts. Here, too, some of the finest poultry of all kinds are to be seen, squab, fancy fowls and turkeys being made a specialty, with experts in charge.

Mr. Lovett has a large family of boys and girls, most of whom are still at college or in art schools. His eldest son, Lester, is associated with him in the business. He is an able lieutenant, a fine manager and salesman, a member of the S. A. F. and of the New York Florists' Club. J. AUSTIN SHAW.

IRA E. RANDALL, of Houghton, Mich., will establish a nursery on one of his Houghton county farms. Work will begin next spring.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

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TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., **Chicago**

Mention The Review when you write.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet....$10.00 per 100
" " strong, No. 2. 6.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

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LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

The Two Best Evergreen Trees

are Colorado Blue Spruce (Picea pungens glauca)

and Berckman's Golden Arbor-Vitae (Biota aurea nana)

Both are not only beautiful in habit, extremely rich in color but both are also of iron clad hardiness—being among the few Evergreens that will endure salt air and succeed near the coast.

		Per 10	Per 100
ABIES PUNGENS GLAUCA,	2-2½ ft.	$15.00	$125.00
" " "	2½-3 ft.	20.00	150.00
" " "	3-3½ ft.	25.00	200.00
" " "	3½-4 ft.	30.00	250.00
ABIES PUNGENS, green foliage,	2½-3 ft.	3.00	25.00
" " " "	3-3½ ft.	4.00	35.00
" " " "	3½-4 ft.	5.00	40.00
" " " "	4-5 ft, specimens	10.00	
" " " "	5-6 ft., "	15.00	
BIOTA AUREA NANA,	10-12 in.	2.00	15.00
" " "	12-15 in., compact	2.50	25.00
" " "	15-18 in., "	3.50	30.00
" " "	18-20 in., "	5.00	40.00
" " "	20-24 in., "	6.00	50.00

Packed free for cash with order.

J. T. LOVETT, LITTLE SILVER, N. J.

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MANETTI STOCKS

Especially for Florists' Use. BEST FRENCH GROWN.

Grafting size, 3 to 5 m-m., per 1000.....$7.00; per 10,000.....$65.00.
First size, 5 to 10 m-m., per 1000..... 9.00; per 10,000..... 80.00.

Newark prices. **DUTY PAID.** For prompt delivery order NOW and avoid disappointment.

ROSES, two years, field-grown, well-rooted.

DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00

Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc.

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

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SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Large Privet

from 2 feet to 8 feet. Prices on application.

CREEPING OR TRAILING ROSES. Write for wholesale list.

ELIZABETH NURSERY CO., Elizabeth, N. J.

EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited

THE WM H. MOON CO., MORRISVILLE, PA.

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Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand.,
Honeysuckles and other Shrubbery.

AT A BARGAIN

Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

Baby Rambler

IN BUD AND BLOOM.
4-inch pots, 20c—quick shipment.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Field-Grown ROSES

1½ to 4 ft. high, 90 varieties, $8.00 per 100.

CRIMSON RAMBLER

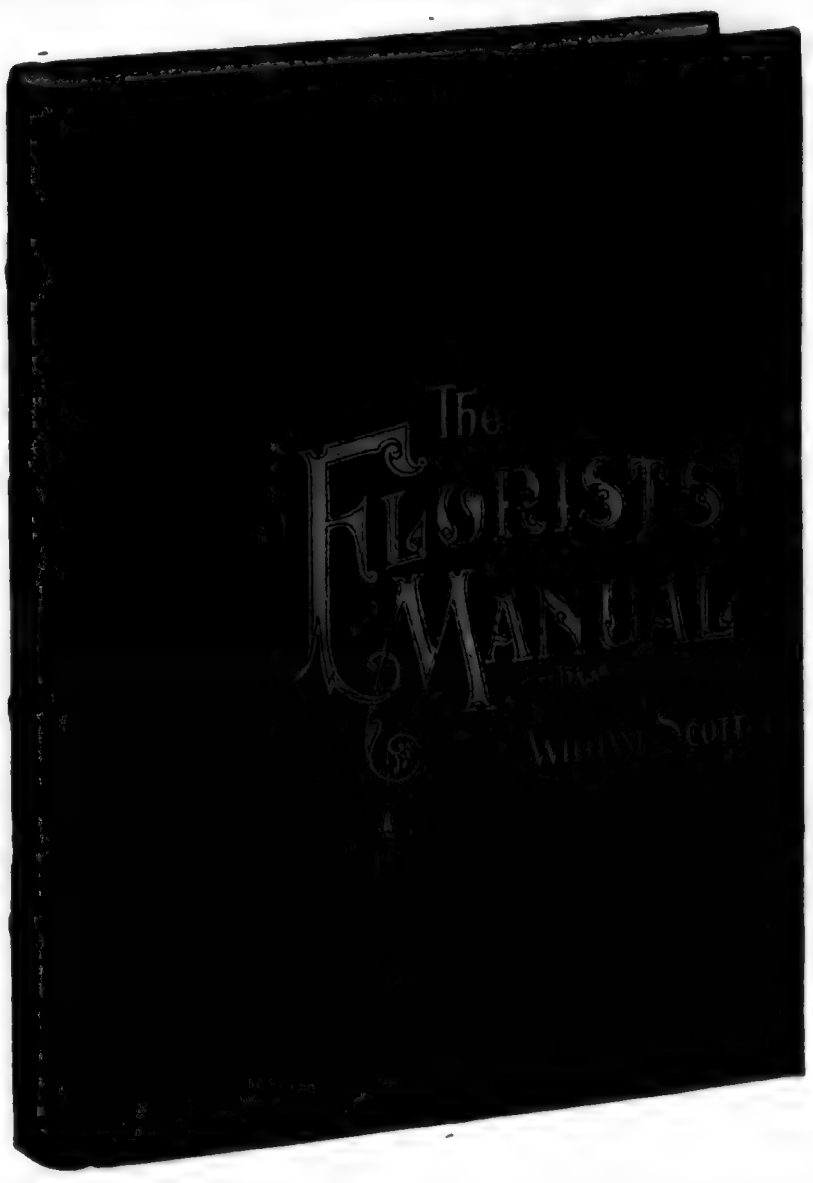
1 and 2 years, 1½ to 4 ft., $3.00 to $5.00 per 100.

WM. K. NELSON, Augusta, Ga.

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CHRISTMAS GIFT



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The Florists' Manual

a Business Book For Business Men

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Just the thing for a gift for your employees or friends in the trade

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With a letter telling that the book is sent with your best wishes.

"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."—J. A. VALENTINE, Pres. Park Floral Co., Denver, Colo.

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

TELLS you just what you want to know about every plant that there is any money in for a Commercial Florist.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

PRICE, $5.00, PREPAID BY EXPRESS OR MAIL

FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn Street, **CHICAGO**

Kill Your Scale

If you want to kill Scale on your plants
Absolutely, there is only one preparation

WILSON'S PLANT OIL

Take a can of this preparation. dilute to four times its bulk with water, and wash or spray your palms, ferns, aspidistras, smilax or any plants subject to bugs or vermin and **your plants will be clean. No alkali. Nothing deleterious. Dries at once.**

READ WHAT OTHERS SAY OF IT:

RUTHERFORD, N. J., June 28, 1906.

We have thoroughly tried your Plant Oil with very striking results. We may say this is the first insecticide we have tried on our palms that will remove the scale with the first application. We would like to say this is one of the few things that the florists cannot afford to be without, especially those who are growing palms and decorative plants. After one application of the Oil the plants take on an entirely new appearance. We would be pleased to have prospective buyers visit our nurseries and inspect the palms on which we have used your oil.

BOBBINK & ATKINS.

NEW YORK BOTANICAL GARDEN, Bronx Park, New York City, September 5, 1906.

MR. ANDREW WILSON—Having used your insecticide here, I can testify to its efficiency in destroying scale and other insects infesting plants.

Yours very truly, GEO. A. SKENE.

FLORHAM FARMS, MADISON, N. J., December 8, 1906.

MR. ANDREW WILSON: Dear Sir—Your plant Oil is certainly the most effective scale killer I have ever tried. Please send another five gallons.

Yours truly, A. HERRINGTON.

PRICES: ½ pint cans, 25c; pints, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.

ANDREW WILSON, Dept. 5, SUMMIT, N. J.
or HENRY A. DREER, Inc., PHILADELPHIA

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ORDERS BOOKED NOW FOR

Rooted Cuttings of Carnations

	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00

January, 1907, delivery.

W. B. GIRVIN, – – Leola, Pa.

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John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa.**

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CARNATIONS, Strong, healthy, rooted cuttings

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$20.00
Cardinal	30.00	Mrs. Lawson	15 00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

HENRY BAER, R. F. D. 3, Peoria, Ill.

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ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig (best red), Nelson Fisher (best dark pink), M. A. Patten, Lady Bountiful, Queen. Orders taken now will be ready for Jan., 1907, delivery. Write for prices.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

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FLOWERING ROOTS WANTED.

I shall be pleased to receive lowest prices for cash, free on board, on the following roots, for immediate delivery. True to name.

1,000 Peonies, 6 market varieties.

20,000 Daffodils and Narcissi Emperor, Empress, Phoenix, Horsfieldii, Sir Watkin, Golden Spur, Orange Phoenix, Soliel D'Or, Poeticus, Alba Pleno, Sicily White, etc, Each variety, per 1000.

20,000 Single Tulips, including Pottebakkers, Parrots and Cottage Garden Tulips.

100 Tritomas. 500 Coreopsis grandiflora.

500 Gaillardia grandiflora. **200 Hardy Phlox,** 12 varieties. **10,000 Gladioli,** market varieties. **5000 one-year Oval Privets. 5000 Roses,** 1-year, 25 best varieties. **1000 Shasta Daisies. 100 Hydrangea** G. P., 1-year. **200 Achillea Pearl. 1000 Violets,** Princess of Wales and Marie Louise. **200 Delphiniums,** 6 varieties. **500 Rhubarb,** Linneaus and Victoria. **500 Iris,** English and Japanese. **500 Ivy,** English. **500 Berberis** Thunbergii, 2-year.

Samples of Bulbs necessary.

C. ADAMS,
FLORIST,
199 Adams St., Memphis, Tenn.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA
674 W. Foster Avenue. CHICAGO

Unrooted Carnation Cuttings

Enchantress, Pink and White Lawson and New Daybreak, plants of which are in the best of perfect health, and none can surpass them, $6.00 per 1000.

C. WHITTON, City St., UTICA, N. Y.

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...Wholesale Trade List...

Asparagus Plumosus, 2¼-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
New Daisy Queen Alexandra, 2-in. pots, $3.00 per 100.
New Daisy Queen Alexandra, 3-in. pots, $5.00 per 100.
Yellow Daisy Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $3.00 doz.
Ferns for dishes, fine assortment, 2-in. pots, $3.00 per 100.
Boston Ferns, strong, 6-in. pots, $3.00 per doz.
Geranium stock plants: La Favorite, Telegraph; John Doyle, Queen of the West, S. A. Nutt, $1.00 per doz.
Hydrangeas Thos. Hogg, 10 to 12 flowering branches, $10.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
ROOTED CUTTINGS — Single and double Fuchsias, 4 varieties; dark blue heliotrope, $1.00 per 100, free by mail. Coleus, Verschaffeltii, Golden Bedder, Queen Victoria and other showy varieties; Salvia Bonfire, free by mail, 75c per 100. Alternantheras, best brilliant red and yellow, 50c per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

ROOTED CARNATION CUTTINGS

	100	1000
White Perfection	$6.00	$50.00
Lady Bountiful	3.00	25.00
Vesper	2.00	18.00
Boston Market	1.50	12.50
Flora Hill	1.00	9.00
Fred Burki	2.50	
Cardinal	4.00	35.00
Estelle	2.00	15.00
Flamingo	2.00	15.00
Crane	2.00	15.00
P. Lawson	1.50	12.50
Joost	1.00	9.00
Eclipse	2.50	
Enchantress	2.00	15.00
Prosperity	1.75	12.50
Aureola	2.50	20.00

CHAS. DAUERNHEIM, Jr.
KIMMSWICK, MO.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

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TWIN CITIES.

The Market.

Business the last week has been only fair. On account of Christmas being so near it has dropped off to some extent. Cut flower buyers are eidently busy with their Christmas shopping, and the florists cannot expect any particular rush until Christmas week.

Considerable holly and green are being handled in a wholesale way. The commission houses are doing quite a heavy holly business on account of the close prices they are quoting. Some nice holly was seen by the writer quoted at $3.75 per case, while the larger trade dealers are asking $4.75 and $5 per case. There is a vast difference in the quality, however. But the merchants seem to favor the commission houses, no doubt on account of the price. There is an exceptionally heavy demand for lycopodium and fair prices are obtained for it. From present prospects the shortage in this section is not so great as was at first anticipated. A great deal is being sold at $6.50 and $7 per crate. The orders from country points have started out quite strongly. The larger dealers each have from thirty to sixty girls busy making wreathing, which sells well at $4.75 and $5 per hundred yards. Christmas trees are arriving in carload lots, and the prominent vacant lots are beginning to fill up.

St. Paul.

The Swanson Floral Co. in future will be conducted by Gust A. Colberg and Alfred Lemke, Mr. Lemke having purchased Mr. Swanson's interest in the business. Mr. Colberg has just returned from Chicago, where he has been in search of Christmas novelties.

C. F. Vogt has been especially busy the last week making green and holly wreaths for the Christmas trade, which is heavy, especially on all green goods.

The Ramaley Floral Exchange has received a large consignment of Christmas trees which they will sell at retail only.

H. Krinke says trade has been fair and is making preparations for a large Christmas business.

L. L. May & Co. have a large force of girls making up wreathing. They handle a large quantity of green goods, supplying a large number of florists throughout the northwest. Felix.

Delphi, Ind. — Mrs. R. L. Higginbotham has discontinued business. There is a good opening in the town.

Williamsburg, Pa.—Walter S. Hood is the inventor of a new trellis which can be folded up or laid in a horizontal position without injuring the vine or plant entwined therein. It also combines a sprinkler and is so constructed that it can be readily moved from one place to another.

Pink Sport of Enchantress

Color, Rose Pink. Habit, identical with Enchantress. Pink Sport of Enchantress will make a very desirable addition to your list of Carnations.

Rooted Cuttings.....$6.00 per 100; $50.00 per 1000.

——Send orders to——

HOLTON & HUNKEL CO., Milwaukee, Wis.

Or to the Originator and Grower..... **E. H. Blameuser, Niles Center, Ill.**

Mention The Review when you write.

Mr. Carnation Grower

These varieties are making money for us. They will make money for you.

	Per 100	Per 1000
Lawson. still THE bread winner	$1.25	$10.00
Enchantress	2.00	15.00
White Perfection	6.00	50.00
The Queen	2.00	15.00
Lady Bountiful	2.00	15.00
White Lawson	$2.50	$20.00
Prosperity	1.25	10.00
Robt. Craig, has all the reds beat on our place	6.00	50.00
Victory	6.00	50.00

Last, but not least, **MELODY** the original daybreak Lawson. Color, brighter than Enchantress, blooms just as well, sells just as well, ships better and lasts longer than that variety. $10.00 per 100; $75.00 per 1000.

Send your orders and get your cuttings when you want them. All our stock is in fine condition and **QUALITY IS OUR HOBBY.**

W. C. HILL FLORAL CO., STREATOR, ILL.

Mention The Review when you write.

Enchantress

Unquestionably the grandest carnation ever introduced. For the past three years, cut flowers from my stock have wholesaled at an average advance of $1.00 to $3.00 per 100 over regular market quotations for fancy stock, owing to enormous size, perfect form and brilliant coloring. Over 35,000 cuttings of this variety sold last season with absolute satisfaction.

Orders booked now for December and later delivery. I guarantee my customers strong, healthy, thoroughly rooted cuttings; liberal count, careful packing, prompt shipment and the finest stock they ever saw. **$2.00 per 100; $18.00 per 1000.**

Price list of other varieties free.

SUNNYCREST GREENHOUSES

"Where the Carnations Grow." PHENIX, R. I.

ABUNDANCE

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices—$5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

Great Neck, L. I., N. Y.

A SAFE INVESTMENT

CARNATION HELEN GODDARD

Is filling all the claims of its introducers. A money-maker for all who plant it. Our stock is in excellent condition and only strictly A-1 cuttings will be sent out. Rooted cuttings ready Jan. 1, **$50.00 per 1000.**

Write for prices on other standard sorts.

GEORGE E. BUXTON, NASHUA, N. H.

.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

824 No. 24th St., PHILADELPHIA, PA.

Mention The Review when you write.

Flowers from Christmas to Easter

AZALEAS



Our stock this season is handsomer than ever. Anybody in want of a quantity will do well to inspect our plants before placing their order. We have only popular American varieties: Schryveriana, Niobe, Paul Weber, Prof. Wolters, Raphael, Simon Mardner, Vervaeneana, Louis de Kerchove, Mme. Van der Cruyssen, Deutsche Perle, Dr. Moore, John Llewellyn, Mme. Cam Van Langenhove, Mme. Jos. Vervaene, Paul de Schryver, Memoire de l'Van Houtte, Sigismund Rucker.

Diam.	Doz.	100	Diam.	Doz.	100	Diam.	Doz.	100
8-10 in.	$3.50	$25.00	14-15 in.	$7.50	$60.00	18-20 in.	$25.00	$200.00
10-12 in.	4.50	35.00	15-16 in.	9.00	75.00	20-24 in.	36.00	300.00
12-15 in.	6.00	45.00	16-18 in.	12.00	90.00			

Order now and save heavy express charges. Impossible to ship by freight in cold weather.

FORCING ROOTS AND POT-GROWN SHRUBS

	Per doz.	100	1000
SPIRAEA Japonica		$11.50	
Compacta		5.00	
Astilboides Floribunda		5.50	
Gladstone		10.00	
H. Witte (a great improvement over Astilboides Floribunda and one of the best; still better than the so-called Superba and Blondin)	$ 3.00	20.00	
Palmata, the best scarlet variety	2.00	15.00	
CONVALLARIA Polygonatum. Also called Giant Lily of the Valley. It has been forced quite extensively in England. We tried a few last year and they proved to be very handsome. Large crowns	1.50	12.00	
LILY OF THE VALLEY, Berlin and Hamburg Pips			$14.00
DIELYTRA Spectabilis, large clumps		6.00	
GLADIOLUS Colvilli rubra			6.50
The Bride			8.50
AMARYLLIS, New Hybrid, all flowering size bulbs, fine strain	6.00		
LILACS Charles X, Marie Legraye and Mme. Lemoine (double white)	9.00		
CYTISUS Laburnum (Golden Chain)	12.00		
DEUTZIA GRACILIS		12.00	
VIBURNUM Opulus, in bushy form	6.50		
In Standard form, very handsome	15.00		
STAPHYLEA Colchica	7.50		
WISTERIA, pot-grown	9.00		
ACER Negundo Variegata. This is the so-called variegated Ash-leaved Maple, extensively forced in England for church decorations on account of the beautiful silvery foliage when forced. Extra fine, strong plants, pot-grown	12.00		
ACER Polymorphum, dark foliaged varieties, pot-grown	18.00		

Japanese Maples forced make a very fine foliage effect.

	Per doz.	Per 100
CRATAEGUS, Paul's Scarlet (Double Scarlet Hawthorn), pot-grown	$15.00 to $20.00	
Also a few double white at same price.		
ROBINIA Hispida (Moss Locust Acacia), scarlet	12.00	
AZALEA Mollis	$4.00, $9.00,	12.00
Mollis chinensis		12.00
Mollis chinensis Anthony Koster		12.00
Rustica		12.00
Mollis, in standard form		12.00
AMYGDALUS Chinensis, double white and red flowering Almonds, pot-grown		9.00
CHIONANTHUS Virginica (White Fringe), pot-grown		9.00
DAPHNE Cneorum		6.00
KALMIA Latifolia, fine budded plants	$12.00 and	18.00
WEIGELIA Eva Rathke		9.00
SPIRAEA Antony Waterer		9.00
CERASUS Avium, double white Cherry		9.00
PRUNUS triloba, in standard form, very fine trees, well budded		12.00
ALMONDS, double flowering, in standard form		12.00
RIBES Sanguineum		9.00
CYDONIA Japonica		9.00
RHODODENDRONS, best forcing varieties, according to size	$9.00, $12.00, $18.00, $24.00 and	30.00
CRIMSON Ramblers, field-grown, extra strong plants	5.00	$25.00
Smaller plants	3.00	15.00
BABY Ramblers, extra fine plants, 4 and 5-inch pots	4.00	
Imported dormant plants	4.00	25.00
These are extra strong, bushy plants.		
H. P. ROSES, a quantity in the following varieties: Gen. Jacqueminot, Baroness Rothschild, Frau Karl Druschki, Duke of Edinburgh, Mrs. J. Laing, Paul Neyron, Mme. C. Luizet, Capt. Christy, Caroline Testout, Perle des Blanches, Ulrich Brunner, Magna Charta. Imported plants		12.00
ROSES, Standard Magna Charta	6.00	
These are specially selected for forcing purposes. While Standard Roses do not force very well, we had a quantity of these last year for Easter, and they made very handsome specimens.		
BABY Ramblers, Standard, very fine for forcing	18.00	

KENTIAS



We have an immense stock of **BELMOREANA** and **FORSTERIANA,** in all sizes from 15 inches to 15 feet. Our $1.00, $2.00, $3.00, $4.00 and $5.00 sizes, in single and made-up plants, are particularly handsome. We want the reader to see the stock we offer. Order by mail or call and select the plants you like the most.

ARAUCARIA EXCELSA, fine plants, at 50c, 75c, $1.00, $1.50, $2.00, $2.50 and $3.50 each. These are all perfect, and good value for the money.

ASPIDISTRA, Green and Variegated. In all sizes, $1.00, $2.00 and $3.00 each.

BOXWOOD, Pyramidal

These plants are conceded to be the finest ever imported to this country. (Exceptional value.)

2 ft. $0.75 each | 4 ft. $3.00 each
2½ ft. 1.00 each | 4½ ft. 4.00 each
3 ft. $1.50 each | 5 ft. $5.00 each
3½ ft. 2.00 each | 6 ft. 6.00 each

BUSH BOXWOOD, for window boxes, 25c, 35c and 50c.

BAY TREES. We have a large number in all sizes. Ask for prices.

We are pleased at all times to receive visitors at our nurseries. We have 100 acres planted with the most interesting nursery stock in the country.

SEE WHOLESALE CATALOGUE.

BOBBINK & ATKINS

Nurserymen and Florists **RUTHERFORD, N. J.**

FERNS

Fine, thickly grown stock

BOSTON. 2-inch, 2c; 2½-inch, 4c; 3-inch, 6c; 4-inch, 12c; 5 inch, 25c.
PIERSONI, 4-inch, 15c.
ELEGANTISSIMA. 2-inch, 5c; 2½-inch, 8c; 3-inch, 12c; 4-inch, 20c; 5-inch, 40c; 6-inch, 60c.

BATAVIA GREENHOUSES, Batavia, Ill.

Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

ROOTED CUTTINGS.

Begonia Vesuvius	$1.00 per 100.
Vinca (tips)	1.00 "
Alternantheras (red)	1.00 "
Salvia	1.00 "
Heliotrope	.60 "
Sweet Alyssum (double)	.60 "

F. P. SAWYER,
125 High Street, CLINTON, MASS.

Asparagus

Plumosus Nanus, 2-inch pots, per 100, $2.00.
Pansy Plants, large-flowering, $3.00 per 1000; 50c per 100.
Cannas, dry bulbs, 10 varieties, $3.00 per 100.

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

XMAS PRIMROSES!

FINEST STRAIN FRINGED CHINESE

In 4 and 5-in. pots, in flower and bud, in blue, white, rose, red and blush, just right, $15.00 and $20.00 per 100, cash. Say whether with or without pots. Shipped instantly.

Harlowarden Greenhouses, Greenport, N. Y.

Roses

For Spring Blooming The Proper Sorts

Gen. Jacq., Magna Charta, Crimson Rambler, etc. Strong, 2-year field grown plants, suitable for 5-inch pots, 7c. Extra strong for 7 or 8 inch, 12c. Crimson Rambler XXX, 20c. Deutzia Gracilis and Lemoinei, strong, 10c. Large-flowered Clematis, finest sorts, 18c. Peonies, Phlox, etc.

Packed free for cash.

W. H. SALTER, Rochester, N. Y.

KANSAS CITY.

The Market.

The market last week was good. Since chrysanthemums are almost gone, the demand for them seems to increase. Pink varieties have been especially scarce. Chrysanthemums have been used more this season for funeral work than during any previous year. Carnations are scarce. Narcissi, Roman hyacinths and stevia are coming in more plentifully, and they help out in making up funeral designs especially. Roses are of good quality and find ready sale. American Beauties are scarce and much higher in price. Deutsche Pearl azaleas are making their appearance. All of the early varieties are showing color and will no doubt be ready in time for Christmas.

Indications are that carnations will not be plentiful for the holidays; they will be a little late with most of the growers. Poinsettias will be more plentiful this year. Several of the growers are raising a good many, and they are looking fine.

Although it is a little late to report for Thanksgiving, we will say that the trade on that day was dull. It rained nearly all day; consequently few buyers came out. Had it not been for the good sales that were made the day before it would have been almost a failure. We noticed that potted plants were more in demand than in previous years.

Various Notes.

Edward Tonquest, who was in Colorado last summer for his health, spent a few weeks here with friends, but returned last week to Canyon City, Colo.

G. P. Kaupp, from Nevada, Mo., spent a few days visiting the craft here. He says that his carnations are looking fine. He rebuilt his whole plant and now has a fine set of new houses. He also grows some fine lettuce, besides geraniums, of which he ships a good many to neighboring towns. Mr. Kaupp has been quite successful, and he has the best wishes of all the florists.

Samuel Murray, the Lorraine begonia king, has a house of the finest Gloire de Lorraines in the city. Some are in 10 and 12-inch pots. This is certainly a sight worth seeing.

E. C. Keck, from Washington, Ia., was in this city last week, visiting. He grows quite a lot of carnations, and was also looking for a new market to ship them to. W. H. H.

SPECIAL

ARAUCARIA EXCELSA

The Favorite Christmas Plant

6-in. pots, 22 to 26 in. high, 4 to 5 tiers, $1.50 each.

Stahl's Greenhouses

12th & Dickinson Sts., Philadelphia, Pa.

Mention The Review when you write.

Our New Illustrated Descriptive

Geranium Catalogue

is one the most complete and handsomest that has ever been sent out. It contains descriptions of seventy-five of the best standard and newer sorts, and one hundred imported novelties from the best introductions in Europe. Sent free to the trade only. As we do a strictly wholesale business, please enclose business card.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.



DBL. PETUNIAS

Grand 2¼-inch stock—**Seafoam,** white; **Pink Beauty,** best pink; **Intensity,** var. white and crimson, $2.50 per 100.

HELIOTROPE

Best sorts in bud and bloom—**Czar,** dark; **Czarina,** light, **Picciola,** lavender; **Snow Wreath,** white, $2.50 per 100.

SALVIA

Strong 2¼-in.—**Rudolph Pfitzer, Glory of Stuttgart,** dwarf; **Gigantea,** tall; **Audubon,** variegated; $2.50 per 100.

AGERATUM Stella Gurney, strong, 2¼-inch, $2.00 per 100.

CANNAS at rediculous prices. **List free.**

NATHAN SMITH & SON

Adrian, Mich.

Mention The Review when you write.

FERNS

	Per doz.	100	1000
Boston Ferns, 2½-in.		$3.00	$25.00
" " 3-in.		6.00	
" " 4-in.	$1.50	10.00	
" " 5-in.	2.25	15.00	
Piersoni, strong runners, 2½-in.		3.00	25.00
" " " 4-in.	1.50	10.00	
" " " 5-in.	2.25	15.00	
Scottii, " " 2½-in.		3.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-in.		7.00	
" 4-in.	1.50	10.00	
" 5-in.	2.25	15.00	
Whitmani, 3-in.		20 00	
Holly Ferns, 2½-in.		3.00	
Carex Japonica, 2½-in.		2.50	
Begonias, assorted, 2½-in.		2.50	
Crotons, 4 sorts, 3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock.		3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants.		2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

Mention The Review when you write.

CYCLAMEN PERS. GIGANTEUM

Showing bud, 3-in., $5.00 per 100, 300 for $10.00. 4-in., $8.00 per 100; 5-in., $15.00 per 100.

Primulas, Chinese and Obconica, 3-in., $3.00; 4-in., in bud and bloom, $6.00.

Asparagus Plumosus Nanus, 3½-in., $8.00 per 100.

Cinerarias, 3-in., $3.00 per 100.

Samuel Whitton, 15-16 Gray Ave., Utica, N. Y.

Mention The Review when you write.

FERNS

Bostons, from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively. **Boston and Scottii,** 5 to 10-inch pans, 50c to $1.50 each.

Jerusalem Cherries, 12-inch pans, 7 plants to a pan, full of berries, 75c each. 3½-in pots, with berries and bloom on, $6.00 per 100.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Carnations

Norway—We still have about 800 nice field-grown plants. Just nice to follow mums. At present they are heeled in bench. $3.00 per 100 to close them out.

20,000 Rooted Cuttings, leading varieties now ready. Write for prices.

J. W. DUNFORD, CLAYTON, MO.

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AsparagusCrawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

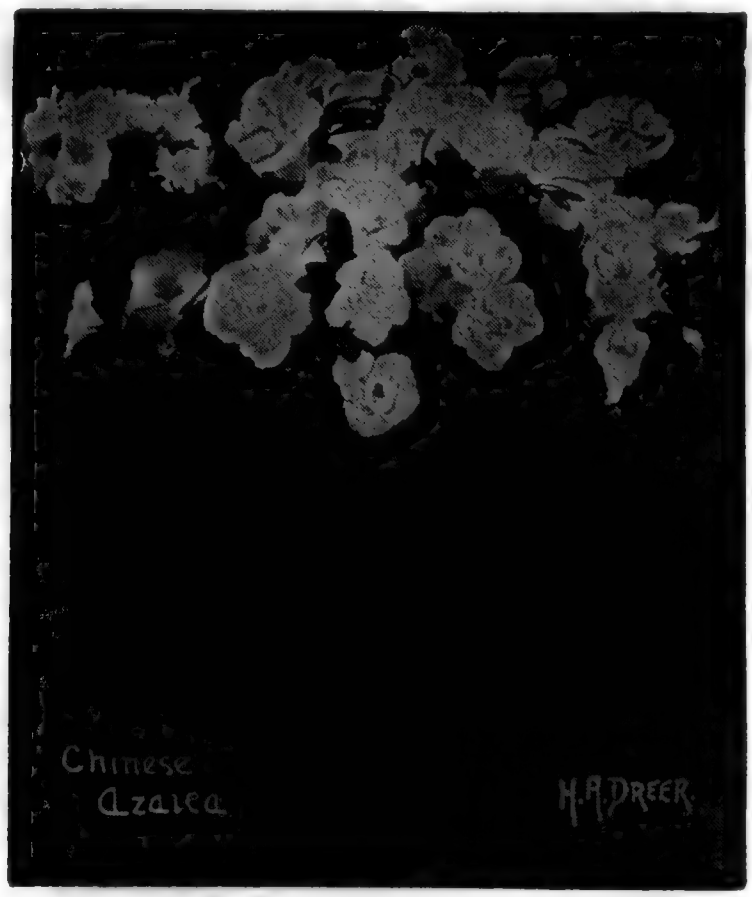
JAMES CRAWSHAW, 403 Plainfield St. PROVIDENCE, R. I.

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Always Mention the....

Florists' Review

When Writing Advertisers.



Azaleas For Forcing

We can still furnish a fine lot of well budded plants at import prices for immediate delivery. We offer a full assortment of standard varieties.

	Per doz.	Per 100
8 to 10-inch crowns	$3.25	$25.00
10 to 12-inch crowns	4.50	35.00
12 to 14-inch crowns	6.00	45.00
14 to 16-inch crowns	7.00	55.00
16 to 18-inch crowns	12.00	90.00

A fine lot of plants of exceptionally good value in the following varieties, 18 inches in diameter at $18.00 per doz.

Deutsche Perle — **Simon Mardner** — **Niobe**
Empress of India — **Mme. Vander Cruyssen** — **Apollo**
Bernard Andre Alba — **De Schryveriana** — **Emperor of Brazil**

A nice lot of specimen plants, 18 to 20 inches in diameter at $2.00 each:

Mme. Camille Van Langenhove **Empress of India** **Simon Mardner**
Niobe **Bernard Andre Alba** **Mme. Vander Cruyssen**

A grand lot of specimen plants of **Mme. Vander Cruyssen,** 20 to 22 inches in diameter at $2.50 each.

Place your orders for Azaleas now as we will not carry any in stock after Jan. 1.

HENRY A. DREER

714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.
Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.
Phoenix Canariensis, 2-in., $1.00 per doz.
Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.
Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100; $25.00 per 1000.
Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.
Boston Ferns, 5-in. $3.00 per doz.
" " 6-in. 6.00 per doz.
" " 7-in. 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.
Pteris Wimsetti, 3-inch, 75c per doz.
Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Asparagus Plumosus Nanus	4			$1.25	
Asparagus Plumosus	2				$3.00
" "	3				6.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				6.00
" "	4			1.25	
" "	5			2.00	

Aucuba Japonica, 3½-ft., fine plants, $1.50 each.
Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.
Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.
Box Trees, 12 to 18 inches high, $4.20 per doz.
Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz., 7-inch, $1.00 each.
Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz.; 2-inch, $1.25 per doz.
Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.
Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

Spiraeas, Azaleas, Rhododendrons, Etc.

Spiraea Japonica $4.00 per 100
Spiraea Nana Compacta 4.00 per 100
Azalea Indica, fine list early and late varieties, Simon Mardner, Empress of India, Niobe, Prof. Wolters, Mme. Vander Cruyssen, Helen Thelemann
10 to 12-inch crowns $35.00 per 100
12 to 14-inch crowns 45.00 per 100
14 to 16-inch crowns 55 00 per 100
16 to 18-inch crowns 90.00 per 100
Azalea Mollis, bushy, well budded seedlings:
12 to 15 inches high $25.00 per 100
15 to 18 inches high 35 00 per 100
Spiraea Ast. Floribunda $4.25 per 100
Spiraea Gladstone 6.50 per 100
Rhododendrons, bushy, perfectly shaped plants of leading forcing varieties:
18 to 20 in. high, full of buds. $9 00 per doz.
20 to 24 in. high, full of buds. 12.00 per doz.
Latania Borbonica, strong, 4-in. $15.00 per 100
Kentia Belmoreana, 5-in., bushy 60.00 per 100
Nephrolepis Elegantissima, 2¼-inch pots 5.00 per 100

The Storrs & Harrison Co. PAINESVILLE, OHIO.

Mention The Review when you write.

10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in., $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4 in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

CASH PLEASE.

BENJ. CONNELL, West Grove, Pa.

Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

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Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

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FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $1.50 per 100.
Flowering Begonias, 8 kinds, 2-in., 2½c.
Rex Begonias, 3-in., 8c.
Geraniums. 2-in., strong, 5 best sorts, 2c.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens, Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c.

Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

LUDVIG MOSBAEK

ONARGA, ILL.

ASPARAGUS Pl. Nanus and **Sprengeri.** 2, 2½, 3 and 4-in., $2.00, $2.50, $5.00 and $8.00 per 100.
FERNS. Boston, Piersoni, Anna Foster, 2¼, 3 and 4-in., $3.00, $6.00 and $12.00 per 100, 6-in., $4.00; 8-in., $10.00; 10 in., $20.00 per doz. **Piersoni Elegantissima** and **Scottii.** fine runners, $40.00 per 1000; **Boston,** $20.00 per 1000.
150,000 Cannas, in 35 var. List mailed.
50,000 Hardy Perennials, field and pot-grown.

Mention The Review when you write.

ELBERON, N. J.

At the regular meeting of the Elberon Horticultural Society, December 3, great interest was taken in a new seedling carnation exhibited by Mr. Tierney, of Highlands of Navesink. After being judged in an able manner by Messrs. Grieb and Bauer it was awarded a certificate of merit, scoring ninety points. Mr. Tierney named it Mrs. Robert Hartshorne in honor of his employer's wife. There was also exhibited by Peter Murray a beautiful Phœnix Roebelenii, scoring ninety points. Carnations exhibited by A. Bauer scored ninety points. Stevia exhibited by A. Grieb scored eighty-five points and violets exhibited by Fred Dettlinger scored eighty-five points. A committee was appointed by the society to meet the board of education of Oakhurst to arrange to beautify the school grounds with shrubbery and whatever is required to put the grounds in good condition. The committee is Messrs. Robertson, Grieb and Dettlinger. After a few remarks by Herbert Hall the society adjourned.

F. W. D.

NEWARK, N. Y.

Charles E. Clark started in a small way in the greenhouse business thirteen years ago. His first house was only 18x 24 feet. Now he is the proprietor of the Wallowdale greenhouses and fruit farm, and his success is assured by the fact that he finds a ready market at Buffalo, Rochester, Boston and many other cities.

Under his 5,000 feet of glass he propagates and grows the new and up-to-date varieties, his specialties being chrysanthemums, carnations and novelties in geraniums. Mr. Clark does not go in for a great variety of stock, preferring to confine himself mainly to certain specialties, and with these he has been eminently successful. In the spring he utilizes his greenhouses for growing early vegetables, and in flowers, vegetables and fruit he is considered quite an expert.

The greenhouses are of modern construction and this year Mr. Clark made some extensive changes and installed a new heating plant.

I WANT to thank the REVIEW for the many orders it has brought me.—S. J. MCMICHAEL, Findlay, O.

500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

Mention The Review when you write.

Prepare For . . . CHRISTMAS

An immense stock of CHOICE CHRISTMAS PLANTS are now ready for immediate shipment. PRICES SLAUGHTERED ONE-HALF.

Is it possible to sell **Araucaria Excelsa,** 4 years old, 18 to 23 inches high, 5 to 6 tiers, for 75c? **Yes!**

ASCHMANN DOES IT!

Great Prosperity is in sight for us all; why not for you? A little fortune lays in front of your door; grab it now when you have a chance. Look at others; see how successful they are. Why? Because they are wide-awake, they watch every opportunity and take advantage of bargains. A big demand is in sight for the holidays for the much-admired Decorative Plants.

Araucaria Excelsa, Araucaria Excelsa Glauca and **Araucaria Compacta Robusta.** Where have you thought of buying them? Surely from a man who makes a specialty of importing araucarias and who can offer you Bargains. Godfrey Aschmann is the man. He has had the reputation for the last ten years of being the great IMPORTER and DEALER in araucarias of America. Prices are slaughtered one half. Never have been offered so low in the history of araucaria cultivation. Why is that? Simply for the reason to

Obtain Room for the Cultivation of Our Great Easter Stock.

About 5,000 araucarias, together with an immense stock of ferns, palms, rubbers, Gloire de Lorraine begonias, azaleas and thousands of other plants which must be sold by Christmas.



No home complete without an Araucaria
It always was and always will be the pet of decorative plants.

It decorates the parlors of Kings and Emperors.

TAKE NOTICE!

Araucaria Excelsa, Glauca, Compacta, Robusta, only spring importations are offered raised in pots all summer and can be shipped safely.

Araucaria Excelsa, 5½-in. to 6-in. pots, 18 to 23 inches high, 5 to 6 tiers, 4 years old, 75c; 6-in. pots, 23 to 25 inches high, 5 to 7 tiers, 4 years old, $1.00; 6 to 7-in. pots, 25 to 30 inches high, 5 to 7 tiers, 4 years old, $1.25; 7-in. pots, specimen plants, $1.50, $1.75, $2.00.

Araucaria Compacta Robusta—Have several thousand of them; can supply all wants. These plants were never so fine in shape and condition as this year. The pet of the greenhouse. 6-in. pots, 3 tiers, 20 to 25 inches across, 12 to 18 inches high, 3 years old, $1.00 to $1.25; 6 to 7-in. pots, 4 to 5 tiers, 18 to 25 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, specimens, 6 to 7 tiers, 25 to 30 inches high, 5 years old, $2.00 to $2.50.

Araucaria Excelsa Glauca—This variety on account of its beautiful green-bluish tiers, dwarf habit, fine compact shape, gives it a striking appearance, and anybody seeing them, must undoubtedly fall in love with them at sight. 6-in. pots, 3 tiers, 20 to 30 inches across, 14 to 20 inches high, 3 years old, $1.00 to $1.25; 6 to 7 in. pots, 4 to 5 tiers, 20 to 30 inches high, 4 years old, $1.50 to $1.75; 7-in. pots, 5 tiers, 30 to 35 inches high, 5 years old, specimen plants, $2.00 to $2.50. These plants are as broad as long and the finest you ever saw.

Cocos Weddelliana, 15c.

Areca Lutescens, 5-in. pots, 24 in. high, made-up with 3 plants, 35c; 4-in. pots, 20 to 24 in. high, made-up with 3 plants, 25c each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it which gives them a good appearance, $2.00 to $3.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each; 4-in. pots, made-up plants, 3 plants in a pot, 18 to 25 inches high, 25c, 30c, 35c.

Ficus Elastica or Rubber Plants, 6-in. pots, 25 to 30 inches high, 40c to 50c.

Areca Sapida, just imported from Belgium, something new, very attractive, looks like a Kentia, 25 in. high, 50c each.

Asparagus Plumosus Nanus, 4-in. pots, large bushy, 10c to 12c.

Holly Ferns, 2½-in., 5c.

FERNS, all raised in pots and not on benches as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Maiden-hair Ferns, 6-in., 40c.

Nephrolepis Scottii, 8-in., as big as a wash-tub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Ferns for dishes, 3-in., 6c; 2½-in., 5c.

Nephrolepis Elegantissima, 5-in. pots, 30c.

Asparagus Sprengeri, 4-inch pots, 10c.

Jerusalem Cherries (or Solanum), 6 to 7-in. pots, very bushy, full of berries, from $3.00 to $6.00 per dozen.

Dracaena Bruanti (imported), 30 in. high. 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

Chinese Primroses, 5¼-in., very strong in bud and bloom, for now and Xmas, $2.00 per doz.

Begonia Gloire de Lorraine, 6-in. pots in bud and bloom, for now and Xmas, 50c to 75c each.

Hydrangea Otaksa, only pot-grown is offered, sure success for Easter-forcing, 6-in. pots 25c; 7 to 8-in., 50c.

Begonia Flambeau, sells on sight, 4-in., ready for a shift into 6-in., 20c.

Begonia Erfordii, new improved, blooms all winter through, 4-in., 20c; 5¼-in., 25c.

Azalea Indica, for Christmas blooming, now ready; forced in bud and bloom and stored away in cold houses. Have all the leading varieties, such as Deutsche Perle, double white; Simon Mardner, double pink; and Vervæneana; double rose variegated, very large flowers. Prices, 60c, 75c, $1.00, $1.25 and $1.50 each.

In **Azaleas** for Easter blooming, we have only the best American varieties, such as Mme. Van der Cruyssen, Bernard Andre Alba, Simon Mardner, Empress of India, L. Van Houtte and many others. Price 35c, 40c, 50c, 75c, $1.00 and $1.50.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., **PHILADELPHIA, PA.**

Dreer's Special Offer of Decorative Plants for the Holidays



ARAUCARIA EXCELSA

Good Stock, Excellent Values

4-inch pots, 5 to 6 inches high, 2 tiers.....$0.40 each
6-inch pots, 12 to 14 inches high, 3 tiers..... .75 each
6-inch pots, 16 to 18 inches high, 3 to 4 tiers 1.00 each
6-inch pots, 18 to 20 inches high, 4 tiers..... 1.25 each
7-inch pots, 20 to 22 inches high, 4 to 5 tiers 1.50 each

ARAUCARIA EXCELSA GLAUCA

6-inch pots, 13 to 15 inches high, 3 tiers.....$1.25 each
7-inch pots, 22 to 24 inches high, 4 to 5 tiers 2.00 each

ARAUCARIA ROBUSTA COMPACTA

6-inch pots, 10 inches high, 2 to 3 tiers.....$1.25 each
6-inch pots, 12 inches high, 3 tiers ..... 1.50 each

ARECA LUTESCENS

4-in. pots, 3 plants in a pot, 15 inches high, $3.50 per dozen; $25.00 per 100.

COCOS WEDDELLIANA

The best, thriftiest plants of this we have ever offered.

2¼-inch pots, 5 to 6 inches high, per doz., $1.50; per 100, $10.00; per 1000, $90.00.

KENTIA FORSTERIANA

6-inch pots, 6 leaves, 24 to 28 inches high..$1 00 each
6-inch pots, 6 leaves 28 to 30 inches high.. 1.25 each
6-inch pots, 6 leaves, 30 to 32 inches high.. 1.50 each
7-inch pots, 6 leaves, 34 to 36 inches high.. 2.00 each
7-inch pots, 6 leaves, 36 to 40 inches high.. 2.50 each
9 inch pots, 6 leaves, 46 to 48 inches high.. 3 50 each
7-inch tubs, 48 inches high..... 4.00 each
12-inch tubs, 6 to 7 leaves, 8 to 10 feet high.15.00 each

KENTIA FORSTERIANA

Made Up Plants

9-inch pots, 4 plants in a pot, 3½ feet high $4.00 each
9-inch tubs, 4 plants in a tub, 4 feet high.. 5.00 each
12-inch tubs, 4 plants in a tub, 6½ to 7 feet high.....15.00 each
13-inch tubs, 4 to 6 plants in a tub, 5½ to 6 feet high, very bushy.....15.00 each

KENTIA BELMOREANA

6-inch pots, 6 leaves, 20 to 24 inches high...$1.00 each
6-inch pots, 6 leaves, 24 to 26 inches high... 1.25 each
6-inch pots, 6 to 7 leaves, 26 to 28 in. high.. 1 50 each
7-inch pots, 6 to 7 leaves, 34 to 36 in. high.. 2.50 each
9-inch tubs, 6 to 7 leaves, 48 in. high, heavy 7.50 each

LATANIA BORBONICA

7-inch pots, 6 to 8 leaves, heavy plants.....$1.00 each

LIVISTONA ROTUNDIFOLIA

4-inch pots.....$4.00 per doz.; $30.00 per 100

PHOENIX CANARIENSIS

The following are all growing in light wooden tubs and are plants of good value:

2½ feet high.....$2.00 each
3½ feet high..... 3.50 each
4 to 4½ feet high..... 5.00 each
4½ to 5 feet high..... 6,00 each

PHOENIX ROEBELENII

Nicely characterized plants of this beautiful rare Palm, which undoubtedly is designed to be one of the most popular Palms of the future. 4-inch pots, 10 inches high, $1.00 each; 8-in. pots, 18 inches high, $3.50 each.

ADIANTUM FARLEYENSE

Extra prime stock.

The best we have ever offered.

4-inch pots.....$5 00 per doz.; $40 00 per 100
5-inch pots..... 9 00 per doz.; 70.00 per 100
6-inch pots.....12.00 per doz.

NEPHROLEPIS SCOTTII

Dwarf, bushy, perfect plants.

As good as can be produced.

6-inch pots.....50 cents each

NEPHROLEPIS BOSTONIENSIS

Dwarf bushy plants, 6-inch pots.....50 cents each

NEPHROLEPIS WHITMANI

A grand lot of this, the finest of all the Ostrich Plume varieties. Bushy, well furnished, compact, 8-inch pans, $2.00 each.

MIXED FERNS FOR DISHES

Our stock of Mixed Ferns, both in 2¼ and 3-inch pots, is at present in fine shape. We offer:

2¼-inch pots.....$3.50 per 100; $30.00 per 1000
3-inch pots..... 6.00 per 100; 50.00 per 1000

FICUS PANDURATA—The New Ficus

A Grand Holiday Plant.

Handsome, perfect specimens, 24 to 30 inches high.....$3.00 each

PANDANUS VEITCHII

Nicely colored, perfect plants, of good value.

6-inch pots.....$1.00 each
7-inch pots..... 1.50 each
8-inch pots..... 2.00 each

BOXWOOD TREES, PYRAMIDAL SHAPED

Fine compact plants of excellent color.

30 to 36 inches high, 15 inches diameter at base.....$2.00 each
42 to 48 inches high, 15 to 18 inches diameter at base..... 2.50 each
48 to 50 inches high, 18 to 20 inches diameter at base..... 4.00 each
54 to 60 inches high, 20 to 22 inches diameter at base..... 5.00 each

STANDARD OR TREE-SHAPED BOXWOOD

Stems 20 to 24 inches high, crowns 12 to 14 inches in diameter....$1.25 each
Stems 20 to 24 inches high, crowns 14 to 16 inches in diameter.... 1.50 each
Stems 22 to 24 inches high, crowns 22 to 24 inches in diameter.... 3.00 each

BOXWOOD, BUSHY SHAPE.

12 to 15 inches high, bushy plants useful material for filling window-boxes and decorative work, $3.00 per dozen.

BAY TREES, LAURUS NOBILIS

We offer a recent importation of excellent values. Trees with dense bushy growth and of a rich dark green color.

PYRAMID SHAPED

3 feet high, 15 inches in diameter at base.....$3.00 each
4½ feet high, 24 to 26 inches in diameter at base..... 6.00 each
5 feet high, 26 to 28 inches in diameter at base..... 7.50 each
6 feet high, 30 inches in diameter at base.....10.00 each
6 feet high, 32 to 34 inches in diameter at base.....12.50 each
7 feet high, 38 to 40 inches in diameter at base.....15.00 each

STANDARD OR TREE-SHAPED

Stems 24 inches high, crowns 15 inches in diameter.....$2.00 each
Stems 30 inches high, crowns 24 inches in diameter..... 6.00 each
Stems 42 to 45 inches high, crowns 24 inches in diameter..... 6.00 each
Stems 42 to 45 inches high, crowns 26 to 28 inches in diameter.... 7.50 each
Stems 42 to 45 inches high, crowns 30 to 32 inches in diameter....10.00 each
Stems 42 to 45 inches high, crowns 34 to 36 inches in diameter....12.50 each
Stems 42 to 45 inches high, crowns 40 to 42 inches in diameter....15.00 each

AUCUBA JAPONICA

A fine lot of bushy plants of this useful winter decorative plant.

Very bushy plants, 12 inches high.....30c each; $3.00 per doz.
Very bushy plants, 18 to 20 inches high.....40c each; 4.50 per doz.
Very bushy plants, 24 to 30 inches high .....60c each; 7.00 per doz.
Elegant shapely specimens, very fine, 3 feet high.....$3.00 each.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN

Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

ROOTED

Carnation Cuttings

Leading varieties. Write for prices

WM. WINTER, KIRKWOOD, MO.

Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. Washington, D. C.

Miss Kate Moulton

THE BEST PINK ROSE

You notice that we do not say that it is merely a GOOD Rose, but, we call it THE BEST ROSE. Last year's sales prove that it is NOT UP-HILL WORK disposing of

MISS KATE MOULTON

It holds it own. We challenge any retailer to prove that he can sell another Pink Rose when MISS KATE MOULTON is on the counter. And it will bring a better price every time.

Ask the WISE ONES who bought last year

We have this year a fine stock of 50,000 plants, summer struck, from coldframes, especially adapted for long distance shipping at the following prices: $150.00 per 1000; $75.00 per 500; $18.00 per 100. We are also quoting for MARCH DELIVERY from 2½-inch pots, sturdy stock, $100.00 per 1000; $50.00 per 500; $12.00 per 100. :: :: :: :: :: :: :: ::

MINNEAPOLIS FLORAL CO.

MINNEAPOLIS, MINN.

The New Pink Rose AURORA

...A Rose For Everybody...

This Rose is a seedling from Bon Silene and Souvenir du President Carnot. The flowers are large and full, and are produced on strong and stiff stems, with a rich dark green foliage. The color is a beautiful pink with a deeper shading in the center. The keeping quality of the flowers is excellent, and it does not lose its brilliancy of color when kept in the cellar. The habit of growth is strong and vigorous; it has absolutely no tendency to go dormant during the Winter and every shoot has a flower bud.

AURORA has inherited the productiveness of Bon Silene and has the free flowering qualities of this well known prolific variety. It is easy to grow, and does not need a high temperature.



Plants from 2½-inch pots, own roots; $30.00 per 100; 50 at 100 rate; $250.00 per 1000; 500 at 1000 rate.

READY FOR DELIVERY ON AND AFTER MARCH 1, 1907

Order at once if you wish to secure the early prepared stock.

ALL ORDERS FILLED IN ROTATION

PAUL NIEHOFF, LEIGHTON, PA.

CARNATIONS—Rooted Cuttings

RED CHIEF—The scarlet for every grower. Has a bright even color, a fine habit, perfectly clean and healthy and leads in productiveness. A Christmas scarlet in every respect.

BONNIE MAID—Edged white and shaded to a pink center. A pleasing and attractive flower. Early and very free.

ARISTOCRAT—Bright cerise pink.

WINSOR—Clear silvery pink.

POCAHONTAS—Bright crimson.

The above 5 varieties, $12.00 per 100; $100.00 per 1000.

WHITE PERFECTION—Always white, $6.00 per 100; $50.00 per 1000.

ROSE-PINK ENCHANTRESS—The true clear rose pink, $7.00 per 100; $60.00 per 1000.

VICTORY and **ROBT. CRAIG**—Scarlet, $6.00 per 100; $50.00 per 1000.

PINK PATTEN, pink; **CANDACE**, pink; **GLENDALE**, variegated; $5.00 per 100; $40.00 per 1000.

LADY BOUNTIFUL, white; **ENCHANTRESS**, light pink, $3.00 per 100; $25.00 per 1000.

Selected, well rooted cuttings is what we offer. Send for complete price list.

F. DORNER & SONS CO., LAFAYETTE, IND.

Mention The Review when you write.

FAILURE WITH SWEET PEAS.

For the last three winters I have been growing sweet peas in Florida. The first winter I had fairly good success, but last winter and this season so far I have not been able to do a thing with them. After they get up out of the ground nicely they wither and die and upon examination I find the stem under the ground rots off. H. S. P.

To have the best success with sweet peas they must be sown while the weather is cool and before the ground has dried up much. In the northern states this is done as soon after the frost has left the ground as possible. It is necessary for the plants to make good roots before top growth commences. With later sowings, but indifferent success is, as a rule, the result. Quite rich ground is the best, that of a retentive or clayey nature being preferable, although we have seen splendid sweet peas in sandy loam. The seed should be well firmed by tamping and we prefer to hollow out the rows, saucer-like, to the depth of three or four inches to catch and retain moisture. Covering the seed three inches deep is about right. The practice followed still of covering the seed lightly at first and earthing up stems as they grow is liable to cause rot, especially if heavy rains occur just after the earthing up.

We have never had any success with sweet peas planted in the same land two or more successive years. Fresh ground each year should be used. Possibly the land contains too much potash. Do not use chemical fertilizers. Good, well-rotted barnyard manure is preferable. Run the rows north and south, sow thinly while the land is cool, mulch when dry weather sets in and we see no reason why they should not do well, even in southern Florida. W. N. C.

LEBANON, IND.—Oak Hill cemetery now has six complete and well equipped greenhouses. Five of the buildings are 20x64 and the sixth is 20x100 feet. There is also a boiler-house equipped with a fifty horse-power boiler. The houses built last year have been torn down.



GLADIOLUS BULBS For FORCING

TO MAKE, YOU MUST SPEND,

Then why not plant vacant carnation space with Gladioli. Any carnation bench can stand a moderate planting.

They will bring GOOD MONEY.

AMERICA, easily the grandest gladiolus ever introduced. Soft pink, very large flower and spike. Large bulbs, per doz., $1.50: $10.00 per 100; $75.00 per 1000. No. 2 bulbs, per doz., $1.00; $8.00 per 100; $70.00 per 1000.

MAY, pure white flaked carmine, $1.75 per 100; $15 per 1000.

MRS. FRANCIS KING, large flower and spike of a beautiful cherry red, per doz., $1.25; $6.00 per 100; $50.00 per 1000.

COLVILLEI ALBA (The Bride), true pure white forcing variety, $1.00 per 100; $7.50 per 1000.

BLUE RIBBON MIXTURE, exquisite light shades, $1.25 per 100; $10.00 per 1000.

STANDARD MIXED, fine quality, $1.00 per 100; $7.50 per 1000.

GROFF'S LARGE FLOWERED HYBRIDS, fine light and rich reds, $2.00 per 100; $18.00 per 1000.

DAHLIA SYLVIA, fine long stemmed pink, strong clumps, $1.25 per doz.; $8.00 per 100.

Fine assortment of Dahlias, under color, for store trade.

CUSHMAN GLADIOLUS CO.

SYLVANIA, O.

TO CARNATION GROWERS!

Imperial and Pink Imperial Carnation

HERE are two good ones for you, the former the beautiful variegated delicate pink ground spotted with deeper pink, the latter a Lawson shade of pink and both fancy varieties. They are vigorous growers, no grass and every shoot produces a flower. The supply of cuttings will be limited. You cannot well afford to be without some stock of these two excellent varieties. They should and undoubtedly will prove a most valuable asset to our collection of desirable commercial carnations, and growers who would be up-to-date must not be without them. I have watched carefully these two varieties for some time, and can fully vouch for their excellence.

Cut Blooms may be seen at my place, 43 West 28th St. Enough said.

The first batch of rooted cuttings will be ready December 15, 1906. Place your orders now and be assured of supply for next season. For further particulars regarding these two excellent commercial carnations,

ADDRESS

ALEXANDER J. GUTTMAN, The Wholesale Florist of NEW YORK, **43 West 28th St., or**

JOHN E. HAINES, Bethlehem, Pa., Originator

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

Blooming Plants for Christmas

Cyclamen, in full flower, with plenty of buds showing, 5-inch.....$15.00 per 100
4-inch, in bud..... 10.00 per 100
Primula Primrose and **Obconica,** in full flower, 4-in.....$1.00 per doz.; $6.00 per 100
Azaleas, in flower.....50c and 75c each
Araucarias, 3 tiers.....40c each
" 4 tiers.....50c each
Rubbers. 18 inches high, 25c each; $20.00 per 100
Asparagus Sprengeri, 4-inch... 5.00 per 100
Cinerarias, 2¼-inch..... 2.00 per 100
" 3-inch..... 3.00 per 100

C. WHITTON, CITY STREET, UTICA, N. Y.

Mention The Review when you write.

ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Heliotrope,** blue, 75c; **Verbena,** mixed, 60c; **Salvia,** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca,** varieg., 90c; $8.00 per 1000. Cash. **Umbrella Plants,** 2-in., $1.50 per 100. **Cyclamen Mixed Seedlings, Dreer's** best seed, $1.25 per 100, prepaid.

SHIPPENSBURG FLORAL CO.
Shippensburg, Pa.

Mention The Review when you write.

Ludvig Mosbaek, Onarga, Ill.

ASPARAGUS Plumosus Nanus and Sprengeri, 4-in., $8.00; 3-in., $5.00; 2¼-in., $2.50; 2-in., $2.00 per 100.
FERNS—Boston, Piersoni, Anna Foster and Sword. 2¼-in. and 3-in., $3.00 and $6.00 per 100; 6-in. $4.00, 8-in. $12.00, 10-in. $25.00 per doz.
150,000 CANNAS—In 35 leading varieties, true to name. Send list for special quotations. Descriptive list and price list mailed free, or see Florists' Review of Nov. 1, page 1585.
List of 50,000 hardy perennial Herbaceous plants, field and pot-grown.

Mention The Review when you write.

STOCK MUMS

Wm. Simpson, Polly Rose, Glory of Pacific, White and Pink Ivory, Major Bonnaffon, Robt. Halliday, Maud Dean, Adelia, Viviand-Morel, Lavender Queen, Yellow Jones, Queen, Silver Wedding, Geo. W. Childs, Dr. Enguehard and Alma (Pink Pompon), 75c per doz.; $5.00 per 100.
Asparagus Sprengeri, extra strong.
3-in.....$5.00 per 100
Dracaena Indivisa, strong, 3-in..... 6.00 per 100
" " " 4-in.....12.00 per 100
" " " 6-in.....50c each
Nephrolepis Bostoniensis, strong, 6-in..50c each
" **Scottii,** strong, 5-in.....35c each
" " " 6-in. pans..50c each
" " " 8-in. pans.$1.00 each

All are pot-grown and good value.

JOHN WALKER
YOUNGSTOWN, OHIO

SMITH'S

CHRYSANTHEMUM MAMUAL

By ELMER D. SMITH

Revised Edition—A complete practical treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

98 Pages. 32 Illustrations
Forty Cents Postpaid

Florists' Publishing Co.
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334 Dearborn St., Chicago.

One of the Finest Gifts for the Holidays is a Beautiful Plant

Fine Well-Grown Plants of

TARRYTOWN FERN

Nephrolepis Piersoni Elegantissima

makes one of the finest plants for a holiday gift that we know of. We sell large quantities of these at retail among our local customers, and there is nothing more profitable or satisfactory for Christmas sales than a few of these nice plants. We can offer fine selected specimens in all sizes, from medium sized plants in 6-inch pans up to immense elegant specimens in 10-inch pans, suiting all purses and all classes of trade. Order early and have the stock on hand where you can show it. You will find nothing more satisfactory or profitable. We can supply fine plants as follows: Fine plants. 6-in. pans, 75c and $1.00 each—according to size. Fine specimen plants, 8-in. pans, $1.50 and $2.00 each—according to size. Very fine specimen plants, 10-inch pans, $3.00 each; large specimens, 12-in. pans, $5.00 each; extra large specimens, 14-in. pans, $7.50 each; still larger specimens, 16-in. pans, $10.00 each.

Also young stock for growing on, $12.00 per 100.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

LOCKLAND RETIRING.

It is stated that the Lockland Lumber Co., of Lockland, O., has determined to withdraw from the business of manufacturing greenhouse building material. The company is one of the oldest and strongest in the United States. It was established in 1868 and has a capital of $150,000. E. R. Stearns is president and A. M. Stearns treasurer and manager. The manufacture of greenhouse material has been only a small department of the business, although a large quantity of material has been turned out. Sash, doors, blinds, boxes and other articles are the principal manufactures. E. Loeber has been the manager of the greenhouse department in the last few years. It is reported that he will continue to be connected with the greenhouse material business.

JOLIET, ILL.—G. Heinrich, of Crete, Ill., has rented his residence and greenhouse on Herman street to a man from Steger, who will conduct the business.

ONEONTA, N. Y.—C. E. Miles, who over a year ago bought out Mrs. Seymour Scott's residence and greenhouses, reports a steady growth in trade and is well pleased with the business.

ST. PAUL, MINN.—The purchaser of August S. Swanson's interest in the Swanson Floral Co., doing business at 31 East Sixth street, is A. W. Lemke, son of E. F. Lemke, who is widely known in the trade. The firm will hereafter be known as Colberg & Lemke. They have an excellent location, a well established business and every prospect for a bright future.

New Single Geranium SYCAMORE

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Vigorous grower, of dwarf habit and a continuous bloomer. Trusses measure from 6 to 8 inches in diameter. Unexcelled as a bedder. Has been grown by us and thoroughly tested for the past 4 years. Write for descriptive circular. Orders booked now for 2½-in. pots at $2.00 per doz.; $15.00 per 100.

ST. CLAIR FLORAL CO., A. S. HALSTEAD, Pres. **Belleville, Ill.**

Mention The Review when you write.

CYCLAMEN

From Seed Bed

75,000 Cyclamen Giganteum Persicum seedlings left, in 5 separate colors which we offer at the low price of $1.00 per 100; $8.00 per 1000; $75.00 per 10,000. STOP; don't think because we offer our seedlings cheap they are cheap quality, for the seed of this strain in small quantities sells at $5.00 per 1000 seeds.

Order at once from

D. U. Augspurger & Sons

Box 778, PEORIA, ILL.

Mention The Review when you write.

Verbena King

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.
Worlds of other rooted cuttings later on.
MUM stock plants, 75c per doz.; $5.00 per 100.

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

MUMS

STOCK PLANTS

Rosiere, pink	$1.50 per doz.
Amorita, pink	1.00 per doz.
Monrovia	.75 per doz.
Merstham Yellow	1.00 per doz.
Omega	.75 per doz.
C. Touset	1.00 per doz.
Mme. Bergmann	.75 per doz.
Willowbrook	.75 per doz.

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.
Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Mention The Review when you write.

CHRYSANTHEMUM NOVELTIES

THIS YEAR I have to offer once more a splendid lot of new varieties. Among them will be found in whites:

MISS CLAY FRICK, the white sport of Wm. Duckham, winner of the Frick prize at Chicago.

Mrs. A. T. Miller, Moneymaker, Kathleen Stoop.

IN PINKS—Miss Mariam Hankey, Mrs. Walter Jenks, etc.

IN YELLOW—Mary Godfrey, Mrs. Geo. Hunt, Norman Davis, Buttercup, etc.

Also J. W. Moreman, Mrs. Henry Barnes, W. J. Crossley and many others.

I offer young stock for delivery early in the new year. 50 new varieties of Singles, the latest craze. Send for my complete list issued Dec. 1.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

Orchids

28 HOUSES.

Imported, Semi-established, ESTABLISHED and FINE HYBRIDS Stove and Greenhouse Plants.

Inspection invited. Correspondence solicited.

JULIUS ROEHRS CO., Rutherford, N. J.

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ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers Summit, N. J.

ORCHIDS For Spring Delivery

March, April and May, **Vanda Coerulea** and **Dendrobium Wardianum Lowii.** We quote prices per 100 plants. **Cypripedium Callosum,** we shall have one shipment of 5,000 plants. For June or July delivery, we shall have the rare **Vanda Sanderiana** and can quote prices per single plant or in quantity.

A. HELD, 11-19 William St., NEW YORK

We are still booking orders for January delivery of

POCAHONTAS

If yours is not among them, better send it in at once; or still better come and see it growing. It will please you with its fine color and floriferousness. It is open for inspection any time. Always in bloom. Always in crop. $12.00 per 100; $100.00 per 1000. We also have the best of last spring's introductions, including **ROSE-PINK ENCHANTRESS, WHITE PERFECTION and VICTORY.** Our new list will be out about January 1. Send for it by mailing us a postal with your name and address.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Orders now booked for rooted cuttings of **CARNATION**

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

Mum Stock

Polly Rose, Mme. Bergmann, Opah, Yellow Bonnaffon, White Bonnaffon, J. K. Shaw, Mrs. Robinson, October Sunshine, Pink and White Ivory, $4.00 per 100. Eaton, Willowbrook, Minnie Bailey, Maud Dean, Col. Appleton, $6.00 per 100.

Crabb & Hunter Co., Ltd., Grand Rapids, Mich.

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A FEAT OF ENGINEERING.

R. O. King, son of R. W. King, and associated with him in the King Construction Co., Toronto, Can., has recently proven his right to the name of an engineer of no mean order. To him belongs the credit of originating the novel plan, after others had failed, for successfully raising the steamship Bavarian, which ran on Wye Rock, on the St. Lawrence river, November 3, 1905.

The plan was an adaptation of the compressed air principle used in sinking great caissons for bridges, or tunneling under rivers. Air is forced into the caisson or tunnel and maintained at such a pressure as to drive out the mud and water and prevent the chamber from refilling.

After the Lloyds, the English experts, had made an unsuccessful attempt to float the steamer by the old methods, Captain Leslie secured the right to make another trial. To Captain Leslie R. O. King and his associate, W. W. Wotherspoon, proposed the air-pressure plan. It seemed feasible and Captain Leslie acceded to the proposal and a syndicate was formed. The capital required was about $30,000.

Men who were accustomed to working under enormous air-pressures, called "sand hogs," were secured to the number of about forty. Divers were also engaged, Mr. King and Mr. Wotherspoon working in their diving suits with the rest.

After the sides and decks of the vessel had been strengthened with planks to prevent the ship from blowing up, the work of forcing in the air began. The different compartments were treated as caissons and the hold and ship's ballast were also filled with compressed air. Slowly but surely the water in the hold was forced out and the great vessel became light enough to walk off the rocks. Tugs were on hand to tow her to Quebec.

After the vessel was floated the main task was to maintain the pressure sufficiently to keep the water out until a safe harbor could be reached. The work was accomplished, however, without any serious mishap, and a vessel, which with cargo was valued at $1,000,000, was saved. The syndicate's share is one-half the valuation.

Mr. King is a graduate of McGill University and afterwards studied at Harvard. He speaks modestly of the achievement, but to him, doubtless more than to any other man, belongs the credit of originating an idea which is destined to revolutionize the methods of raising sunken vessels.

Araucaria Excelsa, 5-in. pot, 50c and 75c each, three to four tiers; 5½-in. to 6-in., $1.00, $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00 to $3.50.

Asparagus Plumosus, 4-in. pots, $1.50 per doz.; 4½-in. pots, $2.00 per doz.; extra large in 4½-in. pots, $3.00 per doz.

Asparagus Sprengeri, $5.00 per 100.

Azaleas in bloom, 75c to $20.00 each.

Begonia Gloire de Lorraine, $6.00, $9.00, $12.00 and $18.00 per doz. Also some larger plants.

Begonia Gloire de Lorraine, wire hanging baskets, $2.00, $3.00, $4.00 each, can be planted to order.

Superb Boxwood, just arrived, perfectly shaped.

Bushes for window boxes, 12 to 20 in. high from top of root ball, 75c a pair; 24 in. high, $1.00 a pair.

Pyramids, 3 ft. high, $2.50 and $3.00 a pair; 4 ft. high, $3.00 and $4.00 a pair; 4 ft. 6 in. high, $5.00 a pair; 5 ft. high, $7.00 a pair.

Boston Ferns, 5-in. pots, $3.00 per doz.; 6½-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50 and $3.00 each. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair.

Dracæna Fragrans, 6-in. pots, $6.00 per doz.; 7-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.

Dracæna Indivisa, 4-in. pots, $10.00 per 100; 5½-in. pots, $20.00 per 100.

Erica Fragrans, $1.50, $2.00 to $5.00 each.

Erica Regerminans, 75c, $1.00, $1.50 each.

Cash or satisfactory New York references.

Epacris alba, $3.00 per doz.; larger plants, 5½-in. pots, $1.00, $1.25 each.

Ardisia crenulata, berries well colored, $6.00, $9.00, $12.00, $15.00 and $18.00 per doz.

Scottii Fern, 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz.

N. Elegantissima, 5½-in. pots, $5.00 per doz.

N. Whitmani, 4½-in. pots, $6.00 per doz.

N. Piersoni, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

English Ivy, 4½-in. pots, $2.00 per doz.; $15.00 per 100, 3 to 4 ft. high.

Jerusalem Cherries, $4.00, $5.00, $6.00 per doz.

Kentia Forsteriana, combinations 3 and 4 plants in 8-in. pots, $1.50 to $3.00; 10-in. pots, $6.00 each; 14-in. pots, $15.00 to $20.00 each. Single plants, 50c to $2.00 each.

Kentia Belmoreana and Forsteriana, all sizes, single and combinations, from $1.00 to $20.00 each. Give us a trial.

Livistona Sinensis, superior to Latania Borbonica, 5-in. pots, $5.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

Pandanus Veitchii, 5-in. pots, $4.00 per doz.; 6-in. pots, $9.00 per doz.

Poinsettias in pans, low plants, $1.00 to $2.00 each.

Primula Obconica, $2.00 per doz.

Roman hyacinths in bloom, $2.50 per box.

Rubbers, 6-in. pots, $6.00 per doz.; 6½-in., branched, $9.00 per doz.; 6½-in. pots, single stem, $8.00 per doz.; 7-in. pots, branched, $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

Cash or satisfactory New York references.

Anton Schultheis

19th St. and 4th Ave., College Point, N. Y.

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AZALEAS

For Christmas. $1.00, $1.25 and $1.50 each.
Celestial Peppers, 5-in., 25c; 7-in., 50c and 8-in., $1.00 each.
Jerusalem Cherries, 5-in., 25c; 6-in., 50c each.
Romans, 5-in., 25c each.
Paper Whites, 5-in., 25c each; 6-in., 40c each.
SPECIAL—Fifty 10-inch **Bostons,** worth $4.00, for $2.50 each or $25.00 for a dozen.

FOR CHRISTMAS

A very fine lot of **Elegantissima, Barrowsii, Piersoni, Scottii, Whitmani** and **Boston Ferns,** in 4 5 and 6-in. pots.
Chinese Primroses, 4-in., $12.50.
Primula Obconica, 4-in., $12.50.
Baby Primroses, 4-in., $12.50.
Rex Begonias, 4-in., $15.00.
Write us for new price list.

GEO. A. KUHL, Pekin, Ill.

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POINSETTIAS

To close, 2½-in., $4.00 per 100.
Hydrangeas, 2½-in. ..... $8.00 per 100
" 4-in., pot-grown, $8.00 to 10.00 per 100
" 5-in., pot-grown ..... 20.00 per 100
Variegated Vincas, 2-in. ..... 2.50 per 100
Begonia Sandersoni, 2½-in. .. 3.00 per 100

Mum Stock Plants

C. Touset, Early White.....$1.00 per doz.
The following at $1.00 per doz.; $6.00 per 100:
Pink, Glory Pacific, A. J. Balfour, Wm. Duckham, Vivland-Morel, Maud Dean. **White,** Alice Byron, Polly Rose, Ivory, White Jones. **Yellow,** Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.
CASH WITH ORDER.

S. N. PENTECOST
1790-1810 101st St., N. E., CLEVELAND, O.

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ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

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Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

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Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

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A Great Bargain

in **Boston Ferns** to clean them out at the following low prices, extra fine plants, out of 6-in., $40.00 per 100; 5-in., $20.00 per 100; 4-in., $12.00 per 100; 3-in., $7.00 per 100. **Rubber plants,** 5-in., $2.50 per doz. **Violets,** Princess of Wales, $4.00 per 100. CASH PLEASE.

CONVERSE GREENHOUSES, WEBSTER, MASS.

Mention The Review when you write.

Bay Trees,

BOX TREES and
Choice EVERGREENS
for outside decorations

BOBBINK & ATKINS
Rutherford, N. J.

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CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

FURNISHES THE MOST NICOTINE FOR THE MONEY!

Tobacco Paper "NICO-FUME" LIQUID

Is the
STRONGEST,
BEST PACKED,
EASIEST APPLIED

24 sheets....$0.75
144 sheets.... 3.55
288 sheets.... 6.50
1728 sheets....35.10

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine
By far the
CHEAPEST.

Just Note Prices!

Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

WE INVITE THE FULLEST COMPARISON

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To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine.
FOR SPRAYING.

FUMIGATING PAPER
FOR BURNING.

Fumigating Powder
FOR SLOW BURNING.

DUSTING POWDER
FOR VEGETABLE GROWERS.

You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT
76-78 Wabash Ave., CHICAGO

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WILSON'S PLANT OIL

KILLS YOUR SCALE.

Take a can of the oil, dilute to four times its bulk with water and then spray or wash your plants. Prices—⅛ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.

Andrew Wilson, Dept. 5, Summit, N. J.
or H. A. Dreer, Inc., Philadelphia.

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Tobacco Stems

Fresh and strong, bales weigh 250 to 500 lbs., 75c per 100.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

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DON'T LET YOUR ROSES MILDEW.



USE THE **PEERLESS SULPHUR BLOWER.**

EVERY GROWER SHOULD HAVE ONE. Saves Time and Money. Distributes equally well Lime, Slug Shot, Tobacco Dust, Paris Green or any powder. Circular with testimonials on request.
If your seedsman does not handle it, order direct. Price $4.00 F. O. B. Chicago.

EDW. E. McMORRAN & CO, 15-21 North Clinton Street, CHICAGO.

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WATERPROOF
Cut Flower and Design Boxes

PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.

THE BLOOMER BROS. CO., ST. MARYS, O.

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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....USE....

MAGNET GLUE

to put address Labels on your shipments.

IT'S WATERPROOF

Write for particulars.

R. Y. BRADSHAW & CO.
5 to 17 W. Madison St., Chicago

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USE A STEAM TRAP.

I am building a range of houses and in excavating for the boiler pit I struck water four feet below the surface. Can I heat economically with the boiler two or three feet below the greenhouse floor by using a trap? What is the best system for me to install? J. L. J.

If you are to use steam, and can maintain a minimum pressure of six pounds upon the system at all times, you should have no difficulty in getting satisfactory service from a return trap by bringing all the condensation back to a hot well and lifting it from the well to boiler by means of a return trap. L. C. C.

TROUBLE WITH HEATING.

I have installed a boiler which is not doing well. My house is 18x100 feet. The heater is 2½x10 feet, and has twenty-two 3-inch flues, one 3-inch outlet in the top for the flow and one 3-inch in the bottom for the return. The overhead system of piping is used. There is one 3-inch flow under the ridge, with a rise of eighteen inches above the boiler and then gradually rising to the other end of the house, where I have a vent pipe about a foot higher than the expansion tank, which is above the heater, connected to the return just before entering the boiler. This flow feeds six 3-inch returns, which are under the benches, gradually sloping to the heater. Can one 3-inch flow feed six 3-inch returns? Is one 3-inch outlet for the flow enough, or would two flows be better? The grate is 2½x2½ feet and the area of the flue is 12x16 inches. Is my number of pipes sufficient for a temperature of 50 degrees in Kentucky climate? G. O. K.

The piping you have installed is as nearly correct in amount as it is possible to make it for a temperature of 50 degrees. The arrangement is satisfactory and the sizes are all right. The 3-inch flow should feed the six returns without difficulty. The only changes I can suggest are these: Place an aircock at the place now occupied by the vent pipe, then elevate the expansion tank to at least fifteen feet above the top of the boiler, make a good fire and note results. Open the air valve a couple of times a day to see that there is no air in the system. With these changes you should get good results. L. C. C.

PIPE FOR HEATING.

Will you kindly advise me how to pipe a house 18x30, nine feet at the back and four feet in front? One end butts against the boiler-house, the other end and front to be glazed. The house faces the south. I wish to use a 3-inch flow and 2-inch returns and have pipe enough to maintain a temperature of 50 degrees in zero weather. F. H. P.

By using a single 3-inch flow and eleven 2-inch returns you can heat the house to the desired temperature. If you wish to use two flow pipes instead of one, arrange a flow and five 2-inch returns on either side or under the benches. In this arrangement there would be two 3-inch flow pipes and ten 2-inch returns. L. C. C.

WILKS GREENHOUSE HEATERS

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO NIGHT FIREMAN REQUIRED

Can be used with either HARD OR SOFT COAL.

SEND FOR OUR NEW CATALOGUE.

MADE BY

S. WILKS MFG. CO.
35th and Shields Avenue,
CHICAGO, ILL.



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FLORISTS' WIRE WORK
Wm. E. HIELSCHER
DETROIT, MICH.
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DO YOU KNOW ABOUT THE

Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO. 288 Dearborn St. CHICAGO

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High-Grade Boilers

Get our Catalogue For GREENHOUSES

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

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Suppose the above heater were heating **your** establishment. You can **see** that it uses **all** of the **Fire.** The **fire** is what does the business. Why burn up any of your profit which might be saved?

Investigate! Write Us!

Let us send you a catalogue. Remember, they burn any kind of fuel.

COLUMBIA HEATER CO.
BELVIDERE, ILL.
Sales Dept., 36 Dearborn St, Chicago

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The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy, carriage charges prepaid.

GLASS

Write us if you intend building the coming season and we will keep you posted on **GLASS** conditions. We have the kind of Glass you want. Some bargains in a few sizes left over. Don't buy your **GLASS** until you have written **HEADQUARTERS.**

SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET **CHICAGO**

The John Davis Co.

Halsted, 22d and Union Street

CHICAGO, ILL.

Manufacturers and Wholesalers of

Wrought Iron Pipe
Cast-Iron Fittings
Valves, Pumps
Steam Traps

and everything used in a Steam Plant

A majority of the Houses are changing from water to steam. The only pipe to use is the genuine **Wrought Iron** and "Byers" is the best made. WRITE US FOR PRICES.

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BASSETT & WASHBURN
POEHLMANN BROS. CO.
GEORGE REINBERG
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The Pittsburgh Plate Glass Co.

422 Wabash Avenue,

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GREENHOUSE GLASS
A SPECIALTY.

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DEPENDABLE PAINT
DEPENDABLE PUTTY
DEPENDABLE GLASS

At the lowest prices consistent with quality.
GREENHOUSE GLASS A SPECIALTY.

JOHN LUCAS & CO.

328-330 Race St., PHILADELPHIA
Branch Offices in Chicago and New York

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SIEBERT'S ZINC
Never Rust
Glazing Points

ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ⅞. 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade

SIEBERT COMPANY, Sta. B., Pittsburg, Pa.

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PROTECTION!!!

of your plants from freezing. This can only be done by using a celebrated

LEHMAN WAGON HEATER



☞ 350,000 are in use by **Florists,** horsemen, doctors and farmers. They burn **Lehman Coal** (from which there is no smoke or danger), at a cost of less than ½c per hour.

CAN YOU AFFORD TO BE WITHOUT ONE? BEWARE OF IMITATIONS.

LEHMAN BROS.
MANUFACTURERS
10 Bond Street, NEW YORK

For circular and price list write
J. W. ERRINGER, General Western Sales Agt.
45 E. Congress St., CHICAGO, ILL.

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You Should Be Interested In This

STEAM TRAP

It is a money saver and is a remedy for your steam heating troubles. Write us.

MOREHEAD MFG. CO.
1043 Grand River Avenue
DETROIT, MICH.

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FURMAN BOILERS

SAVE FUEL

Write for Catalogue

See advertisement in last week's Review and watch for it next week,

THE HERENDEEN MFG. CO., Geneva, N. Y.

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Holds Glass Firmly
See the Point

PEERLESS

Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.

HENRY A. DREER,
714 Chestnut St., Phila., Pa.



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Kroeschell Bros. Co.

IMPROVED

Greenhouse Boiler.

51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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FLORISTS' REVIEW

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The Whilldin Pottery Co.
STANDARD FLOWER POTS
Our output of Flower Pots is larger than any concern in the World
Our Stock is always Large and Complete
Main Office and Factory.
713 WHARTON STREET, PHILADELPHIA
Warehouses: JERSEY CITY. N. J. LONG ISLAND CITY. N. Y.



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BUFFALO.

Thanksgiving Observations.

After fuller inquiry among my brother florists I find without exception that Thanksgiving business was good with all. It may not be of sufficient importance to salt down a heavy supply, a pernicious and foolish trick for any day or event. Sell at a good price when the demand comes and you will be happier all-round, and remember your customers will always forget and forgive what at the moment they may think an aristocratic price, but seldom will forget that you sold them old, off-colored flowers.

Thanksgiving is certainly not a plant time because there is a dearth of nice plants about then, yet from the turkey day just passed we shall remember that it will be wise to have a good supply of all the leading flowers. W. J. Palmer said all good flowers went quickly. Miss Rachel Rebstock said mums and violets appeared to be the favorites. S. A. Anderson mentioned violets and valley as his leading offerings. H. Keitsch & Son made a specialty of fine mums and carnations. Louis H. Neubeck made a specialty of orchids, with Oncidium varicosum Rogersii in the lead, and Mr. Belsey, on the high-toned west side, had a fine show of Eucharis Amazonica and Lycaste Skinneri. Byrne Bros., on Delaware avenue, thought carnations were in greatest demand. It is good to have a variety, both in taste and supply.

Various Notes.

We were pleased a few days ago to see S. S. Pennock, of Philadelphia. We don't think this cultivated gentleman was traveling for his health or to push business. We may be mistaken, but we think it was more a friendly call to say how-do-you-do to that army of people who do business with his house but never saw his William Penn-like features and his brotherly-love smile.

Another pleasure was the return to life of Walter Mott in the interest of Bobbink & Atkins. Walter has been in retirement for some years in the pretty little city of Jamestown, but finding the seed business there did not grow by leaps and bounds he gave it up and is back again at the old calling he knows so well.

Thanksgiving gave us a chance to test the usefulness of the "Ever Ready Pot Cover," invented and manufactured by William Greever, who is in the employ of W. J. Palmer & Son, of this city. We believe this cover will fill a long-felt want and save lots of valuable time and labor. It will be at Christmas, Easter and other rush times that these ever ready covers will be most appreciated.

W. S.

The Review is the florists' best paper.
—L. J. Brosemer, Oswego, N. Y.

IONIA FLOWER POTS
WHEREVER USED. HOWEVER TESTED
Have always merited and received the commendation of the best florists for **Smoothness, Porosity and Durability.**
Always skilfully packed and promptly shipped. May we have your order?
IONIA POTTERY CO., IONIA, MICH.
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KELLER POTTERY CO.
Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA.
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Kramer's Pot Hanger
For Sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.
I. N. KRAMER & SON, Cedar Rapids, Iowa
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RED
Standard Flower Pots
Price list and samples on application.
PADUCAH POTTERY CO., INC.
PADUCAH, KENTUCKY
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Red Standard Pots
Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application
HARRISON POTTERY, Harrison, Ohio.
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Starved Rose Bushes NEVER BLOOM
and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.
Don't Starve the Roots.
Put away your bushes this fall with plenty of fall and spring food for the roots.
The richest root food, stem and bloom producer you can use is
WIZARD BRAND PULVERIZED SHEEP MANURE
It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.
Special prices to florists and greenhouse operators. Write for booklet.
The Pulverized Manure Co.
33 Exchange Ave., Chicago.



Always Mention the FLORISTS' REVIEW When Writing Advertisers

FARTHER NORTH. "It is the lightest and strongest house imaginable."

HALL & ROBINSON,
Montreal, P. Q.

NORTH. The lightest and most perfect greenhouse construction yet attempted. Best crop of beauties I ever had.

J. H. DUNLOP,
Toronto, Ont.

NEW ENGLAND. "No shade in my new house, crop is a record breaker."

J. A. LONG,
East Haven, Conn.

EAST.

"So well pleased with all points, we intend to build more of them."

G. MATTHEWS,
Great Neck, N. Y.

CENTRAL.

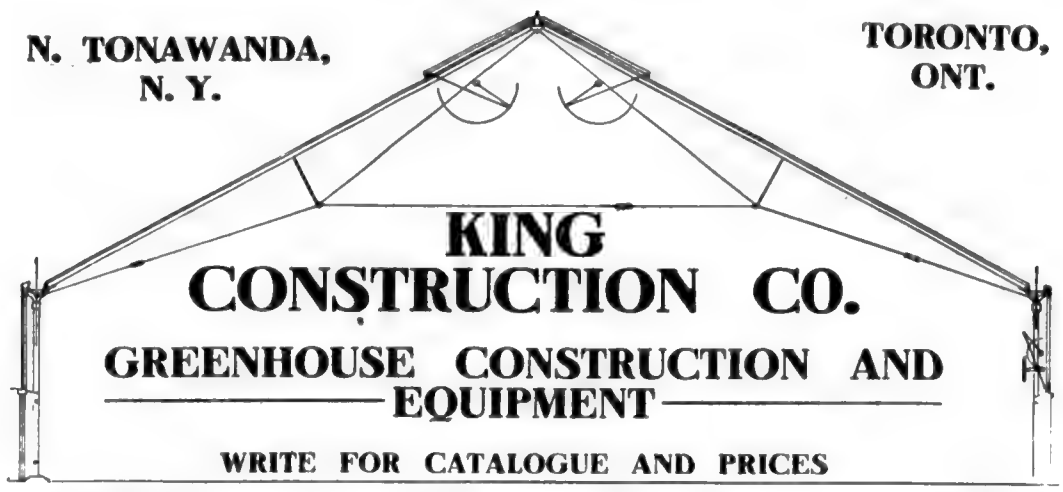
"Lightest house on the place, strong as a bridge."

W. J. PALMER & SON,
Buffalo, N. Y.

><

N. TONAWANDA, N. Y.

TORONTO, ONT.



KING CONSTRUCTION CO.

GREENHOUSE CONSTRUCTION AND EQUIPMENT

WRITE FOR CATALOGUE AND PRICES

EXTRACT from a letter received from J. J. Lampert & Sons, Xenia, Ohio: "We have the larger house planted to mums now and they have outgrown considerable stock that was planted a month earlier in this locality. Also we have one house planted to roses which are doing nicely. We like the houses ever so much and would not have anything else again."

Signed, J. J. LAMPERT & SONS.

THE KING GUTTER is a great advance on anything else of the kind. **The E. G. Hill Company,** who have used them in their new range of 100,000 feet just complete, write: "Everything fits admirably and we are much attached to the **King Gutters.** We think that the next time we build we will use the entire **King Construction.**"

FAR WEST.

"After making a trip East to see all constructions am ordering yours. Best in every way."

C. H. HOPKINS,
Kent, Wash.

WEST.

"They are perfect in every way."

C. F. MALER,
Denver, Colo.

><

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CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap, durable.**
To try them once is to use them always.

Size No. 0	3x4x20	$2.00	per 100,	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2.00	"	19.00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
" No. 6	3x8x28	3.75	"	36.00	"
" No. 7	6x16x20	5.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
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" No. 11	3¼x5x30	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.

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SEE THAT LEDGE.

Pat. Sept. 18, 1900.



THE JENNINGS IMPROVED IRON GUTTER.

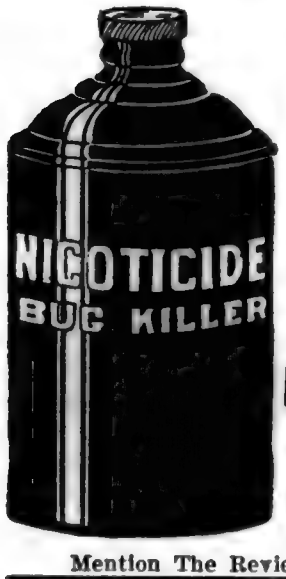
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Patent Iron Bench Fittings and Roof Supports

Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco, Extracts, Etc.

SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 6th and Berks Sts., PHILADELPHIA, PA

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THE BEST Bug Killer and Bloom Saver.

Drop us a line and **we will prove it....**

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THE J. W. SEFTON MFG. CO.

CHICAGO, ILL., and ANDERSON, IND.

FLOWER BOXES, CORRUGATED SHIPPING BOXES, CORRUGATED and PARAFFINED LIVE PLANT BOXES

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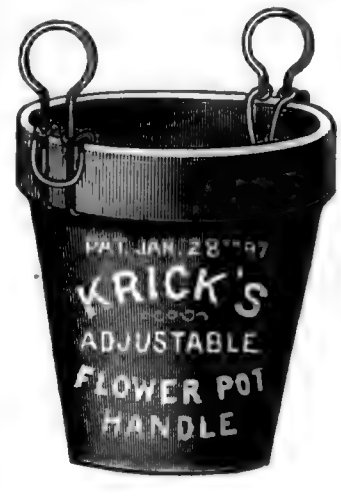
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If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL,** published weekly and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL,** published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

Address The Horticultural Printing Co.
BURNLEY, ENGLAND.

THE PERFECT FLOWER POT HANDLE AND HANGER



Is used for lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc.

Will sustain a weight of 100 lbs.

No 1 will fit from 2 to 5-in. pots, per doz..30c; **No. 2** will fit from 5 to 8-in. pots, per doz..40c; **No. 3** will fit from 8 to 12-in. pots, per doz., 50c; postage, 10c extra per doz.; sample pair, 10c, postpaid.

For sale by all Florists' Supply Dealers.

W. C. KRICK, 1164-66 Greene Ave. **Brooklyn, N. Y.**

Mention The Review when you write.

H AND C

What Does a Material Supply Concern Know

about the faults in its materials if they supply materials only and never erect their own houses? If you want the best there is in up-to-date materials, you'll buy them of greenhouse builders and not lumber people or planing mills. We are greenhouse builders.

HITCHINGS AND CO.

GREENHOUSE DESIGNERS AND BUILDERS.

Manufacturers of Heating and Ventilating Apparatus.

1170 Broadway, NEW YORK.

H AND C

Mention The Review when you write.

KALAMAZOO, MICH.

The Market.

Thanksgiving was satisfactory and we are looking now for a good Christmas trade. Roses were in full crops and the cut will be lighter for Christmas, but heavy enough to meet demands. Carnations are of good quality, but slow coming in. Christmas bells seem to be a thing of the past with the florists, as every store in town is dangling full of them.

Various Notes.

The Dunkley Floral Co. lost about six boxes of glass in the recent storm. The wind blew off some ventilators and made things lively for a while.

Grofvert & DeSmit's carnations are fine, especially a bench of Queen is in pink of condition. Roses, callas and pot plants are grown here and are doing well.

S. Batson's place is reported to be in good shape. Baby primroses, snap dragon, ten weeks' stocks, and carnations are grown for the wholesale market.

G. Van Bochove & Bro. had a busy Thanksgiving. From 3 a. m. until closing time immense quantities of carnations, roses and mums were handled. Potted mums went well, also other potted plants. Extra help for store and extra teams had to be hired for city delivery. They are also planning to erect three more houses, 27x300, at their new location. The ground already is graded, but the setting in of winter stops further progress. When completed they will have 125,000 feet of glass.

The Central Michigan Nurseries did good business at the old stand. There was a nice supply of roses, carnations, mums and other cut flowers. Their greenhouses are looking well. Carnations are arriving in good shape.

F. W. Meyers, the riverside florist, reports good trade at the cemetery. His carnations are fine. He also intends to put up a house for carnations, 22x200, the coming season. H. M.

Merrill, Wis.—N. Greivelding has two new short-span greenhouses in fine shape. He has five beds in carnations doing well. The beds are one foot high and have a drainage channel under them filled with stones.

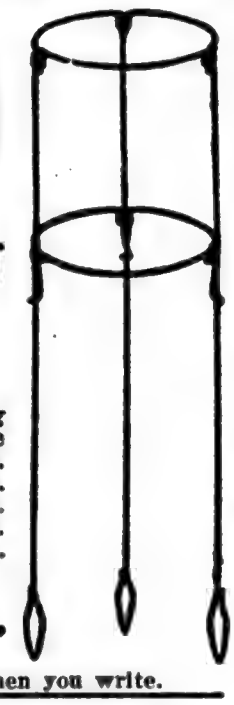
...THE...

Model

EXTENSION CARNATION SUPPORT

Also Galvanized Steel Rose Stakes and Tying Wire

Endorsed by all the leading carnation growers as the best support on the market. Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.



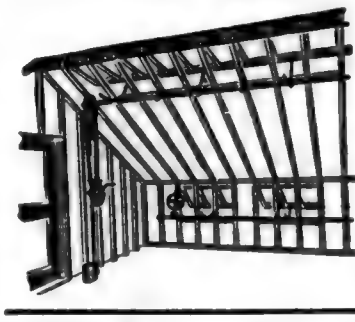
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63-71 Metropolitan Ave., BROOKLYN, N. Y.

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THE

NEW WOLF ROLLER BEARING PIPE



and improved cable ventilating machines are the most powerful on the market. Send for catalogue.

A. Q. Wolf & Bro.

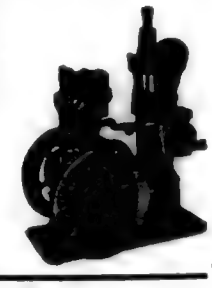
Dayton, O.

STANDARD Pumping Engines

As a supply of water is an absolute necessity in your business the means for pumping it is worthy of your careful attention. Better find out how we can help you.

The Standard Pump & Engine Co.

CLEVELAND, OHIO.



NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms.

Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.

A. & C. PEARSON

Lowdham, Nottingham, England

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Here is the rest of David McFarlane's letter about U-Bar houses: "I consider the U-Bar style of construction as far ahead of the ordinary iron frame as the iron frame surpassed the old wooden house with 8x10 glass. My predictions are that all up-to-date horticulturists will demand this method in the future." Mr. McFarlane is gardener to Mrs. H. Walter Webb, Scarborough, N. Y. Send for U-Bar catalog. **Pierson U-Bar Company, Designers and Builders of U-Bar Greenhouses,** Metropolitan Building, 4th Avenue and 23rd Street, New York.



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Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

THE FOLEY MFG. CO.

Wishes you all A Merry Christmas and A Happy New Year and so much prosperity that you will surely build more greenhouses.

When in Need of Information, Write Us

We will give you advice and our best services.

Our special business is to design greenhouses and furnish the material to build them.

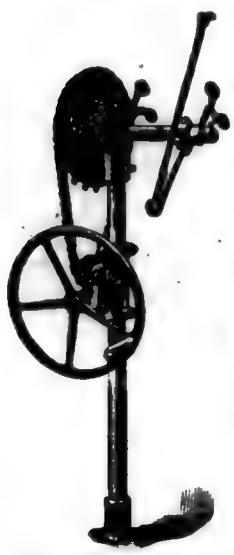
We have had much experience and will not mislead you—Send for our illustrated catalogue.

.... Address ....

471 West 22nd Street, CHICAGO, ILL.

After March 1, 1907, we will be in our model new factory and extend you an invitation to come and see us.

Mention The Review when you write.



Doubtless, you have been waiting

a long time for ventilating apparatus at a reasonable cost before equipping your houses, or a line that does the work so satisfactorily that it is a pleasure to have in the house. Our customers are all highly pleased with the service we give them. We are quite certain that our prices will suit you. At least give us a chance to figure with you.

THE ADVANCE CO.
RICHMOND, IND



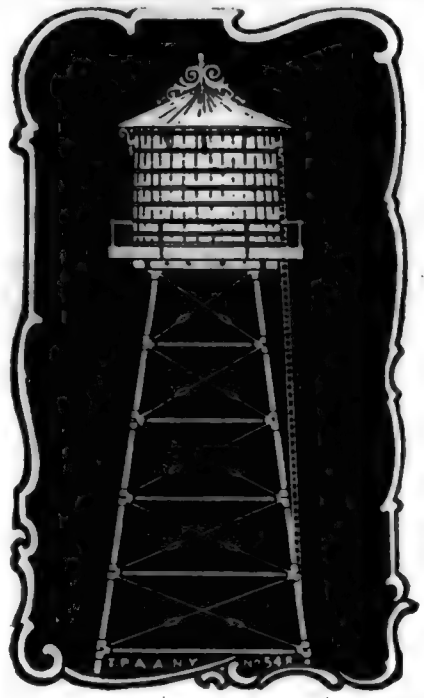
Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works
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THE FLORISTS' HAIL ASS'N HAS PAID $101,000.00
for glass broken by hail in the past twenty years.
For particulars address
JOHN G. ESLER, Sec'y, Saddle River, N.J.



"Always safe and reliable. Ask your friends."

There is no doubt or guesswork as to the class of service rendered by

Caldwell Tanks and Towers

A tank that don't continually leak or require repairs, that don't wear out or decay, and a tower that is enormously strong as well as sightly is what you get with the Caldwell outfit. This is secured through the use of materials of demonstrated durability, engineering principles that guarantee strength and stability in abundance, and construction by experts who make no mistakes in following plans and specifications. The thousands of these outfits erected by us the 25 years and more we have been building them, testify to our skill and experience in the business and the wisdom of their users in buying them.

Get illustrated catalogue.

W. E. CALDWELL CO.
LOUISVILLE, KY.

TANKS (Steel-Wood Galvanized) TOWERS

Wind Mills—Pumps—Gas Engines

Mention The Review when you write.

PEOPLE who know a good thing when they see it, and will take advantage of the same, must be possessed with good judgment and are generally successful. One of our successful growers has this year taken out 6000 feet of wooden gutters, which were only 5 years old, and replaced the same with 6000 feet of the **GARLAND IRON GUTTER,** this being his fifth annual order.

Our long list of orders of this kind is our best reference. By writing any of the large growers at Chicago you will confer a favor on the

GEO. M. GARLAND CO., - DES PLAINES, ILL.

Mention The Review when you write.

Christmas Greetings

WE wish every one a Merry Christmas and want to thank all of our customers for the liberal patronage given us during the year now closing. The large amount of business given us this year has made a new addition to our factory necessary and we hope to hear from every one who intends to build next year. We hope that your Christmas will be a happy one in every way.

John C. Moninger Co.

Greenhouse Construction Material

129 E. Blackhawk Street, CHICAGO

FOR SALE

GLASS New American, 50 sq. ft. to the box, 10x12 single, $1.75 per box; 10x12, 12x12, 10x15 double, $2.55 per box; 12x14, 12x20, 14x14, 14x20, double, $2.70 per box; 16x16, 16x18, $2.90 per box; 16x24, double, $3.15 per box; 16x20, 16x22, $3.00 per box. Second-hand, 8x10, $1.50 per box; 10x14, double, $1.75.

GARDEN HOSE New, ¾-in., guaranteed 100-lb. pressure, 7½c per ft.; ¾-in., not guaranteed, 4¾c per ft.

HOTBED SASH New, Cypress, 3x6 ft., from 75c up; glazed, complete, from $1.60 up. Second-hand, in good condition, all glass in, at $1.25 and $1.00 each.

PIPE Good, serviceable, second-hand, with threads: 2-inch, 7c; 1½-inch, 5½c; 1¼-inch, 4c; 1-inch, 3c; 2½-inch, 10c; 3-inch, 14c; 4-inch, 19c. New, 2-in., 8½c per foot. Old and new fittings and valves.

GET OUR PRICES ON

Boilers, Pumps, Stillson Wrenches, Stocks and Dies. Pipe Cutters, Pipe Vises, Cypress Material, Etc.

METROPOLITAN MATERIAL CO.

1898-1408 Metropolitan Ave., BROOKLYN, N. Y.

Mention The Review when you write.



The Standard Ventilating Machinery

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, O.

Always mention the Florists' Review when writing advertisers.

Greenhouse Material

LOUISIANA CYPRESS — WASHINGTON RED CEDAR



This cut shows the Dietsch Construction employed at a well-known place near Chicago.

HOTBED SASH,

IRON AND TENNESSEE RED CEDAR POSTS

GREENHOUSE HARDWARE AND FITTINGS

QUALITY IS THE FIRST CONSIDERATION in all our material, but those who have not had our quotations will be pleased to know how reasonable our prices are.

WE MAKE ALL STYLES OF HOUSES, including the Dietsch Patent Short-Roof Construction, and the large number of our satisfied customers, also in the Eastern States, is the best proof to us that the trade recognizes the excellence of our goods.

A. DIETSCH CO.

615-621 Sheffield Avenue, CHICAGO.



A BIRD'S-EYE VIEW OF OUR ESTABLISHMENT

PRACTICALLY ALL BIG GROWERS NOW REALIZE THAT BY FAR THE BEST MATERIAL FOR GREENHOUSE BENCHES IS

PECKY CYPRESS

NOT A HANDSOME LUMBER, BUT IT NEVER ROTS—LASTS SEVERAL TIMES AS LONG AS THE BEST HEMLOCK.....

The demand has become so heavy that our large supply was exhausted and many late buyers were disappointed last season. Growers can very closely forecast their wants and should

PLACE ORDERS NOW

for delivery March to June, 1907. Can ship in any quantity to any R. R. station in the U. S. Ask for prices, either F. O. B. Chicago, New Orleans, or your own station.

REFERENCES:—Ask the following growers, whom you all know, if Pecky Cypress is not the best bench material.

Peter Reinberg, 51 Wabash Ave., Chicago; **Wietor Bros.,** 51 Wabash Ave., Chicago; **Adam Zender,** Rogers Park, Chicago; **Weiland & Risch,** 59 Wabash Ave., Chicago; **South Park Floral Co.,** New Castle, Ind.; **Matt Weiland,** Evanston, Ill.; **Poehlmann Bros. Co.,** Morton Grove, Ill.; **Bassett & Washburn,** Hinsdale, Ill.; **Sinner Bros.,** 58 Wabash Ave., Chicago; **Wm. Scott,** Buffalo, N. Y.; **J. A. Budlong Est.,** 37 Randolph St., Chicago; **John Weiland,** Evanston, Ill.

THEY ALL USE IT IN PREFERENCE TO ANY OTHER MATERIAL

We furnish Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts and everything in Pine and Hemlock Building Lumber. Get our prices on anything you need.

Adam Schillo Lumber Co.

Cor. Weed and Hawthorne Aves., Phones North 1626 and 1627 **CHICAGO**

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IRON AND TENNESSEE RED CEDAR POSTS

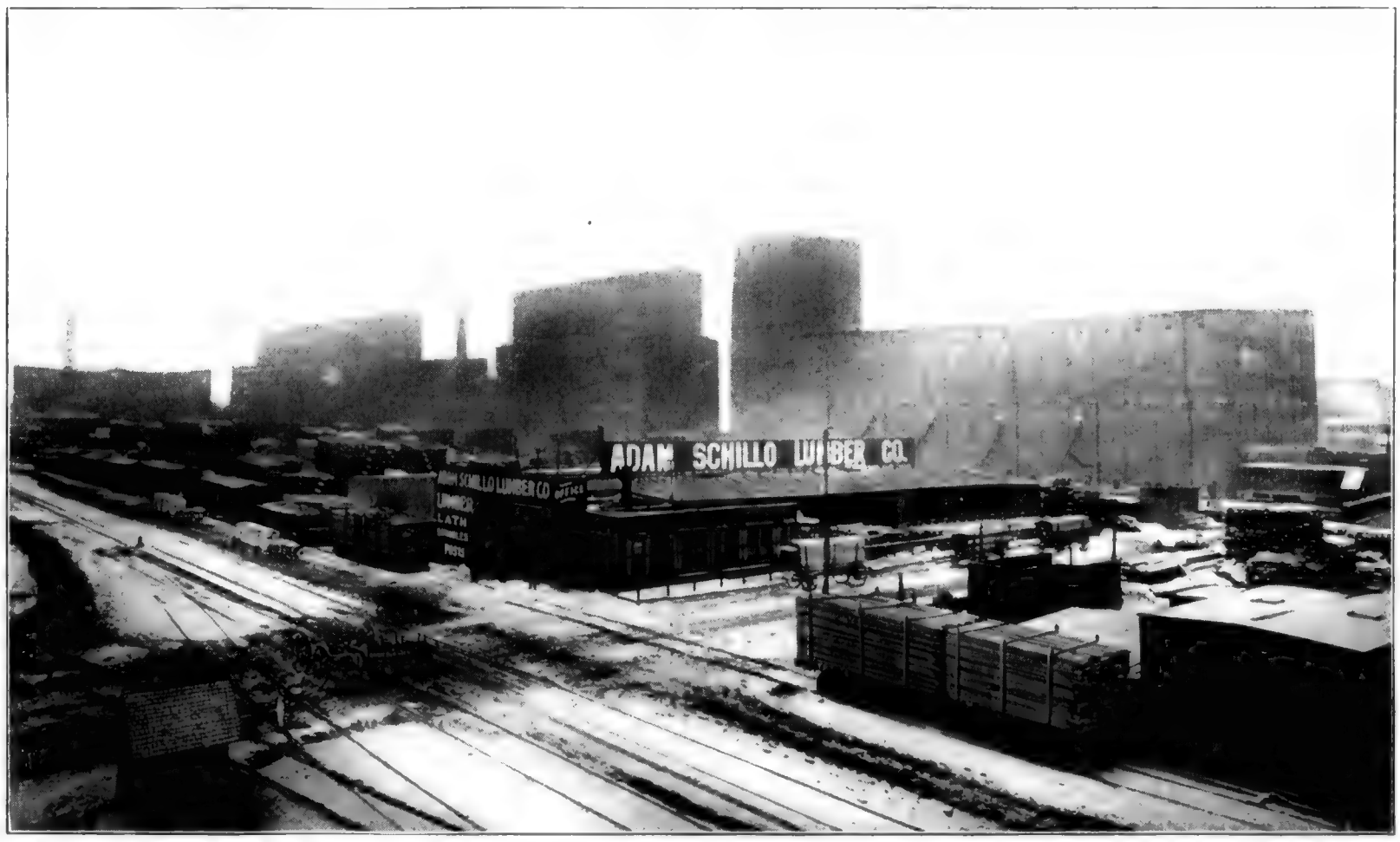
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Adam Schillo Lumber Co.

Cor. Weed and Hawthorne Aves., **Phones North 1626 and 1627** **CHICAGO**



We want to have a regular heart to heart talk with you florists, just such a talk as we would have if you called at our New York Office for a price on one of our "bang-up" greenhouses, and when you heard the price—went away and said you "would call again"—but had not called yet—so we called upon you. Probably you would say something like this to us: "Oh, yes, of course, your house is a fine house, we know they'll last, but it's a little more money than we figured on spending just now, so we've about made up our minds to buy our materials locally and do our own erecting." That's just the sort of reply to make us take our coat off and turn our guns on you.

First—Are these local mills equipped with foundry, machine shop, galvanizing plant, priming tanks, etc., to give you every sort of material for your greenhouse? If they never erect their houses, can they know what up-to-date requirements are?

Second—Do they bring their own Cypress direct from the gulf and have millions of feet air-drying two years before a stick is used?

Third—Can you go to their factory and actually see them cutting both blue and white sap places right out of their timber and burning it in their boilers?

Fourth—Do they mill their own materials and furnish the right things to go into the latest improved houses or do they sell materials on hand—a plain lumber selling proposition?

Fifth—Can these concerns' heavy wooden plate with their sashbars toe-nailed directly to it, give you a rigid house—a joint free from decay? Isn't the eave the vital spot in your house—the spot that first goes—and when it starts to go, isn't it all up with your house and you are led from year to year to make repairs that dig right into your profits until the slight additional cost of our material is swallowed up many times over? Then besides all this time you have been running a regular shade trap, giving you poor quality plants, instead of a light, clean cut, up-to-date proposition with top-notch bloom possibilities.

Now here is our suggestion: We want to supply you all the material we can, erect your house if possible—that's exactly what we are in business for—but we also want you to know that we are ready to sell you, by the foot, our ice-clearing eave plate with sashbar clasps attached; our cast iron foot pieces instead of the short-lived wooden posts you had in mind. Put even that many of our strong points into your house and they will give it a new lease of life. Then after you have tried them out you'll be ready to talk real business with us on your next house—perhaps you are ready now?

Have you any or all of our catalogs? Address Lord & Burnham Company, Greenhouse Designers and Manufacturers, 1133 Broadway, New York.

UNIVERSITY of ILLINOIS.

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, DECEMBER 20, 1906. No. 473.

GLADIOLI

for planting where your carnations have **died out.** You will find them **a profitable crop** next spring.

	100	1000
Colvillei alba (The Bride), white	$0.75	$6.00
Colvillei rubra, red	.60	5.00
Blushing Bride, flowers large, pure white with delicate pink spot	1.00	9.50
Peach Blossom, the most beautiful of all the Colvillei type of Gladiolus; color, a lovely soft pink, on the order of the Killarney rose	2.75	25.00

Arthur T. Boddington,
342 West 14th St., NEW YORK.

Asparagus

Asparagus Plumosus, 2-inch, $2.50 per 100; $20.00 per 1000.

CRIMSON RAMBLER and DOROTHY PERKINS field-grown, fine plants for Easter forcing, 4 to 6 shoots, $3.00 per dozen; $20.00 per 100.

CHRYSANTHEMUM STOCK PLANTS as follows:

175 Shaw	**75 Marion Newell**
125 Halliday	**36 Xeno**

75c per doz.; $5.00 per 100. Terms cash with order to unknown parties.

ERIE FLORAL CO., ERIE, PA., or
WM. F. KASTING, BUFFALO, N. Y.

For the Christmas Trade

I HAVE TO OFFER:

Begonia Gloire de Lorraine in finest quality.
Pandanus Veitchii, finely colored.
Boston and Scottii Ferns.
Poinsettias in pans and cut.

Price list on application.

J. A. PETERSON, WESTWOOD, CINCINNATI, O.

HYDRANGEA OTAKSA

For Easter require 3 months to force into bloom. Potted now and allowed to become established in a cool place will give best results. **Field-grown,** $6.00, $8.00, $10.00 and $15.00 per 100. **Pot-grown,** 4-inch, $6.00, $8.00 and $10.00 per 100; 5-inch, $25.00 per 100; 6-inch, $35.00 per 100; 7-inch, $50.00 per 100. A few larger sizes, up to 12-in. write for prices.

AZALEAS for Christmas. Plants in bloom. Simon Mardner Deutsche Perle and Vervaeneana, 75c, $1.00, $1.25 and $1.50 each.

ADIANTUM CROWEANUM, 3-inch, $12.50 per 100.

BOSTON FERNS—Bench-grown, $10.00, $15.00 and $20.00 per 100. Pot-grown, 5-inch, $25.00 per 100.

SCOTTII—Bench-grown, ready for 3 and 4-inch pots, $6.00 per 100.

CHRYSANTHEMUM stock plants, best standard varieties, $1.00 per doz. Send for list of varieties.

VINCA MAJOR, green variegated with light green, field-grown, $6.00 per 100.

BAUR FLORAL CO., ERIE, PA.

RED RIDING HOOD, NEW SCARLET FOR 1907

If you want to be in line get your order in early. This is the scarlet you will pay your coal bill with. Strong, healthy, well-rooted cuttings ready January 1, 1907. This speaks for the healthy condition of our stock, winning first prizes on every vase of carnations we exhibited at the Chicago Flower Show, 15 in all.

We also have **Aristocrat, White Perfection and Daybreak Lawson,** a grand variety of the Lawson family, in some respects superior to Enchantress, and many others of the best varieties.

SEND FOR COMPLETE LIST AND PRICES.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. **Joliet, Ill.**

A Limited Quantity of the New Hydrangea

Arborescens Grandif. Alba

3-year-old plants.....$1.00 each; $90.00 per 100
1-year-old plants..... .50 each; 35.00 per 100
The most useful novelty of recent years in its line.

Our New CHYRSANTHEMUM LIST

of Novelties now ready, describing the best of the new exhibition varieties and also the finest new commercials.

Mlle. Jeanne Rosette (like a big pink Nonin) scored 91. **THE THANKSGIVING PINK.**

THE E. G. HILL CO., RICHMOND, IND.

CHRISTMAS DECORATIONS

With Style in Appearance and Perfection in Workmanship.

CHRISTMAS TREES—HOLLY

Holly Wreaths, Evergreen Wreathing, Mistletoe, Immortelles, Cape Flowers, Paper Bells, etc.

BARNARD'S Illustrated HOLIDAY CIRCULAR for the asking.

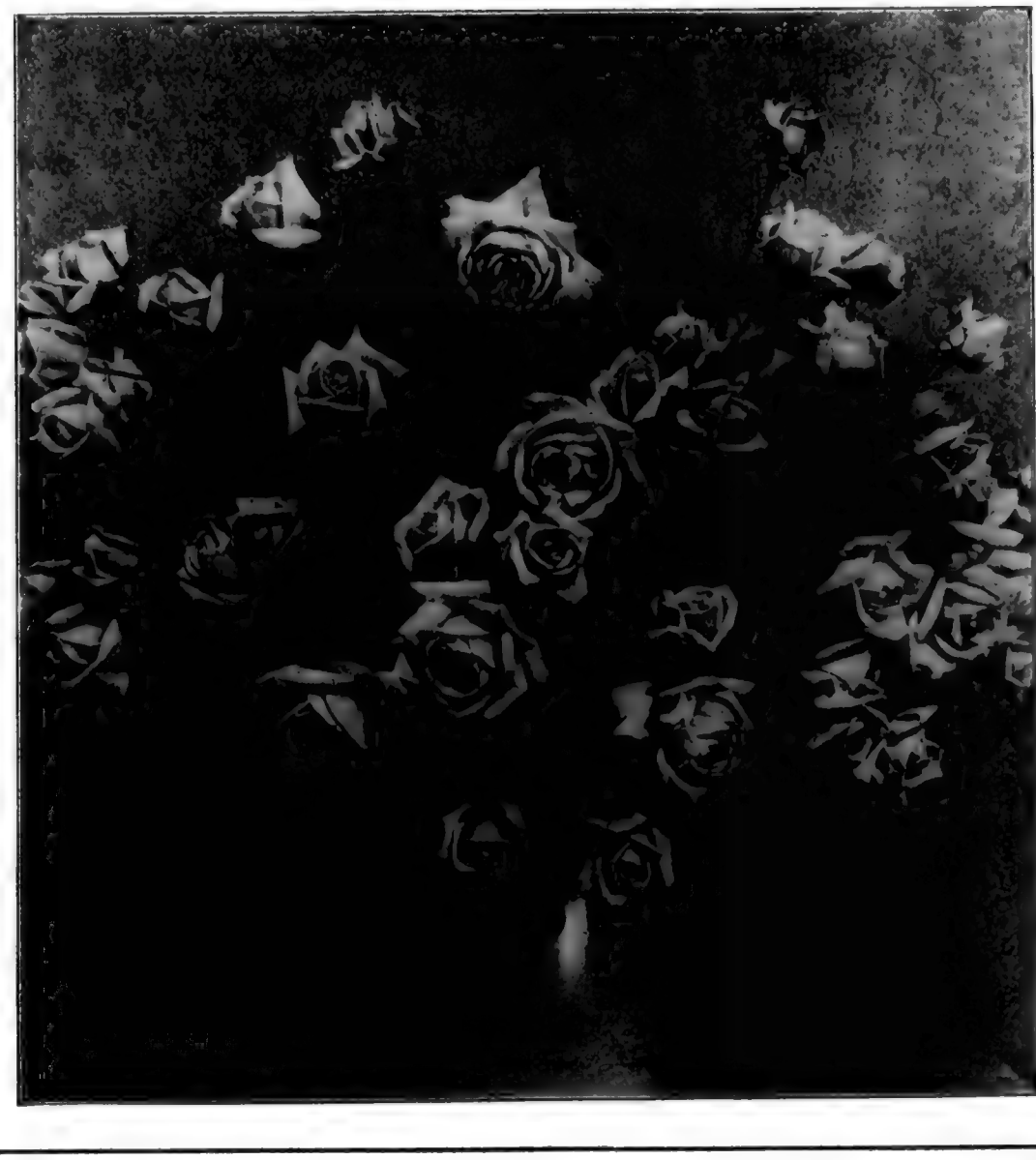
THE W. W. BARNARD CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

The New Pink Rose AURORA

...A Rose for Everybody...

This Rose is a seedling from Bon Silene and Souvenir du President Carnot. The flowers are large and full, and are produced on strong and stiff stems, with a rich dark green foliage. The color is a beautiful pink with a deeper shading in the center. The keeping quality of the flowers is excellent, and it does not lose its brilliancy of color when kept in the cellar. The habit of growth is strong and vigorous; it has absolutely no tendency to go dormant during the Winter and every shoot has a flower bud.

AURORA has inherited the productiveness of Bon Silene and has the free flowering qualities of this well known, prolific variety. It is easy to grow, and does not need a high temperature.



Plants from 2½-inch pots, own roots, $30.00 per 100; 50 at 100 rate; $250.00 per 1000; 500 at 1000 rate.

READY FOR DELIVERY ON AND AFTER MARCH 1, 1907

Order at once if you wish to secure the early prepared stock.
ALL ORDERS FILLED IN ROTATION

PAUL NIEHOFF, LEHIGHTON, PA.

QUEEN BEATRICE

Write for full description and further particulars

READ WHAT OTHERS SAY

EDWARD REID,
WHOLESALE FLORIST,
1526 Ranstead Street,
PHILADELPHIA, PA.,
March 16, 1906.

MR. F. H. KRAMER,
Washington, D. C.

DEAR SIR:—I wish to congratulate you on your new pink rose, "Queen Beatrice." I consider it a rose entirely in a class by itself, and up to the present time I do not think we have anything to compare with it. As a wholesaler, I predict an enormous demand for same, and you can feel assured that whenever the blooms are ready for market, Philadelphia wants its share.

Yours respectfully,
EDWARD REID.

BLACKISTONE,
FLORIST.
WASHINGTON, D. C.,
March 14, 1906.

MR. F. H. KRAMER,
Washington, D. C.

DEAR SIR:—Permit me to commend you on success in getting the exclusive control of the new pink rose, which you have since named Queen Beatrice.

I consider it a splendid thing, and I believe it will prove one of the most profitable varieties for the grower especially, that we have had in years.

Very truly yours,
Z. D. BLACKISTONE.

GEO. C. SHAFFER,
FLORIST,
'Phone 2416 Main.
14th and Eye Sts., N. W.
WASHINGTON., D. C.

Queen Beatrice, the new rose grown by F. H. Kramer, is a beauty. The dark green foliage, long stiff stem, and magnificent flowers, which are simply beautiful at all stages of development, from the small buds to full, open flowers, which have an agreeable fragrance, together with its color, which has a pleasing effect, are sure to make the rose popular and well worthy of the name Queen.

As a seller it ought to be unsurpassed.

GEO. C. SHAFFER.

GUDE BROTHERS CO.
FLORISTS AND FLORAL DECORATIONS,
1214 F Street, N. W.
WASHINGTON, D. C.
January 18, 1906.

MR. F. H. KRAMER,
Washington, D. C.

DEAR SIR:—In reference to the new rose, "Queen Beatrice," I am pleased to say that I have watched it growing and blooming for more than two years and believe it to be one of the best and most profitable for every cut flower grower, having all the good qualities and apparently no bad ones, it being a free grower of pleasing color on long stiff stems and plenty of them.

Very truly yours,
WM. F. GUDE.

GEORGE FIELD,
WHOLESALE FLORIST,
3507 Brightwood Avenue.
WASHINGTON, D. C.,
March 9, 1906.

MR. F. H. KRAMER,

DEAR SIR:—With regard to the rose, Queen Beatrice, I beg to state that I had quite some knowledge of it before it came into your possession. I was very much impressed with it and thought it would make a very good commercial rose; the length of stem, size of foliage and beauty of flower, both in shape and color, should strongly commend it to all rose lovers.

Yours very truly,
GEORGE FIELD.

From the man who gave the world the American Beauty.

THE GASSER COMPANY,
CHOICE CUT FLOWERS AND ARTISTIC FLORAL WORK,
Euclid Avenue,
CLEVELAND, O.
March 17, 1906.

MR. F. H. KRAMER,

DEAR SIR:—The sample blooms of your new rose, Queen Beatrice, came in perfect condition and we want to say "it is a beauty," and we find it lights up perfectly under artificial light and as to its keeping qualities, it is unsurpassed, as it was in perfect form and color several days after received by us.

Respectfully yours,
THE GASSER CO.

THE LEO NIESSEN COMPANY,
WHOLESALE AND COMMISSION DEALERS IN CUT FLOWERS, PLANTS, SUPPLIES.
1217 Arch Street,
PHILADELPHIA, PA.,
March 20, '06.

MR. F. H. KRAMER,
Washington, D. C.

DEAR SIR:—We do not hesitate to say that the Queen Beatrice would prove a very desirable acquisition to our roses. We are not in a position to speak about its productiveness, etc., we will leave that for the grower to say, but, commercially, its selling qualities are beyond question. We feel confident that we could find a ready market for the flowers, and believe, as from all accounts it is very productive. Queen Beatrice certainly will have a great future.

Wishing you success, we remain,
Yours respectfully,
THE LEO NIESSEN CO.,
Per A. W. N.

The Money-maker for Both Grower and Dealer

PRICES, SPRING OF 1907 DELIVERY: $ 30.00 per 100; $ 70.00 per 250 125.00 per 500; 250.00 per 1000

F. H. KRAMER, 916 F St. N. W. Washington, D. C.

Western Headquarters for Hudson River VIOLETS

the cream of the stock from the famous Rhinebeck growers and a large supply for the Holiday Season. **FOR CHRISTMAS** we shall also have large supplies of **Carnations, Roses, Lilies, Poinsettias** and **All Green Goods for Christmas.** Now booking orders at the following prices:

BEAUTIES	Per doz.
36-inch stems	$12.00
30-inch stems	10.00
24-inch stems	9.00
20-inch stems	8.00
15-inch stems	6.00
12-inch stems	$3.00 to 4.00
8-inch stems	1.50 to 2.00
	Per 100
Brides, fancy	$12.00 to $15.00
" good	6.00 to 10.00
Maids, fancy	12.00 to 15.00
" good	6.00 to 10.00
Liberty and Richmond, fancy	20.00 to 25.00
" " " good	10.00 to 18.00
Golden Gate, fancy	12.00 to 15.00
" " good	6.00 to 10.00
Roses, our selection	6.00
Carnations, select	4.00 to 6.00
" fancy	8.00
Violets, double	2.00 to 2.50
" single	1.00 to 1.50

	Per 100
Valley	$4.00 to $5.00
Callas	doz., $2.00
Harrisii	doz., 2.50
Paper Whites, Romans	3.00 to 4.00
Mignonette	8.00
Stevia	2.00
Leucothoe	.75
Adiantum	1.00
Smilax	doz., $2.00
Asparagus Strings	each, .50
Asparagus Sprays	bunch, 35c to 1.00
Sprengeri	bunch, .35
Galax	per 1000, 1.25 .15
Ferns	per 1000, 2.00 .25
California Pepper Berries	$5.00 case of 4 cubic feet
Red Berries	$2.00 to $5.00 case
Boxwood	$7.50 per 50 lb. case
Holly	$4.50 per case; 10 cases, $40.00
Wild Smilax	$5.00 per large case
Mistletoe	25c per lb.

Subject to change without notice.

Let us have your order and we will take the best of care of you.

VAUGHAN & SPERRY

Wholesale Florists, 58-60 Wabash Ave., CHICAGO

C. W. McKELLAR

Long Distance Phone, Central 3598

51 Wabash Avenue, CHICAGO



ORCHIDS for CHRISTMAS

Wire or Phone Orders

We will take care of late orders if stock is to be had in the market.

ORCHIDS, a specialty	Per doz.
Cattleyas	$9.00 to $12.00
Dendrobium Formosum	5.00 to 6.00
Cypripediums	3.00
Assorted Orchids, per box	5.00 to 25.00
Beauties, Extra Fancy	12.00
" 24 to 36-in. stems	8.00 to 10.00
" 15 to 20-in. stems	5.00 to 6.00
" Short stems	1.50 to 3.00
	Per 100
Brides, Maids, Ivory, firsts	$12.00 to $15 00
" " " seconds	6.00 to 10.00
Perle, Gate, firsts	10.00 to 15.00
" " seconds	6.00 to 8.00
Liberty, Richmond	10.00 to 25.00
Chatenay, Sunrise, firsts	12.00 to 15.00

	Per 100
Chatenay, Sunrise, seconds	$8.00 to $10.00
Roses, my selection	6.00
Carnations, large fancy	6.00 to 8.00
" good stock	4.00 to 5.00
Violets, double	2.00 to 2.50
" single	1.50 to 2.00
	Per doz.
Poinsettias, fancy	$3.00 to $4.00
" small	2.00 to 2.50
Callas, Harrisii	2.00 to 3.00
	Per 100
Valley	$4.00 to $5.00
Paper Whites, Romans	3.00 to 4.00
Stevia	1.50 to 2.00

	Per 100
Mignonette	$4.00 to $8.00
Marguerites	1.00 to 2.00
Smilax, per doz.	2.00
Asparagus, per strings	.35 to .50
Plumosus, Sprengeri, per bunch	.35 to 75
Adiantum, per 100	1 00 to 1.50
Ferns, per 1000	2.00
Galax	1.00
Leucothoe, per 100	.75
Red Berries, per case	2.00 to 3.00
Mistletoe, per lb., 25c; 25 lbs.	5.00
Boxwood Sprays, per lb.	.15
Wild Smilax, per case	$3.00, $4.00, $5.00, 6.00

Prices subject to change without notice.

POEHLMANN BROS. CO.

.. .. WHOLESALE GROWERS OF .. ..

Cut Flowers

33-35 Randolph Street, Long Distance Phone Central 3573 CHICAGO, ILL.

We will have a large supply of all stock for Christmas.

THERE will be a greater demand for Cut Flowers this Christmas then ever before, on account of the great prosperity throughout the country. It will therefore be well to send us your orders early for booking. These orders take precedence in being filled before late orders which usually come in at the 11th hour.

Christmas Price List

In effect December 20, 1906. **Subject to change without notice.**

Roses

	Per 100
Maid, Bride, Chatenay, select	$15.00
" " " " first.	12.00
" " " " med.	$ 8.00 to 10.00
Richmond, Killarney, select	25.00
" " " first	18.00 to 20.00
" " " med	12.00 to 15.00
Sunrise, Perle, Gate, select	12.00 to 15.00
" " " " first	8.00 to 10.00
Short stem Roses, good	6.00

Special long stemmed Roses charged accordingly.

American Beauties

	Per doz.
Over 40 inches, select	$15.00 to $18.00
36-inch, select	12.00
30-inch, select	10.00
24-inch, select	8.00
20-inch, select	6.00
18-inch, select	5.00
15-inch, select	4.00
12-inch, select	3.00
Short stem, select	1.00 to 2.00

Carnations

	Per 100
Extra Fancy, Enchantress, Prosperity, Red Lawson and White,	$10.00
First quality	8.00
Split and short stems	$4.00 to 6.00
Harrisii	20.00
Tulips	5.00 to 6.00
Narcissus	3.00 to 4.00
Romans	3.00 to 4.00
Valley	4.00 to 5.00
Violets	1.50 to 2.50
Mignonette, large spikes	8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, Fancy Croweanum	2.00
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings each	.50 to .60
Ferns per 1000	2.00
Galax "	1.50
Leucothoe	1.00
Chrysanthemum Merry Xmas, per doz	2.00 to 3.00

U KNOW US! LET US KNOW U!

SHOW ME

SHOW ME WHAT EXCUSE any WIDE-AWAKE FLORIST has for buying his FLORISTS' SUPPLIES and RIBBONS from any HOUSE but US. WE ARE THE LEADING FLORISTS' SUPPLY HOUSE AND RIBBON SPECIALISTS. EVERYTHING that an UP-TO-DATE FLORIST should have we can SUPPLY. PRICES RIGHT, GOODS RIGHT, TREATMENT RIGHT. A trial order will convince.

M. RICE & CO., 1220 RACE STREET PHILADELPHIA, PA.

The Leading Florists' Supply House and Ribbon Specialists. Importers and Manufacturers.

WIRE, PHONE OR WRITE

Mention The Review when you write.

SPIRÆAS

Spiræa Japonica

Extra fine clumps.....$4.00 per 100

Spiraea Compacta Multiflora

Extra fine clumps.....$5.00 per 100

Spiraea Astilboides Floribunda

Extra fine clumps.....$5.50 per 100

Spiræa Gladstone

Extra fine clumps.....$8.00 per 100

F. W. O. SCHMITZ

Prince Bay, N. Y.

Mention The Review when you write.

JOS. G. NEIDINGER

1438 No. 10th St. PHILADELPHIA

OUR SPECIALTIES:

Wax Flowers, Wax Flower Designs

WHEAT SHEAVES

Wicker Pot Covers, Plant Stands.

Mention The Review when you write.

Florists' Refrigerators

Write us for prices stating the size you require, the kind of cut flowers you wish to use the refrigerator for, and whether for display or only for storage.

McCRAY REFRIGERATOR CO.

558 Mill Street, KENDALLVILLE, IND.

Mention The Review when you write.

Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000...$6.25. Sample free.

For sale by dealers.

Mention The Review when you write.

Pine Tree Ribbons

Superior in every way and yet lower in price.

YOU SAVE ALL BETWEEN PROFITS.

Realize what this means. No profit to the jobber, none to the wholesaler, none to the commission house. All these profits are added to the quality of the Ribbons. **Pine Tree Ribbons** are on the flowers and bouquets of the best florists throughout the land. If you have never seen Pine Tree Ribbons, write a postal for samples (which cost you nothing.)

Compare quality and prices with the ribbons you now use. The lustre, the firmness, the perfection of colors, are Pine Tree specialties, and the prices are, Pine Tree Prices. This means—

Ribbons Superior in Every Way and Yet Lower in Price.

The Pine Tree Silk Mills Company

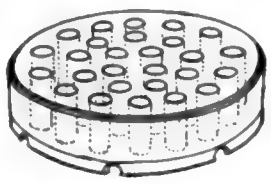
Philadelphia

Office and Salesrooms, 806-808-810 Arch St., 52-54 N. Eighth St.

The satin ribbons, the taffeta ribbons, the messaline ribbons in narrow and wide, these are the ribbons now in vogue. The Florist has a wonderful range of qualities to select from. Use **Pine Tree Ribbons** and your qualities will be right.

Mention The Review when you write.

The "JAPANA" Cut Flower Holder . . .



A handy article for florists. Sells to the trade on sight. Made of glass in three sizes.

The **"Anglais" Table Decoration,** something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating.

Ask for catalog.

M. V. Garnsey, Dept. A. LA GRANGE, ILL.

Mention The Review when you write.

L. BAUMANN & CO.

Importers and Manufacturers of

Florists' Supplies

76-78 Wabash Ave., CHICAGO

Write for supplement to catalogue F, it will interest you

Always Mention the....

Florists' Review

When Writing Advertisers.

Send us your Christmas order

By telegram, mail or phone.
We attend to it at once.
You know us.
Compliments of the season.

We are still getting CHRISTMAS GOODS from the other side.

J. STERN & CO.

125 North 10th Street,

PHILADELPHIA.

SEEDS, BULBS, ETC.

H. H. BERGER & CO.

47 Barclay Street, NEW YORK

Always mention the Florists' Review when writing advertisers.

MISCELLANEOUS SEASONABLE HINTS.

Christmas Preparations.

There should be nothing left undone that can possibly be done to prepare for the Christmas trade, which from all signs is going to be a merry time for all and a specially busy time for all florists. As a rule shoppers buy toys, books and all other articles that will keep ahead of time, but they put off till the last few days all purchases in our line. The rush comes the last two days, in spite of all we can do, and three weeks' honest work must be crowded into forty-eight hours. So be prepared with every facility at hand.

A sufficient number of plants of each kind should be trimmed and decorated. It is only in our largest cities that the basket arrangements of plants meet with a ready sale, but a few of different designs should be on display, wherever you are, and if they sell it is easy to make up more. Last week's REVIEW contained many examples of such arrangements, and these can be varied to a great extent. If our goods could be packed up and put on the shelf for future customers, as most of the articles handled by a department store can be, how simple, it seems, would our business be!

Alas, we can do no such thing. If a customer wants a dozen fine carnations or roses, you must show them a vase of 100 and the dozen will be selected out of the lot, and a box ready-lined should be on hand, with suitable paper and other frills that go along with the flowers in these up-to-date days. Have plenty of boxes ready, paper of all qualities, string, etc., so that the least possible delay may occur. This Christmas is likely to be as this day has been for years—a plant festival.

This exchange of gifts at Christmas time has become a great fad; especially is it a burden to grandpas, and yet we florists are the last who should say aught against it. It is beautiful in every way. There are just two things that can be given to anyone without the slightest suspicion that anything serious is meant, and they are a beautiful book or a pretty plant or box of flowers.

Don't Overtrim.

The writer is not a believer in the overtrimming of plants. You cannot enhance the beauty of a plant by tiny bells or rosettes of ribbon. The plant is beauty enough in itself, or should be. Make the receptacle in which it comes as decorative as you like, but don't smother the growing plant with inanimate, lifeless material; but please your customer's taste, whatever it may be. The writer can remember the day when it was thought not improper to send out a plant as a gift with the bare, unadorned red pot. That would not do nowadays with the cheapest purchase. Some green and white tissue paper must envelope the pot of a humble primrose, while a pan of poinsettias or azaleas may have all the frills that your customer is willing to pay for.

This expense is not often of cost to the florist. It can and should be at the expense of the customer, and there is a margin of profit in the mat or pot cover that goes with the plant. It may be necessary with those who do a retail business entirely to display every plant ready for delivery. Those who have greenhouses at their backs have a great advantage on such occasions. They can have a sufficient quantity of plants ready for sale and delivery, and a lot more in the greenhouse that can be trimmed up as soon as sold.

The Division of Labor.

Let me remind you that, whether you have greenhouses adjoining your salesroom, or only a shop, you should under all circumstances have a counter, basement, upstairs room or some place devoted exclusively to the trimming, tying up and delivery of the plants. To mix this up with the selling or waiting on customers is a fatal mistake. Different men are suitable for different jobs. I have known men who were excellent salesmen, who could satisfactorily wait on three customers at the same time, but when it came to getting off a load of plants were lost. So study just what your help is best at and let each one stick to his part.



Gladiolus Harvard.

Handling the Orders.

If you have greenhouses, clear out a house, or part of one, and let there be a space devoted to Sunday, Monday and Christmas day deliveries, and let each salesman be instructed to place each plant in the division set apart for that day. When a purchaser buys only one article, or maybe two, I see no difficulty, but when there is an azalea, an orange tree, a bunch of stevia and a dozen roses, the cut flowers are liable to be forgotten or a long special journey made for their delivery. Therefore, on every tag should be written all that is going to that person's home. For instance, it may read: "Mrs. W. Jennings Richards, two holly wreaths, one pan poinsettias, one pan Roman hyacinths and one dozen Enchantress carnations." If this is faithfully called out, not only will the delivery boy not leave before the order is complete, but it will save a lot of vexation to both ends of the business.

Careful Routing Needed.

I have had occasion before to mention the great importance of a good routing clerk, a man who knows the city well. Department stores doubtless have this down fine, but we so seldom get such a widespread delivery as these occasions require. Divide your delivery into different sections of the city. People are good-natured at this time of the year, but there are a lot of cranks still on the earth and everyone considers his the most important order given to the firm. When the telephone rings at 8 p. m. and says that "This is Mrs. Jones; where is that azalea that you promised to deliver before 6 p. m.," it causes gray hair to come and wears on your vitality. It behooves you to organize your force to the very best of your ability. WILLIAM SCOTT.

GLADIOLUS HARVARD.

The accompanying illustration is from a photograph of the latest novelty in gladioli. The variety, named Harvard, originated by Mr. Tracy, is to be introduced by W. W. Rawson & Co., Boston. It is described as the largest and richest-colored gladiolus thus far introduced. The color is a rich, velvety maroon slightly flushed dark scarlet and is expected to make Princeps take a back seat. In size the flower is among the largest known, the spikes often measuring seven inches across and not many of them less than six inches. The plant is a tall grower, the stems straight but not stiff and are lined with eight to fifteen flowers and buds. Six to ten open flowers usually appear at the same time. The flowers do not interfere with each other, as in some of the older types, and the undeveloped buds will open perfectly after the spike is cut.

GREENHOUSE MANAGEMENT.

Should I syringe the carnations and roses on all bright days to prevent red spider? Is fumigating with tobacco stems, or spraying with a solution of nicotine, the best remedy for greenfly, and about how often should it be used? The leaves on my Ponderosa lemons curl up and fall off. What is the cause; also oranges and crotons? E. H. O.

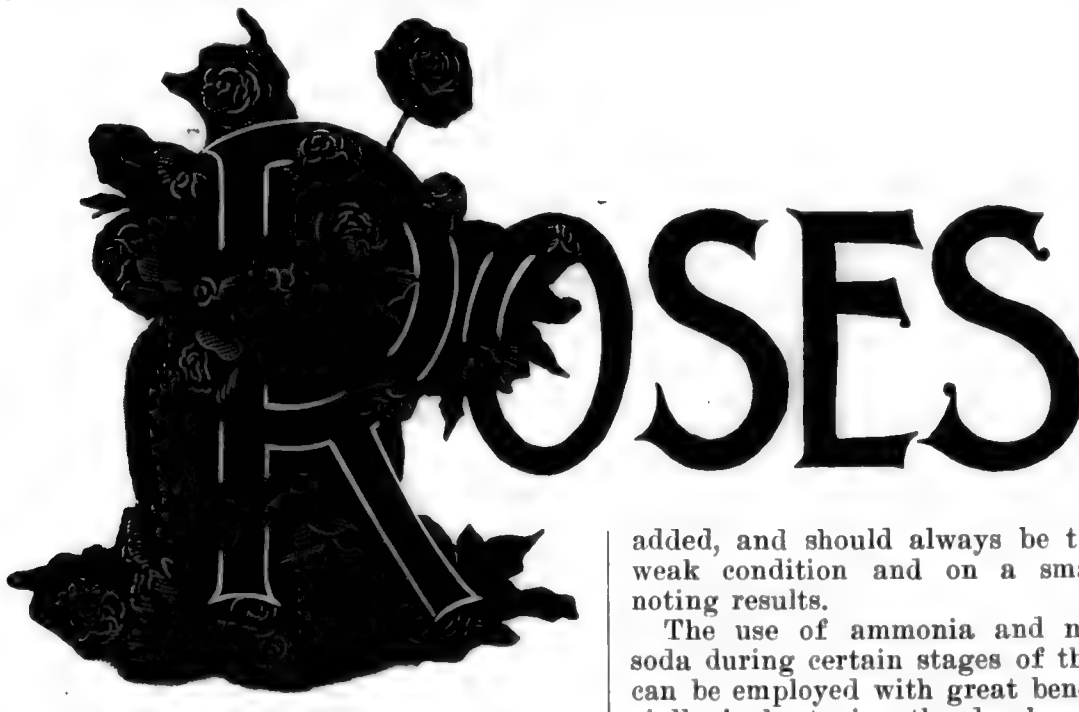
Roses should be syringed on all bright mornings and always early enough to allow time for the foliage to dry. I know one or two growers who syringe

their roses every morning, rain or shine, but they are in the great minority, and most good growers syringe only on bright mornings.

Carnations are entirely different. With the exception of the first two weeks after carnations are lifted and put on the benches they need no syringing at all, and good growers of this most popular flower do no syringing till the bright, hot days of May, when it may be necessary to keep down red spider, and the season will be so far advanced that no harm will come from the syringing.

We prefer a solution of some nicotine sprayed on the plants to the old method of burning tobacco stems. Applied with a compressed air bellows it is very effective. If you would rather burn tobacco, then use tobacco dust burned in a pie dish. It will be much more effective than burning the stems, because it will smolder for two hours, until it is all consumed.

The trouble with the leaves of your citrus plants is most likely too high temperature and too dry atmosphere. Keep them in the cool end of your greenhouse. Spray often and keep moist at the root. W. S.



LIQUID FERTILIZERS.

During the remainder of the season, where the plants are in a vigorous growing condition with the benches full of roots, stimulants in a liquid form may be used with great benefit.

Of all the kinds of liquid feeding there is none safer or more effective than that made from fresh cow manure, as it contains all the elements necessary for the purpose and in just about safe proportions, at the same time having little or none of those caustic properties so prevalent in most of the prepared chemical foods.

This manure should be placed in a tank with sufficient water to cause speedy fermentation, which should take place in a temperature of 60 degrees in twenty-four or thirty hours, when the liquid should be drained off and diluted to the strength required. For a first application the concoction should be rather weak, until the plants have become accustomed to this class of food, gradually increasing the strength as results may warrant.

This feeding cannot be indulged in with good results at all stages of growth. The correct time, when the plants can use it with best advantage, is when the young growths for a succeeding crop are from three to four inches in length. An application should be given at least once a week until the buds are well developed and begin to show color, when it should be discontinued. This will materially aid in producing a good cut of high grade roses.

Sheep, poultry and pigeon manure, being of a more caustic nature, should be used more carefully and in a more diluted condition.

This class of food being easily and quickly assimilated should always be used with caution, and especially when any chemically prepared foods are added, and should always be tried in a weak condition and on a small scale, noting results.

The use of ammonia and nitrate of soda during certain stages of the growth can be employed with great benefit, especially in hastening the development of a crop during the short days, but these being very powerful and immediate in their effects will require extra caution in their use, and should not be used for a first application except in a very weak solution, one pound of either to 100 gallons of water being quite strong enough.

During the short days and long nights, when the hours of sunshine are few, it is always safer to be conservative in the use of strong stimulants, rather using them in a weak form and more frequently, than to run any risk by strong doses. As the days lengthen the strength can be gradually increased, keeping all the time a close watch on the effects produced.

Weak or unhealthy stock is unable to use any food in this form, and if so used it will only aggravate any troubles they may be suffering from. Ribes.

ERRATIC WATERING.

Will you kindly tell us what the trouble is with the sample roses sent you? We have never grown roses before. Our present plant is a new one, being built last summer, and of course the roses were planted late, about September 20, in semi-solid beds of tile and cement. The soil was rotted sod and cow manure, well rotted, mixed four to one. Our soil is rather clayey, has some sand and dries out quickly. The roses have been losing leaves since planted. They just seem to dry up and fall off. Are we keeping them too dry, or is it too wet? The mildew and greenfly, of which you will find traces, have only been in about two or three weeks. We have a house 27x300 and would like to save them. L. F. C.

These roses do not seem to be suffering from any disease but have the appearance of having been treated amiss in regard to watering. From the indications the application of water has been very erratic, sometimes being overdry and at other times being saturated. This would account for the scalding of the foliage.

Give the bench a good soaking until every particle of soil is wet and never allow it to again become dry.

If your piping is directly under the benches, examine the soil every day to ascertain if the bed is uniformly moist, and especially at the bottom, where the heat is most intense. This examination should be very critical after applying a mulch, as the manure in the mulch, by absorbing and retaining the moisture, gives the bench the appearance of being wet when the soil near the bottom may be quite dry.

The soil seems in every way suitable for rose culture and can with judicious care in watering, ventilating, etc., be made to produce first-class stock.

Ribes.



VANDA CAERULEA.

Blue colored orchidaceous plants are few in number and Vanda cærulea is the best known of this shade and one of the best commercial orchids. A native of the Khasya hills in India, it has been in cultivation since 1849. The majority of this genus enjoy tropical treatment, but V. cærulea, with V. Amesiana and one or two other sorts, prefers a temperature 5 or 10 degrees lower. It also flowers much better when grown well up to the light, with only a light shade in summer. In Great Britain many growers do not shade vandas at all.

This variety will grow on blocks or in pots, pans or baskets. We prefer the last named receptacles. We use broken potsherds for drainage and a compost of fern fibre mixed with sphagnum. The plants will grow well in pure sphagnum if well drained. The flowering season lasts from September until January. The flowers come quite pale on some plants, especially if grown too hot and dark, but given proper conditions they are of a beautiful cærulean blue. Good spikes



Vanda Caerulea.

will carry ten to twenty flowers, occasionally even more. They keep well, either on the plant or in water.

Yearly importations of these now arrive each spring in America and anyone who has any sale for orchids should try at least a few. A good supply of moisture in the growing season and drier conditions in winter are essential. Plants which have become too tall should have the tops cut off with a sharp knife, with some roots attached, and be placed in small baskets, where they soon establish themselves. W. N. C.

COMMERCIAL ORCHIDS.

[A paper read before the St. Louis Florists' Club December 13, 1906, by G. H. Pring, of the Missouri Botanic Garden.]

Owing to the orchidaceæ being such a large and varied order, I intend to deal only with the genera which have commercial value, as, cattleyas, lælias, cypripediums, odontoglossums, cymbidiums and dendrobiums.

Cattleyas and Laelias.

These closely allied genera, with their large and highly colored flowers, are among the most popular, useful and showy of all orchids. They are natives of Mexico and Brazil, where they are found in the ravines and valleys. In these situations the plants affix themselves indifferently to the trunks and branches of trees, or to the bare rocks in the gorges of the mountains. In this wild state scarcely any soil is found at their roots, only a little moss and a few leaves which have fallen among the stems.

Notwithstanding the enormous extent of territory over which the cattleyas and lælias are spread, there is a similarity in the climatic conditions, thus favoring the horticulturist in being able to cultivate them in the same greenhouse, which is usually termed the cattleya house. The most convenient is a spacious, airy building, well ventilated, running north and south. It is preferable to have all orchid houses lie with this aspect to obtain the full benefit of the sun, light being one of the chief items in successful orchid cultivation. In such a house, cattleyas and lælias enjoy a temperature ranging from 55 degrees to 60 degrees in the winter and 60 degrees in summer, with such increment by sun heat as circumstances admit.

The compost should consist of peat or polypodium fibre and moss, with an addition of cracked crocks, this keeping the compost sweet. Ample drainage is also an important item. Pots proportionate to the size of the plants should be selected. Overpotting, with the object of stimulating the plants into more active growth, is one of the greatest fallacies that can be entertained in orchid culture. The plants should always be potted above the rim of the pot as much as possible to prevent them getting water-logged, and should be potted moderately firm. The best time for repotting is when they begin to emit their new roots, according to the species. During the growing season these plants enjoy a plentiful supply of water at their roots, with a slight spraying overhead. When the growths are mature the water supply should be gradually diminished until enough is needed to prevent shriveling.

The shading of the houses during summer should be of some thin material, just enough to prevent injury to the young growths. A plentiful supply of ventilation during the summer is essential.

The best species commercially are: Cattleyas Trianæ, Mossiæ, labiata, gigas, Percivaliana, and Warneri. Lælias crispa, pumila, purpurata, autumnalis, anceps and its varieties.

Cypripediums.

This is a widely distributed genus, native chiefly of northeast India, found on the lower parts of the Himalayas, Burma and the islands of the Malayan archipelago, and also South America, which is the home of the selenipediums. These differ from the cypripediums in having a three-celled ovary, and the latter a one-celled, a difference, though, not strongly marked in the inflorescence, the scapes producing a succession of flowers, several being open at the same time.

Cypripediums, commonly called lady slippers, are no doubt the easiest to cultivate. More hybrids have been raised by the hands of the hybridist than any other genus, the seedlings flowering in the course of two and one-half to three and one-half years. When imported plants are received it is advisable to lay them out on damp moss, with a slight spraying occasionally, to induce them to emit new roots. They may be potted without fear in a mixture of peat and moss in equal parts, with a little charcoal.

Such species as Spicerianum, bellatulum and concolor enjoy an addition of fibrous loam and crushed crocks. They should be given a plentiful supply of water during the summer, both at their roots and leaves. Heavy shading during summer is necessary to prevent the leaves becoming yellow through the strong rays of the sun. The temperature should be kept as near as possible in the winter from 60 degrees to 65 degrees and not less than 65 degrees in the summer. Such species as insigne, etc., enjoy an intermediate temperature. A suitable time for repotting is in spring, about March being preferable. When the plants are in full growth a little liquid manure applied occasionally will be beneficial.

Odontoglossums.

This most popular genus of the cool-house orchid is distributed throughout the mountainous region facing the Pacific, extending from Peru to the southern portion of Mexico. The Columbian districts being very rich, yield the most sorts. Odontoglossum crispum and O. triumphans are quite common. It is quite a common occurrence in the London salesrooms for such prices as $5,000 to be paid for single specimens of O. Pittianum. Although odontoglossums are indigenous to tropical countries, they are found at considerable altitudes, growing on trees, etc.; hence the majority are better accommodated in a cool-house, where an abundance of moisture can be obtained all the year round, combined with a free circulation of air.

The tropical heat here in St. Louis in the summer is detrimental to the majority of the cool-house orchids. Although the Mexican species, such as, Odontoglossum citrosmum, apiatum, cordatum, Insleayi, grande, Cervantesii and Rossii, which need an intermediate temperature, can be grown successfully with a little attention.

A good general compost for potting odontoglossums consists of equal parts of fibrous peat, fresh, chopped sphagnum moss, with an addition of crushed crocks and silver sand. The best time for repotting is about the end of September, or in the month of March, according to the condition of the plants. Careful watering is necessary after potting to prevent the growths from damping off, especially such species as Cervantesii and Rossii. During summer a plentiful supply of water is essential, both at their roots and leaves. Heavy shading is necessary for these cool-house plants, lath roller blinds being the best, as they can easily be manipulated.

Cymbidiums.

This is a popular, though not a large genus of orchids, dispersed over the Indo-Malayan region and Japan.

The cymbidiums are of robust habit, having stout pseudo-bulbs and thick, fleshy roots, which are freely produced, providing they have ample pot-room for development. The compost should consist of good fibrous loam and peat in the proportion of two-thirds of the former

and one-third of the latter. Ample drainage should be provided, with an abundance of water during the growing season, keeping them fairly moist during winter. A shady corner in the cool-house, where an abundance of moisture can be obtained, should be provided for the successful cultivation of these plants. Repotting should be accomplished after the flowering period, when the new growths have started.

The most popular species are C. Lowianum, giganteum, eburneum, Tracyanum, and Hookerianum.

Dendrobiums.

This large and most interesting genus of epiphytal orchids has a very large distribution over the old world, found chiefly in India, Burma, Assam and the islands of the Malayan archipelago. The richest districts are the Himalayas. The dendrobiums indigenous to these districts are enveloped in a humid atmosphere, during their growing period, owing to the enormous amount of vapor which ascends from the Bay of Bengal, which is eventually precipitated as rain. After this comes the dry season, which generally lasts about two or three months, thus enabling them to have complete repose.

For successful cultivation these plants require a special house, where approximately the natural conditions can be given. The compost should consist of peat and moss in equal parts, with an addition of crushed crocks. During the growing period a plentiful supply of water should be applied to their roots, and an occasional spraying overhead. When the growths are mature the water supply should be diminished considerably, just enough being given to prevent the growths becoming too shriveled. The temperature during their resting period should be about 50 degrees to 55 degrees. During summer the minimum should be 60 degrees. Repotting should be accomplished after the flowering period, when the new growths have started. Shading should consist of some thin material, just enough to prevent harm to the young growths.

The chief commercial species are D. nobile, Wardianum, Phalænopsis and formosum giganteum.

GLADIOLI FOR EASTER.

When is the right time to start Gladiolus Colvillei for Easter? H. W.

The species Colvillei is entirely distinct from the hybrids of Gandavensis, being much smaller in bulb, leaf and flower. There is a form or variety of this species known as The Bride which is possibly meant in the above inquiry. Our experience is that it is not easy to force. Two years ago we planted them on a portion of bench where some variety of carnations had turned out unsatisfactorily and a certain percentage flowered in early April. It has a most beautiful, delicate spike of flowers and when we better understand the wants will rank high among our choice cut flowers. Will not some one who has flowered this gladiolus please write it up and oblige H. W. and W. S. and many others? W. S.

NOTES FROM ENGLAND.

Chrysanthemums are everywhere just now, and from the commercial aspect the cut bloom has been greatly overdone; no market throughout the country has escaped being more or less glutted. Single mums are in great favor this season. Each year they become more popular, and when a good sort is grown there is probably nothing to equal them as a pot plant. W. Wells & Co., of Merstham, are giving us a couple of fine new single varieties, which will probably be in the near future standard florists' varieties both on account of the color and also the ease with which they may be grown. Edith Harling is a fine yellow. Merstham White is pure and the center a very distinct golden, a very useful commercial variety.

One of the oldest nurseries in London has been compelled to move out into the country in search of purer air. Messrs. Wimsett have lately carried on a high-class decorating business and have executed many important and extensive floral decorations at Buckingham Palace. The firm is also one of the leaders for distinctive landscape work and summer bedding.

W. Poupart, of Tweekenham, was the recipient of a handsome silver tea and coffee service, valued at over $1,000, on the occasion of the annual dinner of the Market Gardeners' Association, of which Mr. Poupart has been president for many years. J. B.

WINTERING BOX TREES.

I have a few box trees to winter. How should they be cared for? Will they stand freezing? Should they be kept in a light or dark cellar?

G. P. G.

Keep them in a cool house or cool, light shed. Keep the roots moist and a few degrees of frost will not hurt. The same place that you winter your sweet bays will do for the box trees. It would be a mistake to put them in a dark room or cellar. Give them light and keep the roots moist and not over 5 degrees of frost and you will be all right. W. S.



SINGLE CHRYSANTHEMUMS.

Single chrysanthemums are having a strong run in popular favor in England just now and, indeed, along the eastern coast of the United States they have made some progress in public esteem. The best of the newer singles is said to be Crown of Gold, illustrated herewith. It is described as a beautiful and very large variety with flowers fully five inches across, and of a delightful and rather bright shade of old gold. It is one of the best that Mr. Pagram, of the Whim Gardens, Weybridge, has raised. It gained a first-class certificate from the National Chrysanthemum Society, and has now, according to the Gardeners' Magazine, passed into the hands of Cragg, Harrison & Cragg, of Heston, for distribution.

MR. GODFREY'S VIEWS.

In the last issue I note W. J. Godfrey rather questions the commendatory remarks I made anent Mrs. Henry Barnes as an exhibition variety. He does not take into account the difference that climatic conditions make, perhaps. From what I have seen I do not think that many of the Australians show up so well in England as they do here, notable cases in point being W. Duckham and Nellie Pockett with its sport, Cheltoni, likewise the wonderful showing Beatrice May has made all over this country.

On the other hand many splendid English seedlings do not amount to anything here. One of Mr. Godfrey's own, Mary Godfrey, was very nice with me this year as an early yellow, but if he could see his Bessie Godfrey, Godfrey's King, Sensation and some others of his seedlings as they show up here, he would feel like disowning them. Yet these varieties are splendid in England, as any one who reads a British horticultural periodical knows, Bessie Godfrey perhaps having stood longer as the premier yellow in England than any other variety.

Mr. Godfrey shows a correct knowledge of what we need here in the commercial line of flower and while his new Mary Donnellan, if it is a Japanese, is hardly the proper form for us, if it is the color he states we must certainly try it. Charles H. Totty.

MUMS AND VEGETABLES.

I find that after taking off the last crop in the spring from my greenhouse I can bring on a fall crop of mums, providing I can put off planting in the benches until the last week in July, with the exception of a few early varieties which I can plant in June. To grow mums for the wholesale market, could I bring on the late varieties in pots and plant in the benches when I have them cleared the latter part of July? Can I grow a good crop of mums in solid benches in soil that has been used for lettuce and cucumbers during the winter and spring, and would you advise much additional manure where the soil has been well enriched for the previous crops? What one color and varieties of that color, earlies and lates, would you consider best for wholesale market, sacrificing quantity for quality? How many good cuttings ought I to expect from 100 stock plants? What do you consider the neatest and best method of packing blooms for shipping, size and kind of boxes, paper, and the placing of blooms in the box?

Could you suggest any other crop than mums, or use to which I could put the benches from the last of July to the first of December? W. K.

It is entirely possible for W. K. to grow late kinds by planting the last week in July if he has struck them in June and has them in nice shape in 2½-inch pots. Lots of plants intended to flower by Thanksgiving are planted around that time. Chrysanthemums can be grown in soil that has grown a pre-



Single Chrysanthemum Crown of Gold.

vious crop providing it is sweet and in good shape. Planting anything into a heavy, soggy, sour soil is worse than useless. But if the mechanical condition of the soil is right it may be enriched by an inch or so of well rotted manure and a sprinkle of bone meal, which should be well worked through the top five inches of the solid bed. Were I figuring on such a proposition I would use the new good soil for the mums, and then, in the early winter, this soil would grow good lettuce; for I have seen this successfully done. At the same time, the best growers do not consider it time wasted to use new soil for every crop.

As to what one color is best to grow, either white or yellow has the largest sale, and I would suggest, perhaps, yellow, if W. K. only wants one color. A good selection would be as follows: Early, Monrovia, October Sunshine, Halliday; late, Yellow Eaton, Nagoya, Mrs. Geo. Beech, Yellow Chadwick.

The amount of cuttings that can be taken from a given number of stock plants depends almost entirely on the skill of the propagator and the condition of the stock plants. In a recent issue I gave about twenty plants as being an average number to obtain from a healthy stock plant. On that basis W. K. will produce 2,000 plants from his 100 stock plants.

There are many styles of packing the blooms, as W. K. will see if he ever strolls through the wholesale market of a big city during the mum rush. From the shoebox to an 8-foot coffin, every style of box in brought into requisition. The best way for any shipper is to go to his agent and have a business talk with him, and if that commission agent knows his business (and most of them do) he can set him right in short order as to styles of packing for his trade.

I know of no crop that W. K. could put in for the late summer months that would bring in the money that mums would. Melons might be tried, perhaps, if W. K. has a market that would take a choice article in that line.

CHAS. H. TOTTY.

WATERING.

Is it feasible to water in the morning, say 7 a. m., when the thermometer outside stands from 15 to 20 degrees above zero, or is it best to wait until 9 or 9:30 a. m., especially on cloudy days, providing the greenhouse can be watered before noon? This applies to general greenhouse stock, bedding plants, carnations, etc. R. B.

This is a question quite out of the common, but one that deals with the very essence of greenhouse management. The writer has had occasion to say before that operations in a greenhouse consisted of two divisions of work, the mechanical and the mental. If there is none that is purely mental, then it is manual with a large percentage of the mental. Potting and shifting plants, tying, and transplanting from the greenhouse to the garden, these are the mechanical duties of a greenhouse workman. The mental are watering, syringing and ventilation. It is not how to give ventilation, or how to water. It is when to do these important operations. To answer your question, I will say, that at 7 a. m. in midwinter it would be scarcely light enough to see clearly what plants needed water and those that did not, especially in dark, cloudy weather. There is no need of beginning so early.

As the season advances and the sun rises earlier and shines stronger, then if you see in the eastern horizon that Old Sol is going to rise in all his glory and it's going to be a bright, sunny day, then watering and syringing can be begun as early as you like.

You have not said that you alluded to midwinter, but from climatic conditions outside I infer your question was for that season. Your query reads, "Is it feasible?" I think you meant to say, "Is it advisable to water in the morning, say 7 a. m.?" to which I say emphatically, No! Leave the watering until 9 a. m., until you can tell more readily what the succeeding hours will bring forth.

To be reminiscent, once more, of my own effusions, we have said that waterers are, like poets, born, not made. For that matter, it would be nearer the truth if the word gardeners were substituted in place of waterers.

Broadly, here are some good rules for this most important of all greenhouse operations: From October 1 to April 1 we water always in the forenoon, and on dull, rainy days no watering is done in any house which is kept below 55 degrees. In a house where a high temperature is kept this is of less consequence, because the heat from the pipes will dry up the moisture on the foliage. From early April to the end of September, providing you have a little fire heat and ventilation, you can water in the afternoon. I trust these dates will not be understood as arbitrary. April may be cold and cloudy or bright and warm, and there is where you may exercise your own brains, and, depend upon it, if you don't possess in your own right that essential gray matter you cannot buy or borrow the stuff, and no college in the land can improve its quality or add to its weight one particle. The only method to improve your thinking apparatus is to exercise it, the same as muscle is improved.

In the winter, with a lower temperature and the sun obscured, there is little evaporation from the foliage of plants and less water at the roots is needed. With our soft-wooded plants, and even with our more important plants, like roses, carnations, violets and chrysanthemums, no good grower would like to see them go to rest for the night with the foliage wet. So never water in any house unless you are sure there is time for the moisture to dry up by evaporation before night. There may be some exceptions with a few plants, but so few they are not worth mentioning.

In looking around a large range of rose houses a few days ago I questioned with the proprietor the wisdom of syringing on dull days and added that I knew some successful growers who would not syringe for a week, preferring to wait for a bright day. My host replied: "I like to syringe. If it is dull, then I put on a little more steam to dry the foliage and lower it again when I see it is dry." This is all in the line of reason and logic.

There is a great difference in the condition of atmosphere relished by the native plants of Borneo or Java and those of temperate America and Europe, but

that is another story. You will find a chapter on watering in "The Florists' Manual" which is better than the above. The writer has not improved by practice since that chapter was penned. W. S.

ASPARAGUS SPRENGERI.

Should the seed of Asparagus Sprengeri be removed from its red shell when gathered? How is the seed best sown, in small lots, and how long does it take to germinate? C. B.

It makes no difference whether the seed is what seedsmen call cleaned or sown with the red, fleshy covering. For several reasons it is always cleaned when handled by seedsmen, but if you have saved your own crop you need not go to the trouble of cleaning the seed. Sow in flats two inches or three inches deep, on a smooth surface and keep the seeds from touching when you scatter them on the surface. Sift on enough soil to just cover the seeds out of sight. Fresh seeds should be up in seven or eight weeks. Some growers soak the seeds of asparagus for twenty-four hours, but in your case there will be no need of that.

W. S.



CARNATION RUST.

I enclose samples of foliage of my Harlowarden and Lawson carnations. Will you tell me what is the trouble and the remedy? W. H. F.

Your carnations are affected with the common carnation rust, which I have prescribed for repeatedly in my answers to inquiries. The main cause of this trouble is too much moisture on the foliage. If you keep the plants dry it will not trouble you any. To get rid of it, pick off as much as you can and then dust your plants with dry-slaked lime and sulphur in equal portions, or you can use grape dust. All these have a drying effect and will tend to keep the spores of this disease inactive. Dispense with the syringing as much as you can for a time, but keep a sharp eye out for red spider. When you water, be careful to wet the soil only, and give air abundantly at every opportunity.

A. F. J. B.

NITRATE OF POTASH.

Will you tell me in what proportion to use potash for carnation beds? J. B.

When you say potash I presume you mean nitrate of potash. Use a good 3-inch potful to fifty gallons of water, which is plenty strong enough for this time of the year. During the dark days of midwinter feeding should be light, if indulged in at all, so go cautiously. When the days begin to lengthen you can give it to them without much danger. A. F. J. B.

CARNATIONS OUTDOORS.

What varieties of carnations would be best for growing outdoors? H. W.

There are a number of varieties which can be bloomed quite successfully during the latter part of the summer, if they are handled accordingly, though we have none that will produce heavy crops naturally during that time. To get best results you should get the cuttings into the sand at once, and if they were rooted now it would be even better. Shift along as rapidly as needed and top as often as the plants will stand it, the idea being to get as many breaks by planting-cut time as possible. If you can plant out of 3½-inch pots, plants that have been topped at least twice, you will be able to cut several blooms to the plant by August and several times as many during September and October. The Queen, Moonlight and Indiana Market are good whites for this purpose; Beatrice, Fair Maid, Enchantress in light pink; Wm. Scott, E. Crocker in bright pink. Rose-pink Enchantress cannot be used in this class as it comes light pink during hot weather. Use G. H. Crane for scarlet.

A. F. J. B.

AMERICAN CARNATION SOCIETY.

Everything is in readiness for the meeting in Toronto, Ont., January 23 and 24, excepting the flowers for the exhibition, and the attendance.

The exhibition ought to be good and large, as the premiums offered are large and many of them. The flowers, as soon as they enter Canada, will have special care from the express company providing the society label is used. This label can be procured by applying to the secretary, and it will also pass them through the custom house without any delay or annoyance.

The attendance ought to be large, as the papers to be read and the discussions that will come up are unusually interesting. The one and one-third fare will apply to all of the country covered by the Central, Trunk Line, and the New England and Canadian Passenger Associations.

The premium list can be had by applying to the secretary, and in this connection he wants to publicly apologize to William Scott, of Buffalo, N. Y., for inserting the name of another party in place of his as judge. The list of judges should read W. N. Rudd, Mt. Greenwood, Ill.; William Nicholson, Framingham, Mass.; William Scott, Buffalo, N. Y.

January 16 is the last day for entries to reach the secretary. Intending exhibitors who have not yet joined the society will please note and apply for the premium list at once, so as to get entry blanks and information needed in time to get their entry in before January 16. Albert M. Herr, Sec'y.

The Toronto Convention.

The sixteenth annual meeting and exhibition of the American Carnation Society will be held in the City hall at Toronto, Ont., January 23 and 24. All arrangements have been made for one of the most successful meetings the society ever has had. Arrangements have been made whereby all exhibits bearing the society's label, obtainable from Secretary Herr, and addressed to E. F. Collins, Toronto, will be passed through the custom house without delay and without payment of duty. George H. Mills is to be superintendent of the exhibition. The judges are to be W. N. Rudd, William Nicholson and William Scott.

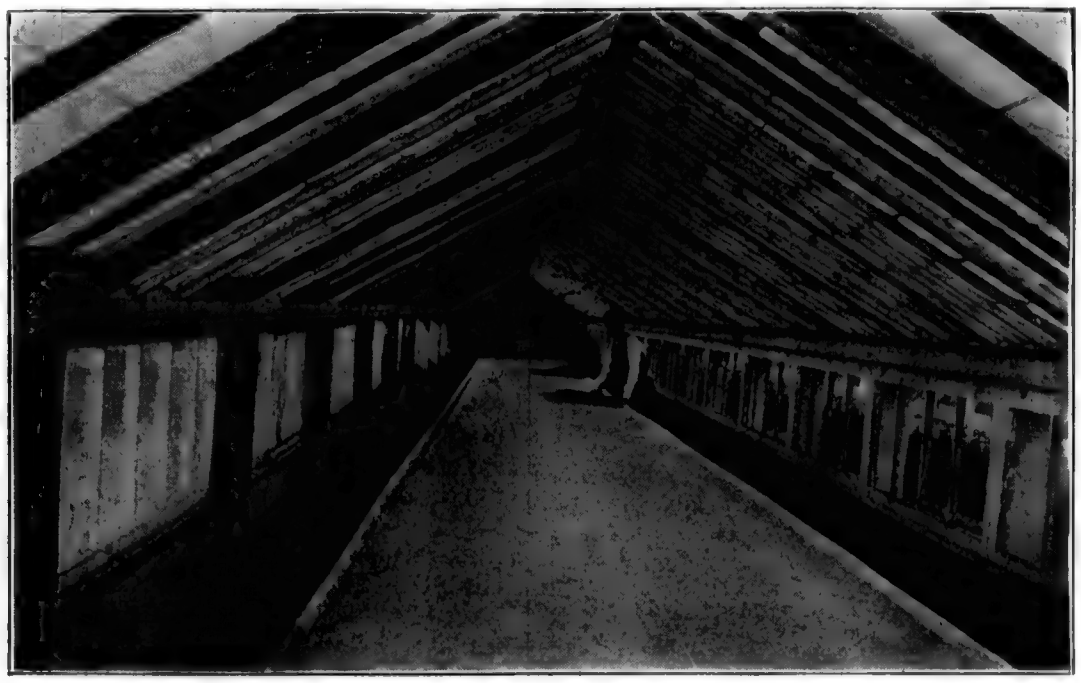
The general premiums are those of recent years. The special premiums include the society's gold, silver and bronze medals and the S. A. F. silver and bronze medals. A premium of $100, divided into three purses, is offered for the best display, fifty blooms to a vase and not to exceed twenty varieties. The Canadian Horticultural Association offers a silver cup worth $50 for the best six vases of fifty blooms each. The Steele-Briggs Seed Co. offers a silver cup worth $25 for six vases of twenty-five each. The Montreal Gardeners' and Florists' Club offers a cup worth $25 to the exhibitor making the largest display. The Dale Estate offers a silver cup valued at $25 for 100 blooms of any carnation to be disseminated in 1907. J. H. Dunlop offers $10 for fifty white carnations; W. Gammage, $10 for twenty-five blooms of any pink seedling; W. J. Lawrence, $10, for fifty blooms



Establishment of Charles Dauernheim, Kimmswick, Mo.

limited to growers with less than 20,000 feet of glass; J. H. Dunlop, $5 for twelve carnations from private gardeners; George Vair, $5 for twenty-five red. The King Construction Co. also offers a premium.

As features of the convention there will be essays as follows: "Are There Too Many New Carnations Introduced?" John Birnie, West Hoboken, N. J.; "Greenhouse Construction," Mr. King, Toronto; "American Carnations and Their Prospects in Europe," C. Engelmann and Peter Riise; "Carnations from a Canadian's Point of View," William Gammage, London, Ont.



Propagating House of Charles Dauernheim, Kimmswick, Mo.

A MISSOURI PLACE.

The accompanying illustrations are from photographs made a few weeks ago at the establishment of Charles Dauernheim, Jr., at Kimmswick, Mo., about twenty miles south of St. Louis, for which market Mr. Dauernheim grows carnations, and nothing but carnations. He is located on the Mississippi river, where soil conditions are good, and produces excellent stock. One picture shows the east end of the range and the other shows the interior of the new propagating house, just completed, with its brick-bottomed bench filled for the reception of the first batch of 60,000 cuttings.

Mr. Dauernheim is one of the progressive growers of the St. Louis district and his standard sorts include all the latest varieties, his list being possibly larger than it otherwise would be from the fact that he does quite a large business in rooted cuttings. His whites include Bountiful, White Perfection, Vesper, Boston Market, Fred Burki and the old stand-by, Flora Hill. In pink he grows Lawson, Joost and Eclipse, with, of course, Enchantress for light, and his list of reds is relatively longer, for he has Crane, Estelle, Flamingo and Cardinal. He is one of the growers who still finds a profit in Prosperity.

Some of the new sorts are on trial with Mr. Dauernheim. Aristocrat shows up well, fine growth, and in his opinion beats all the pinks. Bonnie Maid and Red Warrior, the Dorner pair, are also doing notably well.

STEUBENVILLE, O.—S. S. Hill is confined to his home by a severe attack of erysipelas.

CONSOLIDATION.

Everybody knows Robert Crawford, Jr., of Philadelphia, and admires his beautiful store, with its handsome mirrors, rugs and furniture that give an elegance suggestive of taste and refinement, further enhanced by the specimen palms in jardinieres that harmonize with their surroundings, and great bunches of cut flowers in tall vases that always add brightness to the general effect.

Everybody also knows that Robert Crawford, Jr., is the owner of the Philadelphia Carnation Co.'s plant at Secane, in Delaware county, but everybody does not know that these two successful business enterprises have now been merged into one, and that both the store and the greenhouses will henceforth be conducted under one name, that of Robert Crawford, Jr., with one son, W. W. Crawford, as first lieutenant at 233 South Eleventh street, and the other son, Harry Crawford, as first lieutenant at Secane.

The success of Robert Crawford, Jr., as a retail florist is of many years' standing. His taste, reliability and industry have secured him a large following. When to this is added the fact that Mr. Crawford is thoroughly familiar with the purchasing power of a dollar under diverse conditions, his success as a retailer is easily understood.

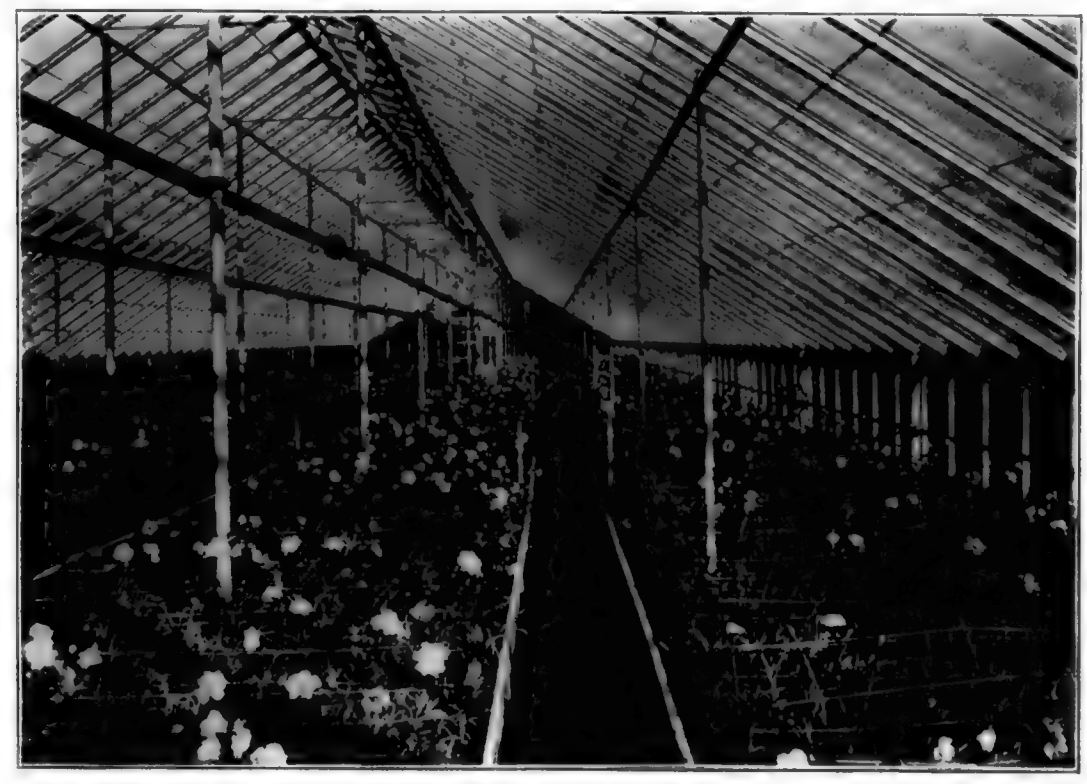
As a grower, however, Mr. Crawford's position was not until recently so secure. His early training had given rudimentary knowledge. He thoroughly understood the care of plants in the conservatory attached to his store, and in the house, but whether the pennies so freely to be invested in glass houses could be induced to return when crops were harvested was quite another matter. Of course it ought to pay, but so many growers missed crops, got diseases in their houses, and so on, resulting in belated or poor flowers and plants, or no flowers or plants at all, that it was not until last spring that Mr. Crawford decided that he could make greenhouses pay and acted accordingly. Result, two new houses at Secane.

One is filled with four beds of Asparagus plumosus, now yielding heavily, and two beds filled with pots of Queen Alexandra daisies, the pots plunged in the soil. These plants are in fine condition. They are highly prized for decorating. This house is 30x102 feet. The second new house is nearing completion. It is to be used for stock plants. The carnation range is 66x204 feet and contains 14,000 plants of medium size in excellent condition. Mrs. F. Joost, Fair Maid, Enchantress and Queen Louise are the bread and butter varieties, while Harry Fenn, Roosevelt, Prosperity, Fragrance, Lieut. Peary and Robert Craig form the list of fancies grown in smaller quantities. Under the gutter are a fine lot of calla lilies in pots just coming into bloom.

A fine house of sweet peas contains bright pink that should be in bloom for the holidays, plants now three feet high and showing bud. The pale pink and white varieties are not so far advanced.

The mushroom house of sixteen beds is doing great work this season, the yield being good and prices high, owing to the failure of crops in some localities, so that the profit has been very satisfactory.

PHIL.



Carnation House of Robert Crawford, Jr., a Secane, Pa.

THE READERS' CORNER.

Mr. O'Mara's Comment.

On page 305 of the issue for December 13 one of your correspondents states that "none of the poinsettias is white." That is a mistake; there is a white form but it is rarely heard of now. It never attracted much attention. There is also a double form which is equally obscure.

On page 248 Brother Scott makes the statement that The Bride rose is a sport from Bridesmaid. I think he is mistaken. It originated with the late James Taplin, at Maywood, N. J., as a sport from Catherine Mermet.

PATRICK O'MARA.

White Poinsettias.

All poinsettias are euphorbias, but all euphorbias are not poinsettias by any means. Yes, there are white poinsettias; exact counterparts of the red except in color. The white color is somewhat creamy. Between twenty and thirty or more years ago white ones were a good deal grown in private gardens, more as a variety than for effect, however, for they have nothing of the decorative and striking value of the scarlet poinsettia. I have seen them in bloom in gardens in southern California, where, in company with the scarlet form, they are as hardy, vigorous and thrifty. My dear old friend, Dr. Franceschi, of Santa Barbara, can put you on the track of them. In southern Florida I have also seen them as open-air garden plants. Here try the Reasoner Bros., Oneco, Fla. But if I remember aright the biggest masses of them I ever saw in bloom were in the West Indies, in the Hope Botanical Gardens, Jamaica. Indeed, so fine were they in these gardens that I procured a lot of cuttings from the superintendent to bring home with me to the Phipps Conservatories.

For outdoor planting, however, the "double-flowered" scarlet form completely eclipses the single one. It is the latter that is usually grown in our greenhouses. The double is as easy to grow and as vigorous and floriferous as the other and vastly more vivid and showy, and it lasts in bloom much longer. A great bank of poinsettias, eight or ten feet high and in full bloom in the open air in the tropics, is the most brilliant floral effect on earth. Bougainvilleas may run up twenty feet, one solid mass of bloom for many yards, striking in the extreme, but it lacks the fire of the poinsettia.

WM. FALCONER.

LEBANON, PA.—C. C. Yost was a business visitor in Philadelphia December 11.

BOSTON.

The Market.

Conditions are about as reported a week ago, there being little overplus of anything. The usual holding back for Christmas is now in full progress. Roses are stiffening and few are obtainable, even on short stems, below $4 per hundred. Brides and Maids are none too plentiful at present. Chatenay and Wellesley are good, while some nice Killarney, Mrs. Oliver Ames and Mrs. Morgan are seen. Killarney still remains popular. Richmond is extra fine, although some good Liberty also are seen. Beauties of the best grades are marked up to $60 and will be higher later in the week.

Carnations vary from $2.50 to $6. These promise to be in heavy demand for Christmas and colored sorts will bring fancy prices. Violets are no more than enough for the demand, but we expect a liberal showing for the holidays. Prices are about the same on these. A fair supply of chrysanthemums still arrive, Eaton being most abundant. Paper Whites and Roman hyacinths are in good supply and rather more Lilium Harrisii and callas are coming in. Poinsettias are bringing up to $6 per dozen bracts. Marguerites, both yellow and white, sell extremely well, averaging $1.50 per hundred and will bring much higher prices later in the week. There is a fair supply of bouvardia, mignonette, antirrhinum and lily of the valley. A stronger call is noted for Asparagus plumosus nanus. Other green stock remains about the same.

In pot plants Firefly azalea is again much in evidence and sells better than the larger-flowered sorts. Ardisias, solanums, cyclamens, primulas, poinsettias, Cypripedium insigne and a variety of other flowering plants are seen.

Club Meeting.

The attendance at the closing meeting of the year on December 18 was again a splendid one and brim full of enthusiasm. W. H. Wyman's interesting paper on "Craft and the Craftsman" was well received and freely discussed. It was announced that the landscape classes were successfully under way with an enrollment of about sixty. Twelve new members were voted in. The secretary gave some statistics as to attendance and applications received during the year. Average attendance 120, compared with eighty-five in 1905. Total number of new members received in the year 125. Some discussion arose over an amendment to the by-laws relative to the nomination of officers from the floor instead of through a nominating committee, as at present. The amendment was moved by F. E. Palmer, but was not adopted.

Retiring President Wheeler gave notice that the January meeting will be ladies' night. The newly elected officers will be installed and J. K. M. L. Farquhar will give a stereopticon lecture on "Italian Gardens" as seen in Italy during his recent trip. Owing to the near approach of Christmas exhibits were hardly so numerous as usual, but some interesting things were shown. H. A. Stevens Co. showed splendid vases of variegated and light pink sports of Lawson and some seedlings. S. J. Goddard showed Princess of Wales violets and Downs had nice Lorraine begonias. The question box and refreshments occupied some time and the last meeting of 1906 proved one of the best in the club's history.

Various Notes.

F. W. Fletcher, of Auburndale, has had several tempting offers for his stock of Ficus altissima. This promises to be an excellent commercial plant and is much more graceful than the better known F. pandurata. It makes an excellent house plant.

William H. Elliott took a large party of growers and retailers to his Madbury,

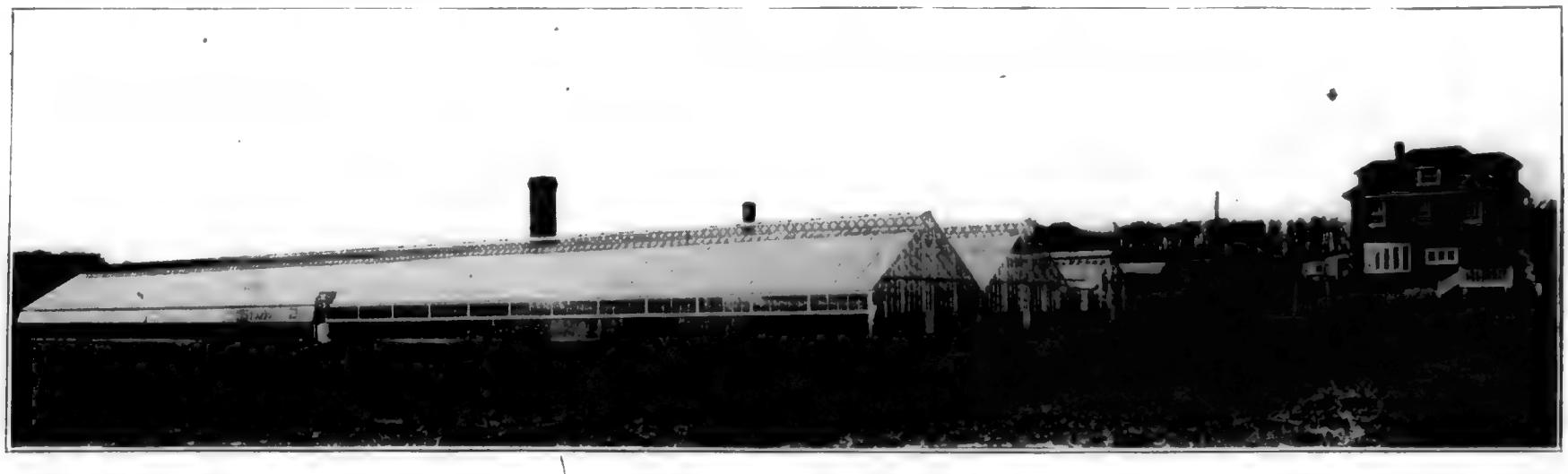
The Editor is pleased when a Reader presents his ideas on any subject treated

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.



Greenhouses of Robert Crawford, Jr., at Secane, Pa.



Leonard Kill.



Philip C. Schupp.



E. C. Amling.

Three of the Officers of the Chicago Florists' Club, Elected at the Meeting December 13.

N. H., establishment December 13. Madbury is sixty-five miles from Boston. The visitors were loud in their praises of the roses seen, the Richmonds especially exciting their admiration. Boston was reached on the return trip about 7 o'clock after a most pleasant outing.

William Nicholson spent a few days in New York last week, looking up some of the leading carnation establishments. At Cottage Gardens, Alma Ward, Beacon, Victory and other sorts were found in grand condition. Dailledouze Bros. also had a splendid stock of carnations.

W. E. Doyle is showing a lot of beautifully flowered white Lorraine begonias in his Boylston street store.

The landscape gardening classes of the Gardeners' and Florists' Club started December 14 with an excellent attendance. Some sixty members are now enrolled.

Houghton & Clark are displaying some excellent Ficus pandurata at their store. Some good Lælia autumnalis were also noted.

H. M. Robinson & Co.'s salesrooms at 15 Province street are a busy hive of industry at present. Immense quantities of wreathing and greenery of all sorts are being disposed of and much overtime is necessary to cope with the increasing volume of business. Their cut flower trade shows a steady increase, shipments going to some of the most distant points in New England.

Horrigan, of East Foxboro, is handling large quantities of cut yellow marguerites of fine quality, in the culture of which he is a specialist. William Nicholson is also a successful cultivator of these.

H. H. Barrows & Son are having great sales for their Nephrolepis Whitmani and a heavy demand for the other varieties of nephrolepis they grow.

A successful and interesting children's garden conference was held at Horticultural hall December 15. There were addresses by the Hon. George H. Martin on "The Educational Value of School Gardens;" "Horticultural Education for School Teachers," by Prof. F. A. Waugh; "The School Garden in Normal Schools," by W. A. Baldwin, and "Children's Gardens and the Public," by Frank M. Marsh. There were interesting discussions on these papers. Photographs showing children's garden work, etc., were on exhibition and the prize list for 1907 was announced.

December has proven the coldest with two exceptions we have had for thirty-three years, but as we had a considerable excess of mean temperature up to December 1 we can stand slightly more frigid conditions.

The latest standing of the teams in the Seed Trade League is as follows:

Team—	Won.	Lost.	Total pinfalls.
R. & J. Farquhar & Co.	19	8	11,259
Schlegel & Fottler Co.	19	8	11,137
Park Street Flower Market	15	12	9,798
H. E. Fiske Co.	11	13	9,483
T. W. Emerson Co.	8	19	10,485
Joseph Breck & Sons	6	18	9,378

W. N. CRAIG.

CHICAGO CLUB OFFICERS.

Last year the retailers had their inning in the management of the Chicago Florists' Club, the president and the financial secretary being both retailers. This year the president, H. N. Bruns, is grower and retailer, but the other officers, aside from treasurer, are the wholesalers, whose portraits are presented herewith.

The vice-president of the club is Leonard Kill, who is known far and wide as the representative of Peter Reinberg in the selling end of his business. Mr. Kill is young in years but old in experience, having started in Mr. Reinberg's wholesale house before it was nearly as much of a factor in the market as it has since become. He is thoroughly conversant with all features of the trade and his personal popularity makes him an excellent officer for the club.

The recording secretary is Philip C. Schupp, who is the manager of the selling end of the business of the J. A. Budlong Estate. As was the case with Mr. Kill, Mr. Schupp married into the trade. Mrs. Kill and Mrs. Peter Reinberg are sisters. Mrs. Schupp is the daughter of J. A. Budlong. Mr. Schupp's training was in the mercantile line, and when he assumed the management of Mr. Budlong's wholesale store he brought to it a knowledge of business methods that has been invaluable in the development of the business, for too often florists suffer through lack of system. No better selection could be made for the secretaryship of the club, for Mr. Schupp may be relied upon as sure to have the details well in hand, with a place for everything and everything in its place.

The newly elected financial secretary is E. C. Amling, who is regularly called upon to handle the funds whenever any community undertaking is in hand. He is the only commission man represented in the club's official roster. He began as a grower, being for some time in partnership with his brother, A. F. Amling, at Maywood, but has now been eleven years in the wholesale cut flower business, developing from a very small start to a business which is a considerable factor in this market, through the application of conservative methods. He has a reputation as a good collector, which will be of value to the club.

The treasurer is Edgar Sanders, who has held the office these many years, the last several of them in spite of his protests that he is ready to relinquish the office in favor of some younger man.

The REVIEW published the portrait of President Bruns and a brief sketch of his career in the Annual Autumn Number. Under Mr. Bruns' leadership the club promises to take a new lease of life. At the inauguration last meeting night Mr. Bruns set forth some of the things he purposes to do. Possibly most important of all, he declares that he will call the meeting to order at 8 p. m. sharp so long as that is the hour specified in the by-laws. If there is no quorum present by 8:15 he declares there shall be no further waiting.

FORT EDWARD, N. Y.—Walter L. Mead has just completed a greenhouse 20x100 feet. Leroy Fleming, formerly of Glens Falls, N. Y., is manager.

DANVILLE, ILL.—During the heavy rain December 5 the boiler pits at the Smith greenhouses on North Vermilion street, in Roselawn, filled with water, putting out the fires at midnight. Pumps were put into operation, but fires could not be started until noon, and for a time it looked as though there would be serious damage.

NEW YORK.

Christmas Prospects.

The prospects for a grand Christmas trade are bright. Everybody is expecting it and planning accordingly. Even Dame Nature has taken a hand, and by making shipments of roses less than the market readily absorbs has made it impossible for any great rise before the holidays and is giving promise of an abundance for Christmas at reasonable figures. I think the pickling menace grows less and less every year. No reputable grower indulges in it. He can't without being found out. It is becoming commendable nowadays to send the complete output of the greenhouses daily. The man who fails to do so soon gets a bad name. Before long no wholesaler will handle stock over twenty-four hours old. We look for no great advance, therefore, in the quoted prices of the present week. Beauties may go to $1 each, Maids and Brides to $25 per hundred for the best. The quality generally gives no cause for fault-finding. It is superb.

There were never finer carnations shipped than those now coming to New York. All the fancy stock and the novelties sell out clean and at good figures. There will be quite a few mums for the holidays. Gardenias are rising and in constant demand. Orchids, too, grow constantly in favor. The demand for all the varieties listed by McManus is beyond the possible supply. The call from other cities has developed into a steady demand that will take considerable hustling to satisfy. The outlook for the orchid grower is bright. We have many of them in this vicinity.

There will be plenty of valley, narcissi and hyacinths for Christmas. Lilies are not abundant; $15 per hundred will doubtless be the asking price for the holidays. Violets will sell at $1. Few were worth that during the last ten days. It is possible the specials may touch $1.50 next Saturday.

The retailers are all counting on a big plant sale and are already making up their baskets of assorted foliage and blooming stock in great abundance. Azaleas, orange trees, dracænas, fancy varieties of ferns and heather seem to be the favorite combinations.

Various Notes.

Weiss & Pfannebecker, at One Hundred and Fifteenth street and Second avenue, have sold their store to Ditzenberger, of Eighty-eighth street and Lexington avenue. The location is a good one. The old firm intend making a trip to Germany and Switzerland, the birthplace of its members.

J. B. Nugent decorated the New York Athletic Club, of which he is a member, and the Union League Club elaborately last week.

Hanft Bros. are already making preparations for the Arion ball early in the year, and the Mallons, of Brooklyn, the Emerald ball in February, as usual.

Myer had a brilliant Christmas bell window last week that attracted much attention.

Bloomingdale Bros.' retail department is kept up to date and its windows adorned with novelties with Mr. Wade in charge, while Mr. Burnham has the big conservatories crowded with everything in plant and flower that can draw and satisfy the big clientele he controls.

Warendorff, at Madison and Fifty-ninth streets, had some unique funeral work last week in easel and pall construction. Quite out of the ordinary. The Russian artist here is original and has just returned from a year's experience in California.

Henry Hession, at Madison avenue and Seventy-sixth street, and Lena Hart, at Seventy-eighth street, have beautifully decorated stores. W. C. Mansfield, on Lexington avenue, and J. B. Nugent, Sr., also are demonstrating their ambition and faith in the Christmas trade by extensive stock and attractive windows.

J. H. Small & Son's big store is resplendent with electrical effects, begonias, baskets of varied combinations and grand specimen Whitmani and Elegantissima.

D. J. Mackintosh has baskets in endless quantity and variety. Mr. Mackintosh, Sr., has just returned from a long visit in Ireland and Scotland.

EVERY now and then a well pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
520-40 Caxton Bldg. Chicago

At Thorley's new Broadway store magnificent vases of Beauties and bougainvillea were the decoration.

Thomas Young, Jr., has three big retail centers filled with the choicest of everything that makes Christmas worth while floriculturally. He had charge of the big Humphrey church and house wedding Saturday, one of the events of the season, also the Bacon wedding on Thursday, another elaborate affair.

M. Bowe, in the heart of the city, has added some noted artists to his force for the holidays and his beautiful store is all too small for the big transient trade that comes to his mill, while his family engagements keep him busy at dinners and weddings most of the time. He is "Ready for a record Christmas," he says, and that is about what everybody expects this year.

A. L. Young & Co. have a fine stock of geraniums and poinsettias in pots for Christmas.

T. L. Moore, of Moore, Hentz & Nash, is visiting his growers in Rhode Island.

T. Mellstrom, of Sander & Son, sailed for England Saturday to spend Christmas with his family.

The auctions are over. Last Thursday Mr. Elliott decided to give his mellifluous voice a rest. He has had a successful season.

W. C. Krick is overwhelmed with orders for letters this year, and his patented Christmas tree holder is also in great demand.

Arthur T. Boddington reports a great demand for gladioli, especially the Shakespeare, May and America varieties. Harry Bunyard is expected back from a very successful trip for the holidays.

John J. Foley has sold his greenhouses at Madison and is giving all his attention to his big retail store on the Bowery and to the construction of his new album of floral photographs.

F. W. O. Schmitz, of Prince Bay, has disposed of an immense number of evergreens as well as Azalea Indica. This has been the largest year in his history.

The Lord & Burnham Co. is still as busy as if the season were at its zenith instead of waning.

Hitchings & Co. are enjoying a goodly share of the general prosperity and when their immense works at Elizabethport are completed they will have all the conveniences needed to considerably increase their output.

Anton Schultheis has a grand display of Christmas plants, but they all will be disseminated by Saturday. New York and Brooklyn take most of them.

Bobbink & Atkins, of Rutherford, have a great stock of azaleas in bloom for Christmas.

Andrew Wilson, of Summit, was in the city last week in the interests of his scale-killing plant oil. The sale of it is already making a larger force and greater conveniences for its manufacture a necessity.

The orchid men are all busy importing, building and shipping. Julius Roehrs Co., Lager & Hurrell, Carrillo & Baldwin, A. Held and Siebrecht & Son are all doing their share to make possible the supplying of the unusual demand that has developed from every part of the country.

F. R. Pierson Co. have sent out some grand specimens of Elegantissima for the Christmas decorations. Winsor is coming to the market from the big houses at Scarboro and is very popular.

O. V. Zangen, the seedsman of Hoboken, reports his biggest year.

Reed & Keller report big business for Christmas.

H. Frank Darrow is back from the west after a very successful trip.

John Lewis Childs, of Floral Park, has sold all the great stock of Phoenix Roebelenii he offered the trade earlier in the year, with the exception of the seedlings.

Sheridan's Beauties, as usual, will be a feature on Twenty-eighth street for Christmas, and Saltford's violets on Twenty-ninth street, from his own greenhouses, demonstrate he knows "how to grow" them. All the wholesale houses are optimistic as to the holiday trade and making more extensive preparation than usual for it.

New York Defeats Madison.

The following account of what the New York seedsmen did to the Madison gardeners is contributed:

"We snowed them under. Herrington had a hunch on what was coming, so wisely stayed out of the game. The Madisons had hopes the first few frames, but when they saw their big chief, Duckham, miss a few they seemed to lose heart and it was like taking candy from babies after that. Three straight and over 100 pins each game. Wasn't it awful! These were the deciding games of the series, New York having won five

out of the nine. However, the Madisons took it good-naturedly and showed the visitors a royal good time. Billy Rickards' bowling, the Mule Team singing, and Bobby's rooting were the features.'' The score follows:

Madison—	1st	2d	3d
Crane	133	167	163
Schultz	124	105	105
Totty	133	137	113
Keating	122	194	131
Duckham	150	135	152
Totals	662	738	664
New York—	1st	2d	3d
Wheeler	105	140	141
W. Rickards	164	149	130
A. Rickards	145	160	180
Protin	168	200	192
Chadwick	185	175	177
Totals	767	824	820

Here's hoping everybody has a merry Christmas. J. AUSTIN SHAW.

OBITUARY.

Alfred F. Conard.

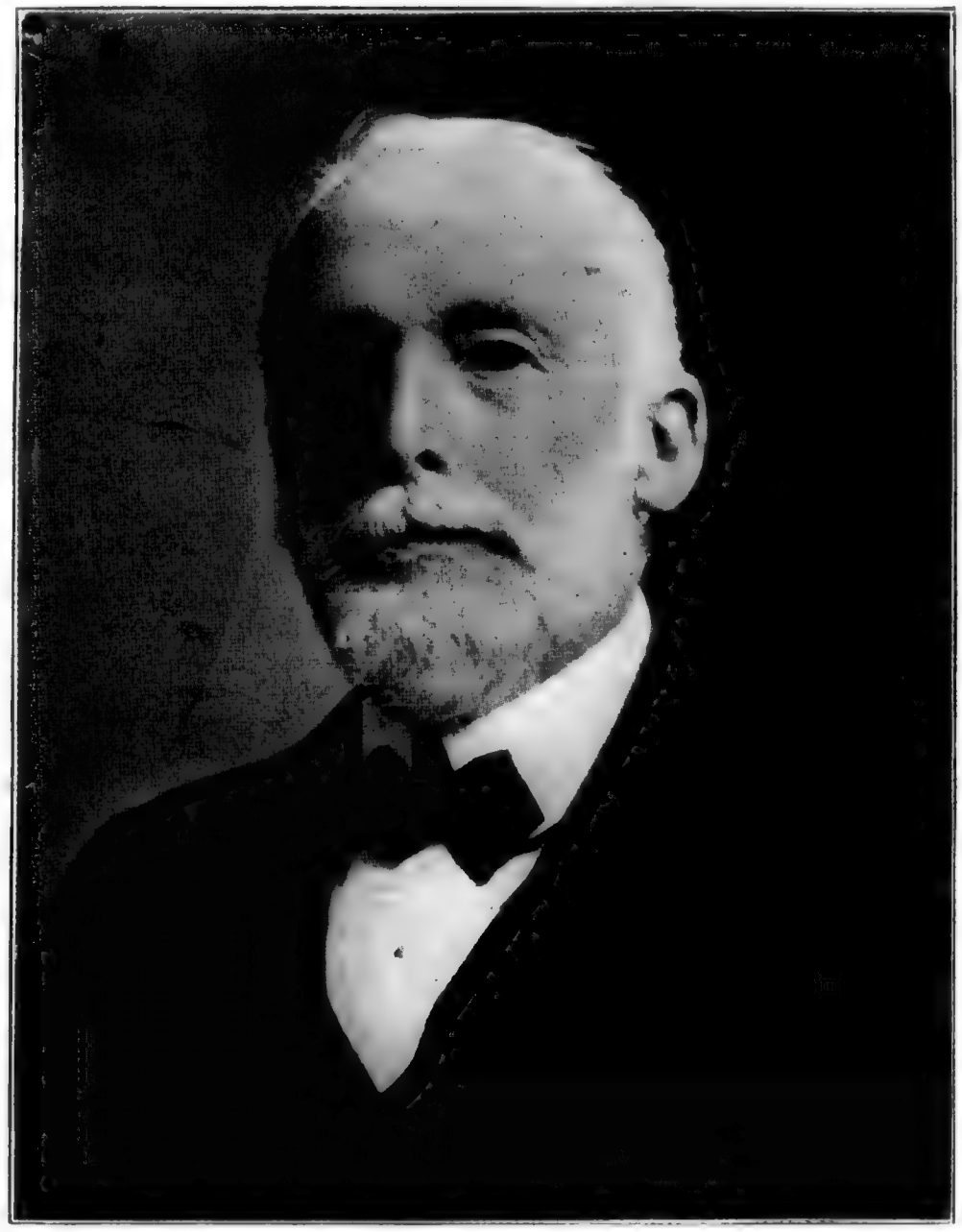
Another of the grand old men of horticulture is gone. The announcement is made of the death of Alfred F. Conard, president of the Conard & Jones Co., of West Grove, Pa., a town for its size probably better known to the general public than any other in America, largely because of Mr. Conard's establishing there a mail-order plant business which now extends not only to every part of the United States but to every civilized country in the world. Since 1869 Mr. Conard and Antoine Wintzer have been associated in this business, devoting their attention largely to roses, for which the house is probably best known, although it is only one of a number of specialties. Mr. Wintzer is one of the most expert rose propagators in America, but is also regarded as an authority on the canna. In both departments they have been responsible for the introduction of a number of the best varieties now in the trade. Mr. Conard has been the business spirit back of the house in all these years of development. The present firm was organized and incorporated in 1897 with Mr. Conard president, Mr. Wintzer vice-president and superintendent, S. Morris Jones treasurer and Robert Pyle secretary. Since that date the increase in the trade and in the facilities for handling it have been more rapid than ever. The catalogue now carries a full line of stock for the retail mail trade and Mr. Conard often has said that never in his most enthusiastic moments did he, half a century ago, when he was laying the foundations of the business at West Grove, dream of such possibilities as have come with his later years.

On the morning of Saturday, December 15, Alfred F. Conard, aged 71 years, was found dead in bed at his home, in West Grove, Pa. He was the senior member of the Conard & Jones Co., and has long been prominent in that section of the county, in addition to being one of the most widely known rose growers in the United States.

For some time Mr. Conard had been in rather poor health and a week ago was ill as the result of a stroke of apoplexy, but grew better, and two days before his death was at his office.

Mr. Conard was a descendant of Dennis Conard, a German, who settled at Germantown, a suburb of Philadelphia, in 1683. Alfred was a son of Thomas and Rebecca Shoemaker Conard, and obtained his education in his father's school, at West Grove, and the Westtown Boarding School. Subsequently he settled at West Grove, where he learned the nursery business under the personal supervision of Thomas W. Harvey. After acquiring a thorough knowledge of his vocation Mr. Conard entered into a partnership with Charles Dingee, under the firm name of Dingee & Conard. Mr. Conard was largely instrumental in organizing its mail-order business, which extends all over the United States, and established a national reputation for West Grove. A number of years ago Alfred Conard retired from the Dingee & Conard Co. and established a new business at West Grove, in the same line, under the title of the Conard & Jones Co. Mr. Conard has been a director in the National Bank of West Grove, and was connected with several organizations concerning plant culture.

In 1862 he married Lydia Hughes, daughter of Samuel Hughes and sister of Mark Hughes, West Grove, and Mrs. Edward Savery, West Chester. Mrs. Conard survives him. He leaves no children. One brother, Pennington Conard, resides at Lansdowne. Mr. Conard was a member of Orthodox Friends Meeting, and during his life attended regularly. The funeral was held at Old West Grove Meeting House December 18, a special train being run from Philadelphia, as so many desired to attend.



Alfred F. Conard.

Albert Woltemate.

Albert Woltemate, one of the oldest and best known florists of Philadelphia, died suddenly of heart failure while going to his greenhouses last Monday morning, December 17. Mr. Woltemate had carried on a general florist's and landscape gardening business on Germantown avenue, near Queen Lane, all his life. The business, which had been carried on by his father, and later by his brother William and himself, is one of the most extensive in Germantown. The lot extends all the way from Germantown avenue back to Green street. On the front is an immense store; behind it a dozen or more greenhouses devoted to raising foliage, flowering and bedding plants, which are sold at wholesale as well as at retail. Mr. Woltemate was a tremendous worker, with abilities adapted to almost every requirement of his business. He was essentially a florist of the old school, capable of arranging a decoration, making up a design, growing plants, grading a lawn, or building a wall, with equal facility. He loved his work dearly and was never happier than when engaged in some difficult task. His untiring energy made almost possible the herculean labor of growing plants and flowers in the heart of a busy town. For some varieties of plants, such as gloxinias, tuberous-rooted begonias, and hydrangeas, he was a regular source of supply to many of Philadelphia's leading retailers. Mr. Woltemate was an enthusiastic member of the Germantown Horticultural Society, of which he was a vice-president for many years. He is survived by a widow, and by one brother, Henry C. Woltemate, whose greenhouses are on Mt. Airy avenue, near the Philadelphia & Reading railway. PHIL.

PLEASE find enclosed $1 for your tip top paper.—WM. WALKER, Louisville, Ky.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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SATURDAY is the shortest day in the year.

WHEN the days begin to lengthen the cold begins to strengthen.

EVERY year the propagating of carnations and the purchase and sale of cuttings is beginning a little earlier than it did the year before.

THE Proceedings of the Society of American Florists, being a stenographic report of the Dayton convention, lists of members, etc., has been issued and mailed to members.

NOTICE.

To Advertisers and Correspondents.

Advertisers and correspondents are asked to note that both Christmas and New Year's fall on Tuesday, the busiest day in the office of the REVIEW. It will be necessary that copy for the issues of December 27 and January 3 be placed in our hands one day earlier than usual.

GLASS AND THE TARIFF.

The printed report of the proceedings of the twenty-second annual convention of the Society of American Florists, held at Dayton, Ohio, last August, is now out, and for the benefit of those who were not present at the meeting, they will find on pages 78 to 85 the action which was taken upon the discussion of President Kasting's address relative to the cost of glass for greenhouse work.

It will be noticed in that report that it was suggested that the first step for practical results would be to find, from the committee of ways and means, what was likely to come up.

The Hon. Butler Ames, one of the Massachusetts congressmen, stands as a leader and member in favor of tariff revision, and in reply to a letter addressed to him, as to what action would be likely to be taken upon revision by those who favored such a course, he makes his reply as follows:

House of Representatives,
Washington, D. C., Dec. 8, 1906.

Benjamin Hammond,
Fishkill-on-Hudson, N. Y.

Dear Sir: Congressman Ames wished me to acknowledge receipt of your letter of the 6th instant with its enclosures in reference to the proposed revision of the tariff, and to say in reply that this matter has not yet reached a point where the majority of this congress have indicated that they are favorable to a revision.

Yours respectfully,
J. A. Legare,
Private Secretary.

It will thus be seen from the letter received from the chairman of the committee of ways and means of the house of representatives, already published, and the letter above, shows that there is no expectation of any real work being done at the present session of congress. What may develop during the winter, which will lead up to an extra session next year, remains yet to be seen, but there is no doubt but what if the florists as a body will stand together, that their collective influence would have much weight. BENJAMIN HAMMOND.

CONGRESS OF HORTICULTURE.

One who would safely navigate the ocean finds it essential to occasionally make observations to establish his exact location. He may have kept a record of the ship's course, know to a nicety the force of the wind and the ocean currents, the number of revolutions of the propeller, and be able to tell just where the ship ought to be, but experience has taught that in addition to this he must, by observations, ascertain just where it is. In like manner those who assay to explore the ocean of the unknown should occasionally make observations and comparisons to ascertain just where they are.

We can learn something of this through a mere physical exhibition of what has been and can be accomplished, but it is far more important that we come to an exact knowledge of the laws through which and by which the results are obtained. This can only come through a conference between those who are studying these laws, for what seems to be the truth to one under a certain set of conditions, the experience of another under other conditions may show it to be only a seeming truth. It is well then for all those who are engaged in any particular line of study to meet occasionally for council, that they may ascertain how much of what we think we know is actually so, to ascertain just how far we are in our voyage into the unknown.

To this end the National Council of Horticulture has thought it wise to call for the meeting of a congress of the horticulturists of the world to assemble at Jamestown, Va., during the latter part of the exhibition to be held there in 1907, to commemorate the four hundredth anniversary of the first permanent English settlement in what is now the United States. The exact date of the meeting and the formal program has not been decided upon, but will be announced later. But in the meantime we ask that all interested in progressive horticulture plan to attend the congress and communicate with H. C. Irish, Missouri Botanic Garden, St. Louis, Mo., U. S. A., as to what definite subjects should be discussed. W. W. TRACY.

Washington, D. C., December 11.

SOCIETY OF AMERICAN FLORISTS

Department of Plant Registration.

Central Park Nursery, Topeka, Kan., submits for registration Canna Magnificent; foliage green; bloom rich scarlet of extraordinary size; height four feet.

Appointment of Director.

Secretary-elect P. J. Hauswirth has tendered to President Kasting his resignation as a director of the Society of American Florists and same has been accepted. President Kasting has appointed Theodore Wirth, of Minneapolis, to serve as a director for Mr. Hauswirth's unexpired term of two years.

WM. J. STEWART, Sec'y.

SOUTHERN FLORISTS.

The Society of Southern Florists was organized at Chattanooga, Tenn., May 22, 1906. The purpose of the organization is mutual business and social benefits to members and the improving and enlarging of trade conditions in southern territory.

Forty-six charter members were enrolled, officers elected, a liberal and practical constitution adopted and arrangements made for holding a convention of florists at New Orleans in the near future.

The constitution admits to membership professional and amateur florists, horticulturists, seedsmen, dealers in supplies and implements incidental to the trade and others having allied interests.

There is so much in prospect for the betterment of floricultural and horticultural conditions in the south— a section especially adapted to these operations— through organization, that an earnest appeal is made to all who are directly or indirectly interested to lend a hand in extending encouragement and substantial support by promptly sending in to the undersigned, or directly to the treasurer, Jos. Steckler, New Orleans, their application for membership and the modest sum of $1, which the constitution requires as annual dues.

J. F. WILSON, Sec'y.

CARNATIONS...

Carnations are generally reported scarce, but we shall have large supplies the next few days—Extra fancy stock, the best in this market and the best we ever handled for Christmas. Common, $5.00 to $6.00 per 100; large and fancy, $6.00 to $10.00 per 100.

POINSETTIAS

A fine lot of stock, fancy, $4.00 per doz.; smaller grade, $2.00 to $3.00 per doz.

STEVIA

You need it for every Christmas Box of flowers. Fine, fancy, long stock, $2.00 per 100.

VALLEY

We handle the best Valley on this market; plenty for everybody, $4.00 to $5.00 per 100.

MIGNONETTE

Extra fine, fancy stock, in large supply, $6.00 to $8.00 per 100.

BULB STOCK

Any quantity of fine Paper Whites and Romans, $3.00 to $4.00 per 100.

VIOLETS

Cream of the Hudson River doubles, and the finest home-grown singles. Fancy New York doubles, $2.50 per 100; $20.00 to $25.00 per 1000. Fragrant singles, $2.00 per 100; $20.00 per 1000.

GREEN GOODS

Plenty of everything. Bouquet Green is scarce, use Asparagus Strings.

Asparagus Plumosus, per string---$0.35 to $0.50
" " per bunch --- .35 to .75
" Sprengeri----------per 100 3.00 to 6.00
Adiantum---------per 100 1.00 to 1.50
Smilax--- per 100, $15.00; per doz. 2.00
Ferns, per 1000, $2.00; per 100, 25c
Leucothoe Sprays, per 1000, $6.00; per 100, 75c
Galax, green and bronze, per 1000, $1.00
" " " " per case, 10,000, $9.00
Boxwood----------35c per bunch; $7.50 per case

Open All Day Sunday, December 23

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-36 Randolph St. CHICAGO, ILL.

Long Distance Phones, 1978 and 1977 Central. Automatic 7846.

Mention The Review when you write.

CHICAGO.

The Great Central Market.

The week opened with excellent demand, both from out of town and locally. The receipts of stock were light and it was impossible to fill all orders on Monday, a condition which has prevailed more or less steadily in the days following. It is quite apparent that growers are holding back stock as much as is possible to accumulate a Christmas supply, for the only items which are in large receipt are such as stevia, Paper Whites, and the things for which there is no extra demand at Christmas. The wholesalers have had their own troubles to get anything like the quantities of roses and carnations they have need for, the growers refusing to cut any more than they have to, though the commission-men tell them that the stock will realize better prices now while in good condition than it will just before Christmas, when it has passed its best.

Good Bridesmaid roses are the shortest item in the market. A long stretch of cloudy weather has had the effect of taking out much of the color, and both Brides and Maids are soft.

It is reported that smilax will shortly stiffen materially in price.

Christmas Prospects.

The booking of advance orders for Christmas is heavier than in any recent year, and wholesalers are much in doubt as to what the outcome will be. In many cases they are booked up to anticipated receipts in many lines and are declining orders except for certain specialties or items not in large holiday demand. The confidence in large supplies for Christmas has been shaken by a week of steady, cloudy and often stormy weather. The wholesalers have been visiting their sources of supply to verify the reports of little stock in sight, and as a rule they find the grower's lugubrious predictions fully warranted by conditions. It is, nevertheless, the fact that on most occasions when great scarcity has been predicted exactly the opposite has been the condition on the day before the holiday. There is no question but what all good stock will go out Saturday and Sunday at prices fully up to the best ever realized in this market. But the grower who holds his cut beyond Sunday morning is likely to have cause for regret. Pickled stock will be worth little in any event. If you have anything in the vat, send it in at once.

Aside from the prospective shortage of carnations, the greatest scarcity will be of good Bridesmaid roses. There will be no greater number cut of other varieties, but the average quality will be better. There will be tremendous receipts of Hudson river violets. Several growers have large crops of lilies ready. Poinsettias promise to be abundant. There will be all the bulbous stock the market can use.

Bouquet green is proving not so short as early predictions indicated; there seems enough to go around at the price. Holly is abundant and most of it of fine quality.

The Commission Woman.

So far as records show, Miss Martha



WIETOR BROS.

51 Wabash Ave., CHICAGO

CHRISTMAS PRICE LIST

AMERICAN BEAUTY—	Per doz.
Extra long stems	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00
12-inch stems	3.00
8-inch stems	$1.50 to 2.00

	Per 100
Brides, fancy	$10.00 to $15.00
" good	6.00 to 8.00
Bridesmaids, fancy	10.00 to 15.00
" good	6.00 to 8.00
Liberty, fancy	$20.00
" good	$ 8.00 to 15.00
Richmond, fancy	20.00
" good	8.00 to 15.00
Chatenay, fancy	10.00 to 15.00
" good	6.00 to 8.00
Uncle John, fancy	10.00 to 15.00
" good	6.00 to 8.00
Perle	6.00 to 10.00
Roses, our selection	6.00
CARNATIONS—Good	5.00
" Fancy	6.00
" Ex. fancy Enchantress and Red	8.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

C. Gunterberg is the only woman strictly commission-man in the United States. She does business at the Flower Growers' Market, handling the product of some half dozen growers on the usual commission basis. Miss Gunterberg is a bright young woman of experience in the trade, having been for some time with J. Bombenger on Sixty-fourth street. Her start in the commission business was with the stock of the Guardian Angel Orphan Asylum, but she soon took on other growers. She makes her own credits, supplies the capital to carry her customers and make weekly payment to growers, and does in all respects the regulation commission business.

There are several other women selling in the Growers' Market, and some of them handle goods on commission, but all are backed by the stock from their own family establishments.

Club Meeting.

There was a good attendance at the December meeting of the Florists' Club. The election of officers was the principal order of business. This should have taken place at the November meeting, which was postponed because of the flower show banquet. Because of the postponement, nomination, election and installation all were handled at one sitting. The election resulted as follows: President, H. N. Bruns; vice-president, Leonard Kill; treasurer, Edgar Sanders; recording secretary, P. C. Schupp; financial secretary, E. C. Amling; trustees, F. F. Benthey, C. H. Fisk, J. F. Klimmer, P. J. Hauswirth and George Asmus. The treasurer's report showed $291.43 in the general fund and $179.80 in the special fund, which looks like affluence. A report of flower show results was made. It showed the loss to have been smaller than had been anticipated.

Visitors were Harry Papworth, of New Orleans, and Harry Bunyard, New York.

Various Notes.

Carl N. Thomas, who has been farming at West Springfield, Pa., during the last summer, is again on deck at his old stand with the A. L. Randall Co., of which he formerly was secretary. He looks as though a summer outdoors had agreed with him.

P. J. Hauswirth plans to go to Boston about January 2 to take over the appurtenances of the office of the secretary of the Society of American Florists. Mr. Hauswirth does not hold all the offices devolving upon the Hauswirth family, his son Ed having recently been honored by election to a lieutenancy in the First Cavalry, Illinois National Guard.

The retailers have been busy looking up stock in the plant line for the holiday trade. They have discovered little in the way of novelty, but have found in several establishments well flowered azaleas, fine Lorraine begonias and some good oranges.

Walter Retzer, formerly in business in this city and later on the Pacific coast, is now with Mrs. M. M. Ayers, at St. Louis.

Jegen, on Madison street, has made an attractive use of the folding Christmas bells for his show window. The sides of the window are mirrors set at an acute angle with the glass. In front of these he has suspended small branches of trees and from each one has suspended perhaps twenty-five of the 2½-inch paper bells. The mirror doubles the number of bells for the person who looks at the display, and the effect of the shower of bells is excellent.

August Poehlmann says that the Poehlmann Bros. Co. will be in line with a big crop of Harrisii from Christmas on.

Sunday will be the big shipping day for the Christmas business. It is worth while remembering that there is only one chance to get mail, by going to the postoffice between 10:30 and 12:30. Buyers should bear this in mind.

The Chicago Rose Co. is doing a large business this week in greens and holly.

F. R. Hills, Maywood, Ill., has a nice lot of poinsettias, many of them grown in pans and just right for retail sales, not over fifteen inches high.

Robert Johnstone, of Vaughan & Sperry, resumed work Monday morning after a week under the doctor's care.

Emil Buettner is sending large quantities of fine Paper Whites to the A. L. Randall Co.

Frank Beu cut his last chrysanthemums December 17.

Leopold Koropp, of the Sheridan Park Floral Co., reports the world treating him particularly well in the last year, and he looks it.

W. L. Palinsky buried his mother December 12. She was 81 years of age. Her death was due to a fall from a couch some three weeks ago.

Zech & Mann report that Carnation Vesper is one of the best keepers among the whites.

D. J. Murphy is now in charge of the

PETER REINBERG

51 Wabash Ave., CHICAGO

CHRISTMAS PRICE LIST

Subject to Change Without Notice.

	Per doz.
BEAUTIES—	
Extra long	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00
12-inch stems	3.00
Short stems	$1.50 to 2.00

	Per 100
LIBERTY, extra select	$20.00 to $25.00
" No. 1	15.00 to 18.00
" No. 2	10.00 to 12.00
" short	6.00 to 8.00
RICHMOND, extra select	20.00 to 25.00
" No. 1	15.00 to 18.00
" No. 2	10.00 to 12.00
" short	6.00 to 8.00
GOLDEN GATE, select	12.00 to 15.00
" " medium	6.00 to 10.00
PERLE	$6.00 to $10.00
BRIDES, select	10.00 to 15.00
" medium	6.00 to 8.00
MAIDS, select	10.00 to 15 00
" medium	6.00 to 8.00
CHATENAY, select	20.00
" No. 1	15.00
" No. 2	10.00 to 12.00
" short	6 00 to 8.00
SUNRISE, select	18.00 to 20.00
" medium	12.00 to 15.00
" short	6.00 to 8.00
UNCLE JOHN, select	12.00 to 15.00
" " medium	6.00 to 10.00
IVORY, select	12.00 to 15.00
" medium	6.00 to 10.00
CARNATIONS, fancy	8.00
" good	6.00
ROSES Our selection, short to medium stems, fresh stock	6.00

1,500,000 Feet of Modern Glass. **No Charge for Packing and Delivery.**

Mention The Review when you write.

rose house of Albert Lies and the stock is looking fine.

Leonard Kill was on deck at Peter Reinberg's again Monday morning after a couple of days' illness. He reports being closely booked up on the Mrs. Field rose, the best stock at $6 per dozen. One retailer offered an order for 300 at that price, but could only be accommodated in part.

Kennicott Bros. Co. is receiving considerable quantities of chrysanthemums this week. Nonin is the principal variety.

All the supply houses are as busy as they can be. C. M. Dickinson at Hunt's says the season is considerably the best to date with them. The A. L. Randall Co. has all it can handle in the supply department, and E. F. Winterson Co. is rushed. They are making a specialty of artificial goods, also handling holly in quantity, but not making so much wreathing as usual.

N. J. Wietor says that he looks for the heavy demand for Beauties, good roses and carnations to hold better than usual through the week from Christmas to New Year's. He has many inquiries for stock for social functions around New Year's.

E. Francis, of Scheiden & Schoos, says he is in every way satisfied with the way business is progressing.

It is reported one retailer has placed an order for 30,000 violets for Sunday and Monday.

F. F. Benthey says the call for Killarney is something tremendous; had they anticipated it they would have planted it much more heavily.

Visitors.

Among the visitors in the last week were: E. H. Haentze, Fond du Lac, Wis.; H. A. Bunyard, New York, suffering from writer's cramp as the result of a trip among the gardeners at Lake Geneva; Harry Papworth, New Orleans; C. F. Rice, Minneapolis; Mrs. C. W. Pike, Racine, Wis.; Will Breitmeyer, Mt. Clemens, Mich.

ST. LOUIS.

The Market.

The Christmas rush will be on this week and everything looks bright for good business, although it has been rather quiet for the last week in almost everything except funeral work. The advance sales of holiday greens are very satisfactory and the demand for holly is expected to exceed all previous years. Mistletoe is fine. Among the plants for Christmas which seem most in favor are cyclamens, azaleas, poinsettias and Lorraine begonias. These are fine, especially those from Jablonsky and Bentzen.

The cut flower market was dull Monday, not much stock coming in. Prices this week will be almost as high as the day before Christmas, so it would hardly pay for any of the shippers to hold stock back. Fancy grades in roses are up to $8 and $10 per hundred. There seem to be plenty of seconds. Beauties are scarce in all grades. Carnations, too, have shortened up considerably, with prices much higher on fancy stock.

California violets also are high in price; $2 per hundred will about be the rate for Christmas. Bulb stock will be plentiful. Prices will hardly go up on this stock. Stevia and a few callas and sweet peas will about make up what the market will contain during the holidays.

Club Meeting.

The last meeting of the year of the St. Louis Florists' Club took place December 13, President Irish occupying the chair, with twenty members present.

Chairman W. C. Smith, for the trustees, reported that they had engaged a new hall in the Burlington building, 810 Olive street, opposite the post-office. The club will hold its first meeting there January 10. In this hall no exhibitions can be given, so it was decided to hold our exhibition in some other hall and invite the public. E. G. Eggeling was elected to membership. The flower show committee made a favorable report and read the names of thirty-eight subscribers to the guarantee fund, who subscribed $2,500, and stated that by the January meeting the fund would reach $7,000. This report enthused the members present to work hard to accomplish the committee's desire to finish the fund not later than the February meeting. That the show is a go, goes without saying.

G. H. Pring, of the Missouri Botanic Garden, read an essay on "The Cultivation of Orchids," which was pleasing to the members. A. J. Bentzen led a discussion on growing cyclamen which was participated in by Messrs. Schray, Braun and Fillmore. Harry L. Goodman, a representative of the Union Stock Yards, Chicago, was present and gave a talk on pulverized sheep manure, which his company is selling in large lots to florists.

POLLWORTH MILWAUKEE

WE WISH ALL FLORISTS

who buy from us
and
all who don't

A MERRY CHRISTMAS
A HAPPY NEW YEAR

C. C. Pollworth Co., The Leading WESTERN Florists' Supply House

All roads connect with Milwaukee

POLLWORTH MILWAUKEE POLLWORTH MILWAUKEE POLLWORTH MILWAUKEE

Horticultural Society.

The St. Louis Horticultural Society, which was organized lately, is out with a neat pamphlet stating the objects of the society with indorsements by Professor William Trelease, director of the Missouri Botanic Garden, Henry T. Kent, president of the Civic League, and F. W. Taylor, who was chief of horticulture at the world's fair. Patrons of the society are to pay $100; life members, $50; active members, $10, and regular members, $5 annually.

The society aims to give at least one creditable flower show each year; act as authority in horticultural questions; give instructive public lectures; issue bulletins on the care of plants in the house or conservatory and to erect and maintain a horticultural hall.

President Harry Young reports that the society is making good progress and hopes to accomplish its aims within a year's time. Most of its members are also members of the local Florists' Club, and both the society and the club can work in harmony for the good of our profession.

Various Notes.

Henry Johann, of Collinsville, Ill., and Harry L. Goodman, of Chicago, were visitors on Thursday of last week and attended the club meeting in the afternoon.

George Waldbart is stocked up with some extra fine blooming plants for the holidays, with a great many of them marked "Sold."

Walter Retzer has entered the employ of Mrs. M. M. Ayers, on Grand avenue. Mrs. Ayers reports business extra good.

Frank Ellis will after the first of the year have his business settled up and then will bid St. Louis good-bye, and leave for Panama to look after his interests there. His family will follow later.

Fred Foster and Alex. Siegel visited Chicago recently to buy stock for Christmas business.

John Steidle, of Central, missed his first club meeting this year. He must have been busy.

Henry Braun, who is foreman for Adolph Brix, is showing good results at the old Klockenkemper place. Mr. Brix's store on St. Louis avenue is filled with fine Christmas plants and cut stock. Mr. Brix has a good word for business.

Miss Schnell, of East St. Louis, has had a busy week in funeral work. She is a regular buyer in this market.

Kalisch & Sons, at Delmar and Taylor avenues, are making their usual fine holiday window decorations. Business is reported good in all lines.

The Ellison Floral Co. had the busiest week in years, with decorations, and required extra help.

J. F. Windt has his large show house on Bayard avenue looking fine and is ready for the holiday season.

The Bentzen Floral Co., on Grand avenue, is having fine success this year with Begonia Gloire de Lorraine and other blooming plants for holiday sales.

The Florists' Bowling Club will rest up from now until after the holidays. Beginning the first Monday night in the new year, Captain Lohrenz, of the retailers, and Captain Schriefer, of the wholesalers, expect their teams to roll regularly every Monday night.

Visitor: S. B. Wertheimer, New York.

J. J. B.

CINCINNATI.

The Market.

We are having the dull spell that always comes just before the holidays. There is little doing and there is scarcely any stock arriving. What little does come in is bought up about as soon as it is unpacked. Prices rule high and are not much below the Christmas quotations. Christmas prices will take effect about Friday and will be high this year. That flowers of all kinds are going to be scarce for the holidays there can scarcely be a doubt, for with the cloudy weather stock has not had a chance to bloom. Carnations cannot be otherwise than scarce, and roses are sure to be soft and the Maids off color. Of course there will be the general line of flowers grown especially for the holidays, but there will not be any more than enough to fill orders. We had a regular old-fashioned snowstorm Monday.

Various Notes.

Henry A. Konzelman, who was until recently with George & Allan, has started in the retail business in Walnut Hills, at 1602 Forest avenue.

Miss White, of Lexington, Ky., has been here buying stock for the holiday trade.

The members of the Florists' Society should not overlook the date of the next meeting, January 12. This will be the banner meeting of the year and every one who comes will be glad that he did not miss it. There will be a smoker and many other things that will be of interest. And, too, do not forget the ques-

CHRISTMAS SPECIALTIES

Poinsettias.....per doz., $3.00 to $5.00
JUST WHAT YOU WANT.

Red Winter Berries, $3.00 per case
FINE SELECTED STOCK.

Boxwood, Bunch, 35c; case, 50-lbs., $7.50
YOU WILL USE.

Wild Smilax.....$3.00 to $5.00
HUNT'S PARLOR BRAND.

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

Christmas Prices

BEAUTIES	Per doz.
30 to 36-inch	$10.00 to $12.00
24 to 28-inch	6.00 to 8.00
15 to 20-inch	3.00 to 5.00
8 to 12-inch	2.00 to 3.00
Shorts	1.00 to 2.00

ROSES (Teas)	Per 100
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	10.00 to 25.00
Golden Gate	6.00 to 15.00
Chatenay	6.00 to 12.00
Kaiserin	6.00 to 15.00
Roses, our selection	6.00
CARNATIONS	4.00 to 5.00
" fancy	6.00 to 8.00

MISCELLANEOUS		
Poinsettias	per doz.	3.00 to 5.00
Violets, double		2.00 to 2.50
Violets, single		1.50
Harrisii Lilies	per doz.	2.00
Callas	"	2.00
Valley		4.00 to 5.00
Paper Whites		3.00 to 4.00
Romans		3.00 to 4.00

GREENS		
Smilax Strings	per doz.	2.00
Asparagus Strings	each	.40 to .50
Asparagus Bunches	"	.35
Sprengeri Bunches	"	.35
Adiantum	per 100	.75
Ferns, Common	per 1000	2.00
Galax, G. and B.	"	1.50
Leucothoe Sprays	"	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

A. L. RANDALL CO.

Fancy Mignonette, Stevia, Paper Whites, Violets, Roses, Carnations and All Flowers in Season.

FLORISTS' SUPPLIES

Our supply department is the most complete in the West. Our new, fully illustrated catalogue sent in reply to a postal. It will save you money on every order.

A. L. Randall Co., 19-21 Randolph St., Chicago

Mention The Review when you write.

tion box. Send any question you would like to have answered by an expert and it will be done for you in the best possible manner. C. J. OHMER.

Two wills of the late Michael Schmit, Sr., have been offered for probate. Schmit, who lived at 959 Churchill avenue, died on November 28, leaving an estate valued at $75 in personalty and $2,500 in real estate. December 5 his son, Michael Schmit, Jr., applied for appointment as executor of the estate, having filed a will made by his father on April 13, 1903, in which the entire estate was left to him. While the son was making application for appointment as executor, through Attorney Victor Abraham, Attorney Joseph Schroeder, who represents the widow and stepmother, came into the courtroom. Attorney Abraham suggested that the widow might waive service then and there, to which Attorney Schroeder answered that the son might do likewise, following up his statement by exhibiting a will dated September 20, 1906, in which the widow is left everything and is named as executrix, the son being cut off entirely. The two wills were then pinned together and filed for the hearing.

TWIN CITIES.

The Market.

Trade has not been heavy with any of the dealers. A few of them were favored with some nice orders for funeral work, but outside of that business was quiet. Considerable activity is displayed in decorating for Christmas and already some very pretty effects are noted.

Stocks are kept up well, notwithstanding the dull business. Roses are about as good as we have ever had. Carnations will be scarce. A visit to some of our leading carnation growers brings this situation in plain view. Miscellaneous stock is looking good and considerable will be cut Christmas. Blooming plants are plentiful. Every grower seems to have a full supply of good stock. Prices are high and it begins to look as though the retailer would be compelled to ask a big price in order to make much during the holiday trade.

Holly and green are selling well, but the commission houses have cut the trade up considerably.

St. Paul.

Alfred Lemke, of the new firm of Colberg & Lemke, was married a few days ago. He is the son of one of our oldest florists, E. F. Lemke.

Holm & Olson say trade has been quiet in flowers for social occasions, but the demand for funeral work was very good last week.

L. L. May & Co. have stocked up with a big line of Christmas novelties, in baskets, hampers, etc.

C. F. Vogt has made and ready for delivery some very fine holly wreaths. He is expert in turning out that class of work.

August Vogt reports a quiet week but a great many inquiries for Christmas stock.

E. F. Lemke is still cutting some fine mums and believes that he is going to

FOR THE HOLIDAYS

POINSETTIAS, very fine, in quantity.

AMERICAN BEAUTIES—We have the largest and finest stock of this rose in Philadelphia.

HIGH-GRADE BRIDES AND BRIDESMAIDS.

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

be able to carry quite a number until Christmas.

Minneapolis.

Ralph Latham reports good business and anticipates a heavy Christmas trade on cut flowers, notwithstanding high prices.

John Monson, of the Minneapolis Floral Co., has a heavy stock of plants. His poinsettias and azaleas are especially fine. He has booked a large number of orders.

Amundson & Kirchener are doing satisfactory business. Funeral work was so heavy last Friday that they were compelled to work all night.

The New York Floral Co. complains of slow trade. FELIX.

PHILADELPHIA.

The Rising Eastern Market.

Business at this writing, just before the Christmas rush, is sufficient to consume most of the flowers that come into the market at good figures. The conditions are, however, somewhat chaotic. For instance, carnations of high grade advanced in price on Saturday, and on the same day some went to the street, an unusual thing now. American Beauty roses continue in excellent demand at advancing prices. The better tea roses are selling well, but some of the lower grades, together with Paper Whites, Romans and smilax, are accumulating. Bouvardia is advancing in price; pansies are selling well. Mrs. Jerome Jones has disappeared from the list of available chrysanthemums. Poinsettia is becoming more and more a factor, the stock being extremely fine.

Christmas Plants.

The tendency of late years has been for flowering rather than foliage plants at the holidays. While foliage plants are still bought to some exent, it is chiefly the bright-colored varieties, the staple green sorts retiring to the background at this festive season.

Among plants in flower the first place this Christmas must be awarded to the new azalea, Mme. Petrick, which is described as a Christmas Mme. Vander Cruyssen of lighter shade. The flowers are large and full, they develop well and evenly, and do not fall readily. Verveneana is also excellent. Apollo and Spitfire are good Christmas reds, the latter being the better of the two, but they are hardly up to market requirements. Deutsche Perle is nice, but white is not the right Christmas color, and the variety has some drawbacks at this season.

Poinsettia in all sizes, from the little fellows used in baskets, up to the tall decorative stock, are finer and evidently more popular than ever before. Great quantities of short plants with large heads are seen, reflecting credit on the growers. The pale pink form of Begonia Gloire de Lorraine is said to be gaining in popularity with the growers. Its advantage over its darker sister is not only a question of color, but the fact that the flowers dry on the plants instead of falling. Cyclamens are practically out of the market this season, there being really no plants up to the standard of former years. Otaheite oranges are finer than for many years; the disease which affected this beautiful dwarf fruit tree has seemingly been entirely overcome. While there are other beautiful flowering plants, the above list forms what may be termed the staples. For filling hampers, baskets and the popular birchbark arrangements they are combined with bright-hued foliage plants, such as marantas, dracænas, crotons and Pandanus Veitchii. Great quantities of small ferns are also used.

Thinly Guised.

Thomas Floyd entered the great seed warehouse of Micreer & Drechell and asked for Mr. Micreer. "Can't I wait on you?" the smiling manager asked

THE Florists' Supply House of America

HOLIDAY BASKETS

Make your short-stemmed flowers pay by having an assortment of our choice baskets ready.

Holiday Hampers—Small flowering and foliage plants will bring big money when tastefully combined in our stylish hampers.

Red Immortelles **Waterproof Crepe Paper**

Porta Rican Mats **Ruscus Wreaths**

Everything in Supplies.

Special Notice—A day force and a night force of packers will be kept at work during the Holiday Rush.

H. BAYERSDORFER & CO.

Remember we are at

1129 ARCH ST., PHILADELPHIA

Mention The Review when you write.

We shall have the stock you need

..For Christmas..

IF IT IS TO BE HAD IN THIS MARKET

Wire or Phone—We do the rest

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 CHICAGO

SINNER BROS.

58-60 Wabash Avenue, CHICAGO

BEING located in the Growers' Market, with large supplies from our own greenhouses and the stock of two-score of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders for Christmas.

Wholesale Florists

Mention The Review when you write.

But Thomas was not to be put off. "I have private business with Mr. Micreer himself," he said, and he was straightway shown to the firm's private office. "Mr. Micreer," Thomas began, "my name is Thomas Floyd. I am gardener in charge of Mr. Rosepen's place on Meeting House lane. I ordered some bulbs from you. I asked you to send good bulbs and true (Mr. Floyd always writes these words on his bulb order). You sent me this knife." Here Mr. Floyd exhibited a knife which he had previously assured his friends was worth 5 or maybe 6 cents, no more. Mr. Micreer took in the situation at a glance. With rare tact he led his visitor to a showcase filled with the best knives. "They should not have sent you that child's plaything, Mr. Floyd," he said. "Do me the favor to choose your knife." But Thomas held back; "I did not ask for it, Mr. Micreer," he said. Then the great seedsman picked out a perfect beauty, blades of the best steel, presented it with his compliments and bowed his visitor to the door.

When describing this incident to a select circle of friends Mr. Floyd wound up his story by saying that "Mr. Micreer was a perfect gentleman."

Various Notes.

Albert Woltemate, one of the oldest and best known florists in this city, died of heart failure last Monday morning. A brief account of his life will be found in the obituary column of this issue.

A note on the store of Robert Crawford, Jr., and the greenhouses at Secane will be found on page 345.

Fred Brown, manager for J. J. Habermehl's Sons, at the Bellevue-Stratford recently made up a novel and very beautiful wreath. It was large, about two and a half feet in diameter, formed entirely of well-berried holly, ornamented with cotton blossoms, pure white, from two to three inches in diameter. "Where did he get them?" Oh, I nearly forgot that, from W. E. McKissick, who says he will have 5,000 for Christmas.

At the December meeting of the Germantown Horticultural Society the following officers were elected for 1907: President, the Rev. Francis Heyl; vice-presidents, Charles J. Wister, N. Dubois Miller, E. C. Jellett; secretary and treasurer, George Redles. The society has had a prosperous year.

Wm. F. Feast, of Samuel Feast & Sons, Baltimore, was a visitor in this city recently.

California peppers are becoming popular as a decorative green.

Edward Reid returned last week from six days spent in the south, three among his clientele and the balance with his brother in Virginia.

John Holt, of North Wales, Pa., is shipping fine bouvardia to Eugene Bernheimer.

R. C. Hayden and Wm. J. Muth agree in assuring me that the Philadelphia Cut Flower Co. will have the finest poinsettias coming into this city.

H. Bayersdorfer & Co. received the three United States express cars full of Christmas goods described last week, and immediately dispatched them to all quarters of the country. Mr. Berkowitz

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers** 35 Randolph St. CHICAGO

POINSETTIAS

Good Stock, $4.00 to $5.00 per doz.; Extra Fancy, $6.00 per doz.

Will have a fair supply of BEAUTIES, RICHMOND, LIBERTY, MAID, BRIDE, KILLARNEY, UNCLE JOHN, CHATENAY, and CARNATIONS at Chicago Market Prices.

Mention The Review when you write.

LAST CALL

If you have not already "Covered" yourself on **CUT FLOWERS** (Fancy **Poinsettias** our specialty), **Christmas Bells, Fancy Holly, Evergreen Wreathing, Mistletoe, Boxwood, Etc.,** remember we are headquarters. Inside Chicago Market Quotations.

RUSH ORDERS OUR SPECIALTY.

E. F. WINTERSON CO., 45-47-49 Wabash Avenue, CHICAGO, ILL.

Mention The Review when you write.

says that this is the greatest Christmas the firm has ever experienced.

M. Rice & Co. report the largest Christmas business in their history, keeping them busy from early in the morning until late every night.

Samuel Lilley, the friend of Eugene Weiss, says that the top-notch prices on certain varieties of tea roses are only for blooms that have been hand-picked with kid gloves.

The Henry F. Michell Co. is planning two more improvements to its already splendidly equipped store. The first is to raise the four desks in the center of the store, the second to add deskroom by enlarging the platform occupied by the telephone exchange. Automatic guards on the elevator are a recent improvement.

J. Stern & Co. are experiencing a great holiday rush in their new quarters.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

58. Is there any money in chrysanthemums grown for the Philadelphia wholesale market if shipped about 200 miles? We could grow from 1,000 to 1,500 dozens. Please tell us what we could average for good flowers after expenses were deducted.

Answer.—Chrysanthemums can be safely shipped 200 miles, provided they are carefully packed. The Philadelphia market absorbed all the blooms offered this season at prices that were generally satisfactory, but I cannot express an opinion as to whether or not they would pay you. The average price for fine flowers, taking the season through, was from 10 cents to 12½ cents each. From this must be deducted 15 per cent for commissions and $1.25 per hundred pounds express charges from your shipping station. PHIL.

MONTREAL.

The Market.

Business the last week has been exceptional for this time of year and good stock has found a ready sale. The stores have all been brushing up and getting on their Christmas attire.

The uptown florists were kept busy with funeral work the early part of last week on account of the death of the superintendent of the Montreal street railway. There were more flowers than have been at any other funeral for some time. The number of large pieces was noticeable. The company sent a 4-foot trolley car made of carnations and violets, which was well executed by Miss J. S. Murray and called forth a great deal of comment. McKenna & Son made a broken trolley six feet high and two pyramids with the medal of the Victoria cross on them, placed on a base of bronze galax. This was well done and carried out the idea of his personal friend and member of a party which traveled through Egypt with the deceased. The employees sent numerous pieces, such as large gates ajar, broken columns, pillows, crosses and a deluge of other designs.

Friday brought a good demand for fine stock on account of Lady Allen's ball and the opening of the Mount Royal Club. S. S. Bain had the decorating of the clubhouse, which was carried out on an elaborate scale. The use of large plants of Queen Alexandra daisies and vincas, with the rich color of the walls and draperies, made a handsome effect. Miss Murray had the decorations for Lady Allen's ball. The tables were forty in number and were decorated with Enchantress carnations, orchids and lily of the valley. Miss Murray also had quite a number of dinners preceding the ball. One given at the St. James Club was entirely of violets and lily of the valley.

Various Notes.

Colin Campbell has begun to show holiday specialties. He has quite a large assortment of plant baskets handsomely filled with azaleas, poinsettias, begonias and French maple. On entering the shop one is attracted by a huge cross of honor, of boxwood with a wreath of holly across the arms. This is well executed and presents a striking appearance.

Hall & Robinson are making a special display of Christmas wreaths of red im-

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$12.00
24 to 30-inch stem	"	10.00
20-inch stem	"	8.00
15-inch stem	"	5.00
12-inch stem	"	3.00
Bride, Bridesmaid	per 100,	$8.00 to 15.00
Chatenay	"	8.00 to 15.00
Meteor	"	8.00 to 15.00
Carnations	"	4.00 to 8.00
Valley	"	3.00 to 5.00
Violets	"	1.50 to 3.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

BEST ROSES

If you want something special, try

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

mortelles made and trimmed with boxwood, holly and Christmas greens. Their stock of poinsettias is the finest in the market.

Harris & Hopton have found business increasing so rapidly that they were compelled to add to their facilities for delivering goods. Mr. Hopton is pleased at any time to show his new addition in the way of a fine big horse and sleigh. He now has one of the finest deliveries in the city.

D. J. Sinclair has been working night and day filling orders for Christmas supplies. He is receiving fine violets and Beauties, also exceptionally good chrysanthemums which are bringing $1.75 to $2.50 per dozen and find ready sale. He reports that on account of the dull weather good stock will be scarce for the holidays. W. G.

COLUMBUS, OHIO.

The Market.

Trade has been good if we take into account the weather, which has been bad for anything like a large business. The outlook for Christmas orders is not rosy. Of course there will be a lot of stock disposed of, but the high prices will restrict business somewhat. It is out of the question to try and do a large over-the-counter trade in this city when carnations bring as high as $2 per dozen, and American Beauty roses $12 to $18 per dozen, with everything else in proportion. Christmas greens are in good supply and at about usual prices, trees being especially of nice quality this season. Good weather would help things immensely, but stock in flowers will be too high in price for a great business.

The Florists' Club.

The regular meeting of our club took place December 11, President Stephens in the chair and a goodly number of members present. Walter Butler, with the Fifth Avenue Floral Co., was elected an active member. Vice-president Currie reported that the entry fees received at the recent chrysanthemum show amounted to one-third of the entire expenses—a most satisfactory result. This meeting was notable, as it marked the first of

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Cut Ferns-Galax Leaves

—THE YEAR AROUND—

Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

the prize exhibits, which will be made at every meeting hereafter. Everything exhibited from now until the first meetings in May will be judged on a scale of points, with a maximum for each exhibit of twenty-five points. At the May meeting the members having the largest point totals will be awarded $5, $3 and $2. This method of exhibits and prizes was arranged by M. B. Faxon, seconded by Messrs. Currie and Siebert. At this meeting the Fifth Avenue Floral Co. received twenty points for an especially good Begonia Gloire de Lorraine; Sherman Stephens fifteen points for a Jerusalem cherry and John H. Williams fifteen points for a fine Tarrytown fern. Just as the meeting was about to adjourn Mrs. M. B. Faxon announced that a lunch had been prepared and ample attention was given to this matter. The next regular meeting falling on Christmas day, it was decided to adjourn to the first Tuesday in January, 1907.

Various Notes.

The Fifth Avenue Floral Co. reports one of the busiest weeks this year in funeral work. Their recently added new houses make a total of ten—one of our large plants.

Sherman Stephens has ready for the Christmas sales a fine lot of poinsettias in small pans.

Graff Bros. have a most attractive Christmas window. Simply holly, red immortelle wreaths and bells, but the effect is elegant. This firm is making a specialty of immortelle wreaths, selling them for $2 to $3 each.

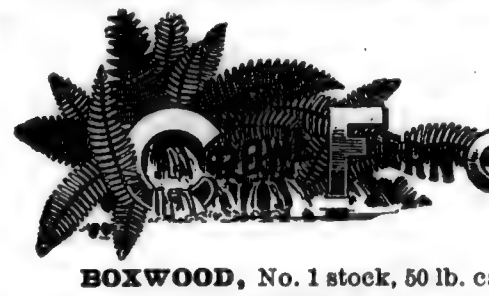
After an illness of four years Elizabeth Cook Stephens, wife of Lorin C. Stephens, foreman at Green cemetery, died December 5.

Visitor: A. F. Longren, of the Chicago Carnation Co., Joliet, Ill.

ZERO.

I WOULD as soon think of getting along without a boiler in my establishment as to miss having the REVIEW. It is the proper thing.—N. H. PADGETT, Unadilla, N. Y.

YPSILANTI, MICH.—Frank A. Morton has grown a large number of fine plants for the holiday trade and has opened a shop in the Quirk block to continue until after Christmas.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c. 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.
Send your orders for Laurel Festooning in now for Xmas, as later we may be unable to fill them.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.00 PER 1000.

ALSO DEALER IN

Christmas Trees, Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

MADISON, N. J.

The Morris County Gardeners' and Florists' Society meeting for December was well attended. It was the occasion of our annual election of officers and we wanted to hear Mr. Totty dilate on the new mums. The election resulted as follows: President, Richard Vince; vice-president, Percy Herbert; secretary, E. Reagan; treasurer, William Duckham; executive committee, A. Herrington, A. McKendry, Thomas Stokes, J. Heeremans, A. R. Kennedy, Ernest E. Wild, C. H. Totty, Alexander Brown, O. Koch, R. M. Schultz, William Muhlmichel, H. Vyse. An unusual amount of good fellowship existed and everybody was satisfied. Three new members were elected, Thomas Wilson, Frank Eskesen and William McKenzie.

GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

Mention The Review when you write.

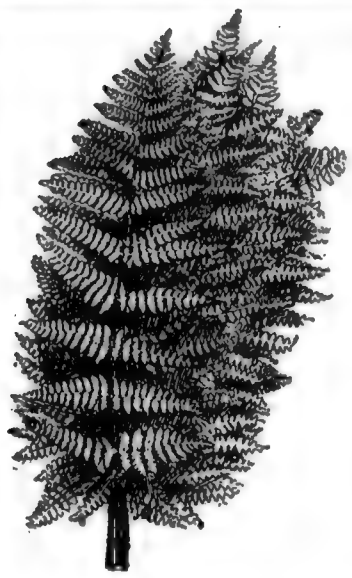
GALAX LEAVES

and Leucothoe Sprays

J. G. LOVEN, MONTEZUMA, N. C.

Mention The Review when you write.

After preparations for the eleventh annual smoker were made Mr. Totty told us of the new chrysanthemums and how they showed up at the exhibitions. In the mind of the speaker, Miss Clay Frick or the white Wm. Duckham was away ahead in whites, and Miriam Hankey stood the same in pinks. The stem, foliage and shipping qualities of these two varieties should make them popular for a long time to come. Mrs. George Hunt, Mrs. Henry Barnes, Kathleen Stoop, Mrs. A. T. Miller, A. H. Lee, Lady Leonard, May Godfrey, were vari-



Headquarters For **Christmas Greens and Florists' Supplies**

HOLLY, best in the market, $5.00 and $6.00 per case.
WILD SMILAX, $4.00 and $7.00 per case.
BOX GREEN, $15.00 per 100 lbs.
HARDY FERNS. Fancy, $1.50 per 1000; Dagger, $1.00 per 1000.
GALAX, New Crop, Green and Bronze, $1.00 per 1000; $7.50 per 10,000.
LAUREL. Wreaths, $2.50 per doz. and upward. Festooning, 5c and 6c per yard.

HENRY M. ROBINSON & CO.
11 and 15 Province Street, and 9 Chapman Place, -- BOSTON, MASS.
Long Distance Telephone MAIN 2618.

Holly! YOU WANT THE BEST
REGULATION SIZE CASES PACKED WITH CARE
CHRISTMAS EVERGREENS, all kinds
FLORISTS' SUPPLIES
Holly!
WELCH BROS., 226 DEVONSHIRE ST., Boston, Mass.
Mention The Review when you write.



Extra fine new crop **FANCY FERNS** $1.50 per 1000.
Discount on large orders
Boxwood, 20c lb.; 50 lbs., $8.50.
GALAX Bronze and Green $1.25 per 1000.
Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.
MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 Broadway, DETROIT, MICH.
Mention The Review when you write.

..Wholesale Galax and Leucothoe..
Direct from the woods to the dealer.
Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy, 70c per 1000.
Special prices on lots of 100,000 and up.
Terms strictly cash, F. O. B. Elk Park, N. C.
F. W. Richards & Co., Banners Elk, N. C.
Mention The Review when you write.



FERNS
Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality, and the
CHRISTMAS TREES
Can't be beat. Write for prices.
ROBERT GROVES, Adams, Mass.
Mention The Review when you write.

Ferns-Galax-Leucothoe
Hardy Fancy Ferns
Per 100.....20c Per 1000 .....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1 00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100 .....50c Per 1000.....$4.50
Boxwood
Per lb..... ....20c Per bunch.....35c
Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00
Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50
C. E. CRITCHELL, Wholesale Commission Florist
36 East Third St., CINCINNATI, OHIO
Mention The Review when you write.

GALAX LEAVES
New crop; fresh from the patch, prices as follows:
Bronze and Green Galax Leaves...$0.50 per 1000
Fancy and Dagger Ferns..... 1.00 per 1000
Green Leucothoe Sprays..... 2 50 per 1000
Bronze " " ..... 5.00 per 1000
Rhododendron Sprays..... 3 00 per 1000
Kalmia or Mountain Laurel..... 3.00 per 1000
Also **Rhododendron Plants** which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.
J. N. PRITCHARD, Elk Park, N. C.
Mention The Review when you write.

BRILLIANT
GALAX AND LEUCOTHOE SPRAYS
Wholesale Trade Solicited
J. L. BANNER & CO., Montezuma, N. C.
Mention The Review when you write.

eties well able to work out their own salvation under fair treatment.

The new single varieties stand high in the speaker's estimation, being artistic, decorative and a relief from the older kinds. The new French varieties came in for consideration. President Loubet, Sergeant Levy and Mme. L. H. Cochet were among those mentioned. Nathan Smith's efforts as a hybridizer and many of his introductions received high praise. The speaker received a hearty vote of thanks after he had answered a number of questions.

William Duckham, A. Herrington, C. H. Totty and R. M. Schultz were chosen a smoker committee.

John E. Haines sent new carnations, Imperial and Pink Imperial, to be exhibited at the meeting. Pink Imperial showed up fine and received a certificate of merit. Imperial suffered in transit and was requested to be shown again.

Our treasurer, William Charlton, has been ill for a long time and the deepest sympathy is felt for him. He has been treasurer eleven years, able, energetic and faithful. He has declined to again be a candidate and it will be hard to fill his place. E. R.

INDIANAPOLIS.

Current Comment.

Business during the last week has been good, stock of all kinds being kept cleaned up. The Christmas supply will depend largely on the weather. So far we have experienced cloudy weather and if it should keep that way the supply will be considerably shorter.

Bert Harritt died suddenly last Thursday morning, December 13, from heart failure. He had only recently returned

from California, where he had resided for the last three years on account of his health.

Last Sunday the interurban line ran an excursion to New Castle, the beauty spot of America. It was well patronized, as all wished to see where the roses come from. The floral interests have certainly brought New Castle before the people as nothing else could.

H. G. Schilling is improving rapidly and will be able to be around again in a few days.

Arrangements are being completed for the annual meeting of the Indiana State Florists' Association January 8, when a large attendance is desired. An exhibition of the new varieties of flowers will be held. Rooms at the Commercial club have been secured for the purpose.

S.

I WANT to thank the REVIEW for the many orders it has brought me.—S. J. MCMICHAEL, Findlay, O.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As private gardener on a good size place, by a good florist and gardener; good grower of roses and carnations. Address Hellesen, 440 Grand Ave., Chicago.

SITUATION WANTED—As working foreman or manager A1 rose and carnation grower and general plantsman; reference. Address No. **156,** care Florists' Review, Chicago.

SITUATION WANTED—By young married man; German; good florist; in wholesale or retail store to learn that end of the business; vicinity of Philadelphia preferred; good reference. Leonard Marshall, 4864 Lancaster Ave., Philadelphia, Pa.

SITUATION WANTED—As foreman or manager, by a practical grower of roses, carnations, mums, etc.; capable of taking entire charge of a large plant and having the work done in a practical way; single; aged 46; O. K. reference. Florist, 284 E. Ohio St., Chicago.

SITUATION WANTED—By young German man; good grower of cut flowers; worked on private place; now wishes position on commercial place where chance is given to learn decorating or design work; best of reference; wages, to start, no object; state of Pennsylvania. Fred Marshall, Merion, Pa.

SITUATION WANTED—By good all-round, reliable florist; single; German; 22 years' experience; good in carnations and roses; good worker and manager; fully competent to take charge; retail place in good running order and central states preferred. Address Florist, 545 Liberty Ave., Pittsburg, Pa.

SITUATION WANTED—As working foreman of a section in a small or large commercial or private place, by sober, steady man, not afraid of work; 26 years' practical experience; good grower of cut flowers, every pot plant, vegetables; landscape gardening experience; German; aged 40; married; best of reference; please state particulars in first letter. Address E. G., 51 Second St., Bristol, Tenn.

WANTED—Man for general stock. Address No. **149,** care Florists' Review, Chicago.

WANTED—Market gardener: state experience, wages wanted and when free. Phillips Bros., West Chester, Ohio.

WANTED—Two gardeners for private places; must be all-round men; state reference. Klehm's Nurseries, Arlington Heights, Ill.

WANTED—A one-horse florists' delivery wagon with top; must be in good shape. If you have one for sale address Hazelwood Greenhouses, Grinnell, Iowa.

WANTED—An up-to-date grower; single man; to take charge 18,000 feet glass; must be able to grow palms, ferns, carnations and bedding stock; must be a good propagator; do not answer unless you can fill the requirements. R. F. Gloede, Evanston, Ill.

WANTED—Two good salesmen in the wholesale cut flower business, in Philadelphia; none but men of good habits and those willing to put forth their best efforts need apply; good salary to men who can show their ability. W. E. McKissick, 1221 Filbert St., Philadelphia.

WANTED—Steady, sober man; must be good grower of carnations; $30 a month with board. Address No. **162,** care Florists' Review, Chicago.

WANTED—Experienced man for retail florist store; must know how to make up funeral work and wait on store; age 25 to 35. Chas. H. Fox, 21st and Columbia Ave., Philadelphia, Pa.

WANTED TO RENT—Greenhouse establishment; about 12,000 square feet glass; near Philadelphia, Pa.; must be in good repair; take place in spring. Address Emil Wohlert, Florist, Bala, Pa.

WANTED—At once, assistant gardener: experienced, single and sober greenhouse man; must be thoroughly reliable and understand his business; $25.00 per month, board and room. Address with references, William Reupke, Winterthur, Del.

WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shubbery and two houses 17x50, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. **154,** care Florists' Review, Chicago.

WANTED—Foreman for commercial place where roses, carnations and a general stock is grown; have about 75,000 feet of glass in central state; give salary and full particulars in first letter. Address No. **157,** care Florists' Review, Chicago.

WANTED—General greenhouse man to take charge of a department; force bulbs, azaleas, grow ferns and a general line of pot plants for retail trade; man between 30 and 40 preferred; must be sober; steady position; wages $12.00 per week. Iowa Seed Co. Greenhouse, 30th St. and Kingman Blvd., Des Moines, Ia.

WANTED—Gardener who thoroughly understands starting cantaloupe and cucumber plants in pots in cold frames and the growing of all kinds of vegetable plants in frames and outside; also capable of looking after private grounds; no greenhouse; answer at once giving experience and salary expected. W. F. Allen, Salisbury, Md.

FOR RENT—Two greenhouses, new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month; price $650.00. A good retail place. Address No. **141,** care Florists' Review, Chicago.

FOR RENT—Four greenhouses 125 feet long, 28 feet wide; water heat; $20.00 a month; 7 lots for hotbeds; lease good for 5 years; greenhouse stock, callas, carnations, Boston ferns, geraniums, 12,000 other stock mixed; stock to be sold cheap; lowest price; sickness is reason for selling. Address No. **158,** care Florists' Review, Chicago.

FOR SALE—4000 ft. of glass; thriving town of 4000; 24 express trains daily; no competition; 50 miles from large greenhouse; new; bargain; investigate immediately. Address No. **160,** care Florists' Review, Chicago.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,000 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—Four greenhouses, 7-room brick cottage and barn, all in good condition, and well-stocked with carnations and pot plants; or will consider a good partner. Address J. Riemersma, 7111 Indiana Ave., Chicago, Ill.

FOR SALE—Retail plant of 5500 feet of glass in a fine location and in first-class condition with plenty of stock; price $5500.00; $1000.00 cash, balance easy terms; grand bargain; look into it. C. J. Pult, 385 Ellicott St., Buffalo, N. Y.

FOR SALE—A bargain; $4000 00 will buy a greenhouse plant of about 30,000 square feet of glass; well stocked; steam heated; good retail trade, cheap fuel; possession given immediately. Joseph E. Bonsall, Salem, Ohio.

FOR SALE—Wholesale greenhouse plant, steam heat, well stocked with roses and carnations; also modern two-story dwelling, all in first-class condition; will sell very reasonable. For particulars address No. **159,** care Florists' Review, Chicago.

FOR SALE—All the glass 10x12 d. s. a., on five houses, each 20x115 feet, for $500.00 as it stands; will include sashbars and doors. Also 2 Kroeschell hot water boilers, one 20 horsepower steam boiler, used 3 months; dirt cheap. Brant & Noe Floral Co., W. Peterson and N. 48th Aves., Chicago, Ill.

FOR SALE—Old-established retail florist and landscape gardening business on Long Island, in one of the most restricted parts near the seashore; consisting of 6 small greenhouses, well stocked, all implements and machinery; a good opportunity, for the small amount of $6500 cash. Address No. **161,** care Florists' Review, Chicago.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

WANTED

We want a traveling man who knows the florists' supply line thoroughly.

Must know the trade of the middle west, particularly the undertaking trade.

Address with references and wages,

No. 143, care Florists' Review, Chicago.

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**

51 Erie Street, Chicago

WANTED

Salesmen visiting florists to carry an attractive and quick selling side line, extensively advertised, on liberal commission. Address **No. 137,** care Florists' Review, Chicago.

FOR SALE!

Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. **163,** care Florists' Review, Chicago.

FOR SALE

200 second-hand iron sash bars in good condition, drilled for glazing, 6 feet 9 inches long, and 200 bars 3 feet 8 inches long. The lot for $25.00.

1 small Haxton boiler in good shape all but front door, $35.00.

Boston Ferns cheap, see classified adv.

F. W. Heckenkamp, Jr., Quincy, Ill.

Mention The Review when you write.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist Will sell at a sacrifice.

CHAS. MILLANG,

50 West 29th Street, NEW YORK CITY.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses; 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For Terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 135, care Florists' Review, Chicago.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Dec. 19.—Cucumbers, $1 to $1.25 doz.; leaf lettuce, 35c to 40c case; spinach, 50c to 65c box.

NEW YORK, Dec. 18.—Cucumbers in free supply and dragging. Lettuce continues very weak. Mushrooms moving rather slowly, with prices favoring buyers. Mint scarce and firm. Parsley dull. Radishes steady. Tomatoes firm. Cucumbers, $1.10 to $1.25 doz.; No. 2, 75c to $1; culls, $2 to $4 box; lettuce, 75c to $1.50 per three dozen strap; mushrooms, 40c to 85c lb.; mint, 75c per doz. bunches; radishes, $1.50 to $2.50 per 100 bunches; spinach, 15c to 20c per doz. bunches; tomatoes, 15c to 30c lb.

BOSTON, Dec. 17.—Cucumbers, $2 to $12 box; mushrooms, 50c to 80c lb.; lettuce, 25c to 50c doz.; romain, 75c doz.; parsley, $1.25 to $1.50 bu.; radishes, $1.50 to $2.25 box; tomatoes, 25c lb.; mint, 40c to 50c doz. bunches; asparagus, $3 to $4 doz. bunches.

CUCUMBERS.

We are now in the midst of the most critical period of the year in the growing of this crop and a period in which it pays to give the most careful attention to details. To keep the plants and foliage as strong as possible, and avoid cold draughts, which result in attacks of mildew, airing must be done with the utmost care.

This is a season in which no hard and fast rules in the matter of temperature can be adhered to. It is better to admit air to sweeten the atmosphere and strengthen the plants even if the temperature runs below the desired figure, rather than keep a higher temperature and a close, stuffy atmosphere, which would cause soft growth and thin foliage, thus leaving the plants easy subjects for the attacks of both insect enemies and fungous diseases. Growth at a lower temperature will naturally be slower, but the growth made will be so much better and stronger that future results will more than repay for the little time lost.

Airing, during the winter season especially, is one of the most important particular point in the cultivation of all plants grown or forced under glass and it should be in the hands of a careful, painstaking person, who has thoroughly studied the matter and who knows just how much can safely be given, when to put it on and take it off, according to conditions. In what is known as catchy weather, with cold air and unsteady sunshine, a good deal of time has to be spent if proper attention to this matter is given, but when the work is in the hands of the proper person it is time well spent. We too often see the airing of houses left in the hands of boys, as their time is less valuable, but it is a near-sighted policy, as it saves both trouble and loss if the right man is in the right place. W. S. CROYDON.

SOWING SEEDS.

We would like to ask Mr. Croydon through REVIEW columns how soon we should sow tomato seed so that we could have plants large enough to transplant into lettuce beds in March. We would like to pick our first tomatoes early in June. Also, what time to sow cucumbers for indoor spring crop, and whether they will grow with the tomatoes? When shall we sow seed of cabbage, tomato and cauliflower for early plant trade?

M. & S.

To have strong plants in 5-inch pots to plant out in your bench you should allow eight weeks from time of sowing. If you prefer planting smaller plants, less time will be necessary, but the former is a good size to use and for all the little extra space they occupy, and the small amount of extra labor entailed, it pays to grow them on to this size before setting out, as they will give quicker returns and you ought to be easily able to pick your first tomatoes early in June.

As cucumbers are better planted small, four to five weeks is all that need be allowed from the time of sowing until they will be ready to set out. The best time to set them out will depend a good deal on your command of heat. You could plant out either at the beginning or end of March, according to your circumstances. Cucumbers and tomatoes could be grown together, but as the former needs about 5 degrees higher temperature and a more moist atmosphere, it is much more satisfactory to grow them in separate houses.

Cabbage and cauliflower seeds should be sown about the middle of January and grown on rather cool to give plants for setting out from the middle to the end of April. As tomatoes cannot safely be set out for a month later than this, besides making a quicker growth, about the first part of March is time enough to sow the seeds to procure plants of a nice selling size. W. S. CROYDON.

CYANIDE FUMIGATION.

December 4 I fumigated our greenhouse with hydrocyanic acid gas. The house is a lean-to situated on a hillside and is 48x125 and of an average height of nearly eight feet. My calculations are that the cubical contents are 46,625 feet. I used three jars with sulphuric acid and twelve and a half ounces each of cyanide of potassium as sold by Roessler & Hasslacher for use in cyanide mills for dissolving gold. This dose was put in at 6 p. m. The house was opened next morning, when all the gas was gone out of the house. The aphis on the lettuce and red spider on carnations were unharmed. Some lettuce plants that had been set out the day before were knocked down and wilted. Since then the edges of three-fourths of the lettuce leaves have been turning black and gray, and on the plants where these leaves are affected the aphis is unaffected. The house was not watered on the day the cyanide was used. The carnations were not injured. A. D. W.

It appears to me that the trouble must have been with the chemicals used, for that amount of cyanide certainly ought to have killed all insect life.

To destroy aphis on lettuce in a house of the dimensions given by you I would not use more than fifteen ounces of cyanide altogether, using three jars with one quart of sulphuric acid, one quart water and five ounces of cyanide in each. I have used it stronger than this without injury to the plants; but with a good, tight house I find that this strength gives satisfactory results.

We procure our cyanide and acid at the local drug store. I am sorry I can not give you the analysis of strength, but it might pay you to look into this matter and find out how the article used by you compares with the best grades sold by first-class drug stores.

W. S. CROYDON.

FORCING RHUBARB

Under the greenhouse bench or in any old cellar or mushroom house, is entirely practical and an easy proposition.

Send for my Special Florists' Circular on RHUBARB FORCING

It gives ample directions for successful culture.

I have a good supply of large **Undivided Clumps.** Price, $2.00 per doz.; 25 for $3.75; $12.00 per 100; $100.00 per 1000. (500 at 1000 rate.)

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

Vegetable Plants

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

TOMATOES Lorillard and Mayflower, 40c per doz.; $2.00 per 100.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

J. J. Tilley Co.

SEATTLE, WASH.

Growers Of

PUGET SOUND

CABBAGE SEED

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Seed Growers for the Trade

BEANS, CUCUMBER, TOMATO,
Radish, Peas, Muskmelon,
Squash, Watermelon, Sweet Corn.

CORRESPONDENCE SOLICITED.

Write for prices on Surplus Stocks for Immediate Shipment.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 26th annual meeting will be held at New York City, June, 1907.

THE A. A. Berry Seed Co., Clarinda, Ia., operates its own printing plant.

THE Gobin-Ebbert Seed Co., Rocky Ford, Colo., issued its 1907 catalogue December 5.

IT is reported that orders already are being booked for Dutch bulbs for delivery next August.

A. R. CATLIN'S seed store, Jamestown, N. Y., was burned out December 11; loss $1,000, insurance $800.

THE canners' convention will be held at Buffalo February 12 to 15. All the big growers of peas and other canners' specialties will be represented.

W. S. MAULL, receiver for L. K. Peacock, Inc., Atco, N. J., December 15 paid to creditors a first and final dividend of slightly over fifty-two per cent.

W. W. JOHNSON & Co., Boston, England, comment on the fact that "travelers seem to become year by year less of a necessity" in the wholesale seed business.

VISITED COLUMBUS: Mr. Guelph, of the Jerome B. Rice Seed Co., Cambridge, N. Y., who reports Southport White Globe onion and Alaska peas as exhausted stocks.

C. A. MCFARLAND, of Bowling Green, Ky., for several years with Hill & McElroy, has given up his place there to accept a position with the DeForu Mfg. Co., of Nashville, Tenn.

IT is reported that the tomato packers in Maryland are planning not to contract for raw stock at the present high prices asked by the farmers, which intention, if carried out, will considerably reduce the acreage and the demand for seed.

LEONARD SEED CO.

Leading Onion Set Growers

FLOWER SEEDS

SEED GROWERS

Largest growers of Peas, Beans and Garden Seed in the Central West.

Write for Prices.

CHICAGO

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

A. J. PIETERS SEED COMPANY

HOLLISTER, CAL.

Grower of

Vegetable and Flower Seeds

Special attention paid to SELECTED STOCKS::::

A. J. PIETERS, President and Manager, will visit the trade December—January.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety.

Maine seed potatoes, onion sets, etc.
Correspondence solicited.

Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.

L. R. ERSKINE, of Highmore, S. D., has removed to Mitchell to take up the work of organizing the establishment of the newly formed Dakota Improved Seed Co., of which he is president.

THE seedsmen in southern California are happy since the recent rains, as they all have their hands full. The season is one month early this year. All report a fine outlook and hopes for a long season.

THE first general seed catalogue of 1907 to arrive is that of the Barteldes Seed Co., Denver, which put in an appearance December 17. It has the Globe varieties of onion priced at $2.50 per pound.

R. A. REEVES, of the Missouri Seed Co., Kansas City, has been on a tour of the alfalfa growing districts in Kansas. He found plenty of seed in the hands of the farmers, but they do not need the money badly enough to sell at present prices.

C. C. Morse & Co.

SEED GROWERS, now located at

171-173 Clay Street,
San Francisco, Cal.

Growers of the following specialties for the trade:

Carrot, Celery, Endive,
Leek, Mustard, Parsnip,
Parsley, Radish, Spinach,
Salsify, Tomato, Cucumber,

Onion, Lettuce

Flower Seeds, especially

SWEET PEAS

Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to

171-173 Clay St., San Francisco

Mention The Review when you write.

CURRENT wholesale quotations on the scarce varieties of onion seed do not make the crop look as short, as it immediately appears to the man who goes out to pick up a good bunch of seed at these prices.

MORRIS & SNOW will open a seed store January 1 at 555 S. Main street, Los Angeles, Cal. They will make a specialty of flower, tree, plant and vegetable seeds, also florists' supplies, plants and bulbs. The firm is composed of O. M. Morris and M. C. Snow.

A EUROPEAN trade paper says that in Benary's Butterfly runner bean we have a beautiful new plant, both for the kitchen and pleasure garden, which will certainly soon come into general cultivation and enjoy universal favor. The vine is extremely floriferous, its leaves,

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877
By Appointment to H. M. the King of Italy

——HEADQUARTERS FOR——

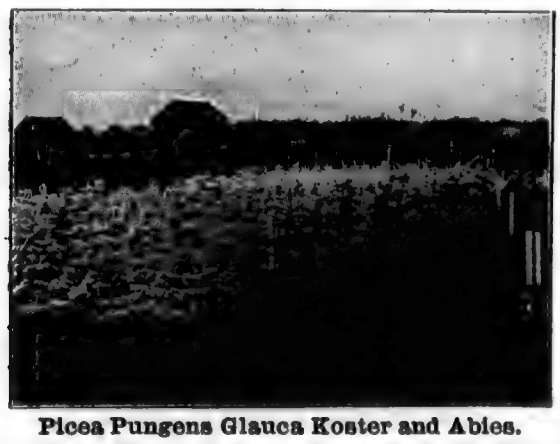
Cauliflower and Tripoli Onion Seed (Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

Ask for Our Wholesale Catalogue.

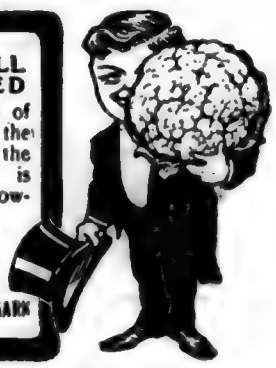
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Picea Pungens Glauca Koster and Abies.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.

Mention The Review when you write.



WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK

Mention The Review when you write.

of somewhat lighter green than other runners, almost disappearing beneath the clusters of charming flowers which gracefully rise and fall like butterflies in the passing breeze. The seed also is distinct, being mottled brown on white ground.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 14 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Anise	59	$ 551	Hemp ...	600	$ 3,003
Cardamom.	47	1,529	Lycop'm .	11	1,084
Celery ...	50	744	Millet ...	136	360
Clover ...1,570		38,252	Mustard .1,580		14,270
Coriander..	40	151	Poppy ...	100	791
Cummin .	35	259	Rape	19	60
Fennel ...	20	300	Sugar beet		24,621
Grass	212	5,361	Other		4,798

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $20,244.

THE FREE SEEDS FIGHT.

The house committee on agriculture devoted two days of last week to hearing the seedsmen's case against the congressional seed distribution. As was stated in a telegram from Washington published last week, the following seedsmen were present: Henry W. Wood, Richmond, Va., president of the American Seed Trade Association; W. Atlee Burpee, William Henry Maule and Walter P. Stokes, of Philadelphia; Alexander Forbes and Patrick O'Mara, of Peter Henderson & Co., New York; Henry B. Hathaway, Rochester; C. F. Wood, Louisville, Ky.; F. W. Bolgiano and other Washington and Baltimore seedsmen. This committee was given close attention and it is probable that the agricultural appropriation bill will again fail to provide for the seed distribution. Whether or not the paragraph will be inserted by amendment on the floor, as it was last year, cannot be foretold, but the seedsmen present in Washington last week feel that much progress has been made.

EUROPEAN SEED NOTES.

Two novelties of value in garden peas are being offered for the first time by Bell & Bieberstedt, Leith, Scotland, called The Bell and The Scotsman. The former is said to be the heaviest cropping pea for main crop in cultivation. The pods are always in pairs and of exceptional size, containing a dozen peas in each. The haulm is strong and dark green. The latter variety is a similar pea, but experts say The Bell is the better flavor. Each is distinct from the other and it is claimed each is a great advance on any variety at present in commerce.

Storrie & Storrie, of Dundee, Scotland, are this year offering to the trade a novelty in their new Excelsior strain of Iceland poppies. In this strain there are about thirty distinct colors and the

Conrad Appel, Darmstadt, Germany
—Established 1789—

Forest and Agricultural Seed Establishment

Specialties: GRASS, CLOVER and AGRICULTURAL FOREST TREE SEEDS of Highest Possible Purity and Growth.
GRASS SEED MIXTURES FOR LAWNS, MEADOWS AND PASTURES
Many Highest Awards and Diplomas.
Last Award: Grand Prize International Exhibition, Milan, 1906.

Mention The Review when you write.

Established 1680. Cable address, Jacrolland Nimes
A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE
GHENT, Belgium.

Mention The Review when you write.

CAULIFLOWER CABBAGE SEED

HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN
Mention The Review when you write.

Choice Flower Seeds

The very finest strains of Primula Sinensis, Herbaceous Calceolaria, etc., are grown and offered for sale by

H. B. MAY & SONS
UPPER EDMONTON, LONDON, ENGLAND
Price List on application.
Mention The Review when you write.

FOR DELIVERY IN FALL AND SPRING

ENGLISH MANETTI Stocks for Florists
Holland Roses, Rhododendrons, Hollies, Etc.
LILY OF THE VALLEY for Early and Late Forcing
French Fruit and Ornamental Stocks
Raffia from Stock and for Import

For catalogues, prices, etc., please apply to

H. Frank Darrow, Importer
Successor to Aug. Rhotert
26 Barclay St., P. O. Box 1250, New York
Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872
Managing Director, A. M. C. VAN DER ELST
Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.

OUR SPECIALTIES

High-Grade Grass Seeds

ALFALFA

Warranted free from dodder or any adulterations. Please write for prices and samples.

A. LE COQ & CO.

Darmstadt, Germany

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Vick's Aster Seed

THE BEST IN THE WORLD

FINE NEW VARIETIES FOR 1907

Did you see our adv. in Christmas Number of the Florists' Review? Look it up. It is worth reading.

JAMES VICK'S SONS
ROCHESTER, N. Y.

THE LEADING SPECIALISTS AND LARGEST GROWERS OF HIGH-GRADE ASTERS IN THE WORLD.

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shadings are said to be particularly pleasing. Some have a big blotch of a distinct color at the base of each petal, a feature hitherto unknown in Iceland poppies and a decided break in a new and desirable direction.

In cauliflowers, the crops in France are fairly good and the quality average. The like may be said of Danish productions. But because of the shortage of Italian varieties and other cultures there has been a heavy demand for all stocks, so that prices are rapidly on the rise and likely to stop only at a high figure. J. B.

PEA CROPS IN ENGLAND.

The crops of seed peas in England are fine this season. Not for many years has there been anything like the quantity per acre harvested. The quality has not for many years been of such high standard nor of such a uniform nature. Some samples I have seen of the garden varieties of the wrinkled Marrowfat class required hardly any hand picking, but coming straight from the threshing and cleaning almost in a suitable condition for retailing. Of course with this condition of things prices are low and likely to go still lower. This season would be an excellent opportunity for some American and Canadian trade growers to replenish their strains of standard sorts from reliable English stocks. Both quality and price will scarcely ever be more favorable than during the present season. Given a favorable weather condition, and it is a well-known fact that British grown seed peas, especially of the large wrinkled garden varieties, can compete with peas grown in any other part of the world.

It has been the custom for many years, in market gardens and the like, to grow peas, where they are intended for pulling green, with the aid of sticks or wire, so that the haulm is kept off the ground, but it is seldom this method is practiced in growing for seed, probably the idea being that the method would prove too costly. Where quantity handled is the first consideration, it would be impracticable, but where quality only is considered this method, for seed saving purposes, has much to commend it.

The results of some experiments which came under my notice the other day at the establishment of one of our leading seedsmen, amply proved the statement. A given number of seeds were grown under the ordinary method of seed culture and a like number by the aid of pea sticks some four feet high, with the result that the latter method yielded three-fourths more seed. The waste during the process of hand picking was less and the grain averaged

Sow Now

Seeds of the following flowers to insure perfect plants for Spring sales; we offer a few of the most important varieties only.

PHLOX DRUMMONDII

The large flowering types, are a specialty with us; the imperfect flowering and small varieties are carefully avoided.

Dwarf Choicest Mixed, ½-trade pkt., 25c; trade pkt., 40c; oz., $1.25.

Grandiflora, Choicest Mixed, trade pkt., 20c; oz., 50c. (Also all other sorts.)

SALVIA, (Scarlet Sage)

Freshness is the important part of Salvia seed, ours is not only fresh, but selected from the choicest long flower heads.

Bonfire, (Clara Bedman). ½-trade pkt., 2 c; trade pkt., 40c; oz., $2 50.

Ball of Fire, (New dwarf). ½-trade pkt., 30c; trade pkt., 50c; oz., $3.00.

Splendens, trade pkt., 25c; oz., $1.25. (Also all other sorts.)

VERBENA

(Michell's Mammoth Fancy)

The choicest strain in cultivation today, may be had in all the various separate colors.

Mammoth Fancy Mixed, trade pkt., 30c; per oz., $1.50.

VINCA, (Mammoth Strain)

Pure White, Pink, White with Pink Eye, any of the above, 20c per trade pkt.; per oz., 60c.

Mixed, All Colors, 15c per trade pkt.; per oz., 50c.

Write today for our special combination flower seed list and order sheet, for florists.

HENRY F. MICHELL CO.
1018 Market St., Philadelphia, Pa.

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GLADIOLI

Augusta, May, E. Scribe, Mme. Monneret, Fire King, Oriflamme, Pactole, "1900," Marie Lemoine, Klondike. Assorted colors—Red, pink, yellow, white and light, variegated, blue and purple. Silver Trophy, 8 sections. Lemoine Hyb., Groff Hyb., choice mixture. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

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Augusta Gladiolus

First size, 1⅛ and up.....$12.00 per 1000
Second size, 1¼-1⅛..... 8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.

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quite one-fourth larger and heavier. Perhaps most important of all in the stick grown samples was a total absence of small grains. This was no doubt due to the fact that every grain in the pod fully ripened and matured, even the grains at the extreme end of the pod. These improved qualities were no doubt due to the fact that the growths obtained the fullest benefit of light and air and through being supported were not injured by excessive rains. As an aid in selecting and improving a strain it is invaluable, as the cultivator is able at a glance to detect and take out any undesirable growths and impurities in the stock. J. B.

THE NEW RUSSIAN CLOVER.

The opinion has hitherto prevailed that the use of red clover seed from European sources would prove unsatisfactory and unprofitable in this country, both from a

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.

Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.

Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.

Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr. pkts., $2.50; tr. pkt., 50c.

Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.

Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.

Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.

Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.

Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.

Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.

Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.

Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz. $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large-flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, 1000 seeds, 50c.

Alyssum Compactum. The most dwarf and compact variety grown: perfect little balls when grown in pots, 1000 seeds, 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Salvia Bonfire. Finest variety grown, 1000 seeds, 40c.

Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ⅛ pkt., 50c.

PRIMROSES

IMPROVED CHINESE. Finest grown, mixed, XXX, strong, 2-inch, $1.50 per 100.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

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Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

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hay and seed-producng standpoint. This conclusion no doubt applies correctly to the majority of European varieties of red clover, particularly those from Italy, France, and some parts of Germany, which appear to be altogether unsuited to the soil and climatic condtions of the clover-growng area of the United States, says a bulletin of the U. S. Department of Agriculture.

The term "European clover seed" as used in the United States is a very loose one, applied indiscriminately to all seed imported into this country from European ports. It includes not only seed grown in Europe, but also seed from South America, Canada, and the United States itself, the seed having been exported in

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

Just arrived and are, as usual, the finest imported into this market **no matter under what name.**

SPIRAEA

Japonica, extra strong clumps.	$3.50 per 100
Astilboides Floribunda	4.00 per 100
Compacta Multiflora	4.00 per 100
Gladstone	6.50 per 100

LILIUM LONGIFLORUM

	Per 1000	Per 100
6 to 8 inches	$27.00	$3.00
7 to 9 inches	45.00	5.00
Multiflorum, 6 to 8 inches	28.00	3.00
" 7 to 9 inches	50.00	5.50

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

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We made this halftone from a

WASH DRAWING

one of many we are turning out for 1907

Seed Catalogues

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CUTS FOR SEEDSMEN.

All processes. Quick work if necessary. Satisfaction guaranteed.

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years when the crop was large and prices consequently low, only to be shipped back again to this country in years when the balance of supply and demand had shifted in the opposite directon. Inasmuch as red clover is grown to a large extent in almost all the countries of Europe and quite careful distinctions are made there between seed from a number of sources, the general designation of "European clover seed" hitherto used in this country appears altogether unwarranted and misleading. The same erroneous classification of American red clover seed is current in Europe, no distinction being made whether from New York, Tennessee, or Oregon.

One of the most frequent complaints made by European growers against American clover seed is on account of the dustiness of the hay produced from this seed. This dustiness is due almost wholly to the hairiness of the plant. There is a great difference in this respect between the hairy domestic and smooth foreign types. A smooth one is the promising Russian clover from the government of Orel. This difference in hairiness is accompanied by other distinctions, the most important of which from an economic standpoint is the much greater succulence of the smooth plants and the consequently finer quality of the hay, the loss due to coarse, woody, uneatable stems being reduced to almost nothing.

The hairless Orel clover matures practically two weeks later than the domestic strains of medium red clover. This factor is of special importance in sections where corn is the chief crop. There is one drawback in the lateness of maturing of the Orel strain of clover, namely, that it militates against the production of a heavy second crop. However, in southern Indiana, in a typical part of the clover section, the Kief and Orel strains gave in the order mentioned the best yields of seed after recleaning. The heavy yield of the first cutting of the hairless clover should prove indirectly advantageous in wheat-growing sections, especially in the winter-wheat belt, when it is desired to hasten the rotation back to wheat, as the increased product from this cutting would, where feed production was not a paramount necessity, in a measure justify the immediate or early plowing up of the field preparatory to reseeding to wheat.

In addition to the advantage of the smooth clover already mentioned—its exceptionally large yielding power for the first crop—the fine quality and dustlessness of its hay also command attention. In reference to its yielding qualities, in a number of different states it has outyielded from a few hundred pounds to almost two tons all of the domestic strains that have been under test.

SOW NOW JOHNSON'S NEW CROP READY

Giant-Flowering Verbena Seed

Florists and Professional Gardeners pronounce our strain of Giant-Flowering **VERBENAS** the **finest** on the market, the **extraordinary size** of the flowers, the rich brilliant colors, and the distinctive markings recommend this **superior strain** to the most critical growers.

We offer **SEPARATE COLORS** as follows: Mammoth White, Scarlet, Pink, Purple, Yellow, and Striped. **Large Trade Packet, (1000 seeds) 25c; 5000 seeds, $1.00; per oz., $1.25.**

Giant Brilliant mixed. **Large Trade Packet, (1000 seeds) 20c; 5000 seeds, 75c.; per oz., $1.00.**

Send for our **SURPLUS BULB LIST.** Prices will interest you.

Johnson Seed Co., **217 Market Street, PHILADELPHIA, PA.**

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

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RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white	1-32 oz, 75c
Faust, most exquisite pink	1-32 oz, 75c
Valentine, delicate lavender	1-32 oz., 75c
Mephistopheles, fiery red	1-32 oz., 75c
All varieties mixed	1-32 oz., 75c

W. W. RAWSON & CO. Arlington Tested SEEDS. BOSTON, MASS.

W. W. RAWSON & CO. **5 UNION STREET, BOSTON, MASS.**

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Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

New Crop Flower Seeds Just Arrived

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Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.

Rose Growers **WEST GROVE, PA.**

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Wm. P. Craig

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Plants, Bulbs and Seeds

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DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. ATCO, N. J.

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BULBS IN CHANNEL ISLANDS.

There has been of late years a growing disposition on the part of British bulb growers to discredit Channel Island bulbs because they are smaller than the Dutch and Fen District bulbs. The Islanders are now remedying this defect (according to English ideas) by sending

certain varieties of bulbs, particularly Telemonius plenus and that class, to Holland to be "blown out." There is no gainsaying the fact that such treatment tends to a quicker sale; but as a flower-producing medium the bulbs are certainly less reliable than the smaller but more solid ones. English growers may take it as a reliable fact, that size for size, the Jersey and Guernsey bulbs are heavier than the Dutch; and they are distinctly healthier and have the reputation of being more floriferous. The Dutch bulb merchants know this. The past season witnessed the heaviest sales to the Dutchmen yet known. We have bought largely from them; but much cheaper than they purchased from our growers.

It is certain, too, that the Islanders are becoming more enamored of certain varieties, double whites, Golden Spurs, and the better Ornatus and Emperor types. The best forcing varieties are being sought after. The heavily scented and weighty kinds, such as Grand Monarque, Soliel d'Or, etc., are steadily declining in favor. Indeed, the situation may be summed up by saying that the Channel Island growers are forcing heavily to come in before the Scilly Isles, and planting outside only the best and most popular sorts. Bazelman minor is clearly gaining in public favor. There is, too, a sharp inquiry for the rarer and most beautiful "glads" and the bulbs of the Nerine Sarniensis (the beautiful Guernsey lily) are being bought up by the nurserymen.—Horticultural Trade Journal.

THE EUROPEAN VALLEY TRADE.

The German exporters of lily of the valley are about finishing their season of fresh crowns for this year. It must be considered one of the most successful the German export trade has ever had, at least for the largest and best class firms.

As regards the increased price of retarded crowns of finest quality for 1907 delivery, the old price of 30 or 32 shillings is not sufficient to properly retard a really first-class retarding sample, with the result that many of the smaller and less particular firms used for cold storage any samples they could get hold of, providing they could be bought cheap.

In my experience I think I am not wrong in saying there are quite a dozen or more distinct types of valley samples, and not more than two or three are suitable for cold storage, and yet nine out of ten growers in England, if asked the question, would tell you there were only two types, the Berlin and Hamburg, and both if strong enough would successfully cold store. This idea is totally wrong. It requires an expert to pick a proper sample out of the many types and it requires a big capital to buy them in quantity as the retarding samples are usually the finest and most expensive strains and the most carefully and expensively grown.

It is noticeable how difficult it is now to get the special samples for very special quality spikes that growers readily obtained from Germany years ago. This is due in a great measure to most of the best pips being previously packed out for American growers, they paying a very high price for them, and English buyers have to be content with the ordinary first quality. This regrettable state of things will not be remedied until the Englishman consents to pay the higher price now paid by America without so much grumbling and dissatisfaction usually experienced when asking an advance in price in England. The American buyer does not kick at a high price if the quality is up to the price, but rather offers to pay an even higher price if the quality can also be raised equal to the price.—Horticultural Trade Journal.

HIGH-GRADE VALLEY

EARLY GIANT FORCING

The finest Valley on the market. Every pip bears a long, strong stalk with twelve to sixteen large bells. Per 100, $1.50; per 1000, $14.00; per case of 2,500, $34.50.

CURRIE BROS. CO. 312 Broadway, **Milwaukee, Wis.**

THE FINEST VALLEY

Western Headquarters for Early Forcing Pips

$14.00 per 1000; $1.50 per 100. Now ready. This is the very best stock for early forcing and will do splendidly for the holidays. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.

Fancy Cut Valley for Christmas.

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

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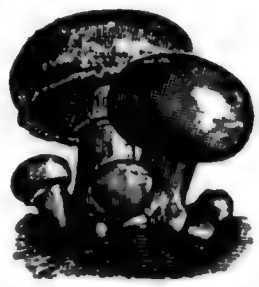
ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, **BERLIN, N. Y.**

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer and yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

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Lambert's Pure Culture
Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on "Mushroom Culture" mailed free on application.
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PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.
Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

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MUSHROOM SPAWN

Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.

Pure Culture Spawn Co.
609 W. Fourth St. CINCINNATI, O.
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PROVIDENCE.

The Market.

Business along all lines is satisfactory and the market has been unsually active since the last week of November. Good prices and a thorough cleaning out of stock from day to day has been the rule. A week of extremely severe weather prevailed the first week in December and heavy firing was necessary to keep stock growing when the mercury out of doors ranged from zero to 10 degrees below. It was the worst period of cold that has struck New England in December in many years. This market is well supplied with the common grades of roses, but extra fancy stock is not abundant. Bride and Bridesmaid are bringing from $2 to $4 per hundred for ordinary stock; fancies average from $6 to $8 per hundred.

FLOWER BOXES



IDEAL GRADE WATERPROOF MANILA
ELITE GRADE WATERPROOF WHITE
IVY GRADE WATERPROOF GREEN



VIOLET BOXES
Violet Color or White with 5-color bunch of Violets on corner.

CORRUGATED PAPER SHIPPING BOXES



FOR MAKING EXPRESS SHIPMENTS

LIGHT, STRONG, DURABLE.

PROTECTS CONTENTS FROM HEAT OR FROST.

SHIPPED FLAT. EASILY SET UP.

METAL OR K. D. CLOTH CORNERS.

THE J. W. SEFTON MFG. CO., CHICAGO, ILLINOIS ANDERSON, INDIANA

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CUT FLOWER BOXES
EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.

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WATERPROOF
Cut Flower and Design Boxes

PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.
THE BLOOMER BROS. CO., ST. MARYS, O.

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CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.
The best, strongest and neatest folding Cut Flower Box ever made. Cheap, durable.
To try them once is to use them always.

Size	No. 0	3x4x20	$2.00 per 100,	$19.00 per 1000	
"	No. 1	3x4½x16	1.90 "	17.50	"
"	No. 2	3x6x18	2.00 "	19 00	"
"	No. 3	4x8x18	2.50 "	23 00	"
"	No. 4	3x5x24	2.75 "	26.00	"
"	No. 5	4x8x22	3.00 "	28.50	"
"	No. 6	3x8x28	3.75 "	36.00	"
"	No. 7	6x16x20	5.50 "	54.00	"
"	No. 8	3x7x21	3.00 "	28 50	"
"	No. 9	5x10x35	6.50 "	62.00	"
"	No. 10	7x20x20	7.50 "	67.00	"
"	No. 11	3½x5x30	3.00 "	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.
THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.

Carnations, the best selling flowers we have, are far from plentiful and for an entire month it has not been possible to meet demands. They bring about $1 per dozen retail; from $3 to $4 per hundred wholesale. Chrysanthemums are about done, although a few nice blooms of Merry Christmas are offered. Bulbous stock is coming in freely, especially Roman hyacinths and Paper White narcissi. Greens are in good supply, excepting hardy ferns, and we have plenty of stock for the holiday trade.

Various Notes.

Henry A. Moore, of Moore, Hentz & Nash, wholesale florists, New York, was a caller among the leading growers of this vicinity last week. The object of his visit was to meet the growers who consign to his house and learn the possibilities of the supply of stock for Christmas.

The bursting of a boiler caused serious loss to growing stock, especially roses and callas, at the Sunnycrest greenhouses last week. The accident occurred at a time when the mercury stood at a point the lowest known hereabouts for many years, and before steam could be generated from a reserve boiler the frost had accomplished its fatal work, resulting in a loss of several thousands of dollars' worth of stock. These disheartening conditions do not put enterprising growers out of business, however, for two large boilers were immediately ordered by telegraph; and when this notice appears in print the devastated houses will be planted to sweet peas, lettuce and radishes, followed later by a crop of tomatoes. The carnation stock, comprising about 22,000 plants, was uninjured, these houses being heated from another source.

Rennie & Thomson have their new and commodious store at 135 and 137 Washington street practically complete, and will carry a large line of seeds, bulbs and florists' supplies. They will be the first among firms in this city to make special efforts for a mail order seed trade.

William Hay, who enjoys and justly deserves the title of being our best rose grower, has a magnificent crop for Christmas. He grows Bride, Bridesmaid, Richmond, Golden Gate and Killarney. He has several houses planted to Princess of Wales violets, which also promise a good cut for the holidays.

The downtown stores look radiant and attractive with their display of Christmas bells and festooning. The crowds upon our streets are indicative of a record-breaking business this season.

G. S. W.

FREMONT, MICH.—R. L. Chamberlain, on December 6, secured the interest of his partner, Dr. DeHaas, in the greenhouse and is now sole owner of the plant.

KANSAS CITY, MO.—The Alpha Floral Co. has moved from its old stand at 819 Walnut street to more commodious quarters at 1105 Walnut street. The move was necessitated by the increased volume of business.

I AM more than pleased with the REVIEW. It is my opinion that the FLORISTS' REVIEW is the best florists' and gardeners' paper ever published in this country and I gladly recommend it to all my friends.—HENRY E. DIEHL, Germantown, Pa.

NEWPORT, R. I.

The annual meeting of the Newport Horticultural Society was held Tuesday evening, December 11, in Mercury hall, President MacLellan in the chair. The report of the treasurer shows the financial standing of the society to be good and improved since last year. The financial secretary's report showed the same condition, showing also an increased membership. The recording secretary's report, which was unusually comprehensive, reviewed the work of the society during the year, pointing out weak points and suggesting remedies.

The following officers were then elected: President, Bruce Butterton; first vice-president, Samuel Speers; second vice-president, James Robertson; recording secretary, David McIntosh; financial secretary, Joseph Gibson; treasurer, Col. A. K. McMahon; sergeant-at-arms, William F. Smith; executive committee, Alexander MacLellan, Dr. A. J. Anderson, William J. Matson, John T. Allan, James J. Sullivan, Andrew Christensen, Stewart Ritchie, William F. Smith, John N. Gibson and the officers ex officio; auditors, Thomas B. Connally, W. H. Young and W. S. Sisson.

The outlook for Christmas is unusually bright. Stock coming in from out-of-town growers looks first-class and worth the slight advance in price asked. Christmas trees are exceedingly scarce, so much so that many retailers are experiencing considerable trouble in procuring a supply. Large consignments of plants from big growers arrived early in the week. Max Reilly.

I am much pleased with the Review and would not do without it.—Perley R. Follett, Haverhill, Mass.

CHRYSANTHEMUM Stock Plants

MORTON F. PLANT, (Totty's new pink), $3.00 per doz; $20.00 per 100.
JEANNE NONIN, (finest late white), $1.00 per doz; $8.00 per 100.

HENRY I. FAUST
MERION STATION, PA.
Mention The Review when you write.

NEW SINGLE GERANIUM
SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.
Mention The Review when you write.

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

The Weekly Florists' Review

NOW IS THE TIME TO
BEGIN!

Asparagus Crawshawii
A Beautiful Asparagus, superior to all others in many respects.
Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c
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Vinca (tips)	1.00 "
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Salvia	1.00 "
Heliotrope	.60 "
Sweet Alyssum (double)	.60 "

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Plumosus Nanus, 2-inch pots, per 100, $2.00.
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	Per doz.
Beauties, Specials	$12.00
" Fancy	10.00
" Extra	7.00
" First	6.00
	Per 100
Brides and Maids, Extra	$18.00 to $20.00
" " No. 1	12.00 to 18.00
" " No. 2	4.00 to 8.00
Liberty	10.00 to 25.00
Golden Gate	8.00 to 15.00
Kaiserin	6.00 to 15.00
Perle	8.00 to 15.00
Carnations	3.00 to 10.00
Chrysanthemums	8.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	2.00 to 3.00
Stevia	1.00 to 1.50

Milwaukee, Dec. 19.

	Per 100
Beauties, Medium	$25.00 to $50.00
" Shorts	12.50 to 18.00
Bride and Bridesmaid	6.00 to 18.00
Golden Gate, Chatenay	6.00 to 18.00
Liberty	8.00 to 18.00
Richmond	8.00 to 18.00
Perle	6.00 to 18.00
Carnations	5.00 to 8.00
Valley	3.00 to 4.00
Stevia	1.50
Violets	2.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	18.00
Adiantum	1.00 to 1.50
Poinsettias	doz., $2.00-$4.00
Paper Whites, Romans	3.00 to 4.00
Callas	18.00

Cleveland, Dec. 19.

	Per doz.
Beauties, Specials	$12.00
" Extra	10.00
" Select	8.00
" No. 1	5.00
" Shorts	3.00
	Per 100
Kaiserins	$ 5.00 to $10.00
Brides and Bridesmaids	8.00 to 15.00
Carnations	4.00 to 8.00
Chrysanthemums	doz., 75c-$2.00
Violets	1.50 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

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	Per doz.
Beauties, Specials	$7.50 to $9.00
" Extra	6.00
" Medium	4.00 to 5.00
" Short	2.00 to 3 00
	Per 100
Brides and Bridesmaids, Fancy	$12.00 to $15.00
" " Select	8.00 to 10.00
" " Ordinary	4 00 to 6.00
Richmond, Liberty, Fancy	15.00 to 18.00
" Select	8.00 to 12 00
" Ordinary	4.00 to 6.00
Killarney, Chatenay, Fancy	15.00 to 20.00
" " Select	12 00
" " Ordinary	6 00 to 8 00
Golden Gate, Select	10.00 to 12.00
" " Ordinary	4.00 to 6.00
Carnations, Fancy	8.00
" Select	4.00 to 6.00
" Ordinary	2.00 to 3.00
Harrisii Lilies, doz., $2.00	
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch..50c-75c	
" Sprengeri, bunch...50c	
Smilax	12.50 to 15.00
Valley	4.00 to 5.00
Cattleya Trianæ	75.00
Cypripediums	15.00
Dendrobium Formosum	40.00
Lælia Anceps and Lælia alba, dozen, $1.00 to $2.50	
Callas	12.50 to 15.00
Violets Single	.50 to .75
" Double	1.00 to 1.50
" White	2.00
Chrysanthemums—doz., $2.00-$3.00	
Gardenias, doz., $9.00	
Bouvardia	4.00 to 5.00
Pansies	1.00 to 1.50
Snapdragon	4.00
Sweet Peas	1.00 to 1.50
Daisies, White and Yellow	1.00 to 1 50
Stevia	1.00
Roman Hyacinths	3.00 to 4.00
Paper White Narcissus	3.00
Poinsettias, Fancy	35.00 to 40.00
" Ordinary	15.00 to 25.00
Mignonette, Fancy	6.00 to 8.00
" Ordinary	4.00

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New York, Dec. 17.

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" Fancy	25.00 to	30.00
" Extra	20.00 to	25.00
" No. 1	10.00 to	12.00
" No. 2	5.00 to	6.00
" Shorts	3.00 to	4.00
Brides and Maids, Special	10.00 to	15.00
" " Extra	6.00 to	8.00
" " No. 1	4.00 to	5.00
" " No. 2	2.00 to	4.00
Golden Gate, Chatenay	3.00 to	15.00
Killarney	3.00 to	15.00
Richmond	3.00 to	15.00
Orchids, Cattleyas	50.00 to	75.00
Cypripediums	10.00 to	12.00
Gardenias	35.00 to	50.00
Carnations, Common	1.50 to	2.00
" Selects	2.50 to	4.00
" Fancies and novelties	4.00 to	8.00
Chrysanthemums, Ordinary	2.00 to	8.00
" Fancy	10.00 to	25.00
Violets	.40 to	1.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum	.75 to	1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	8.00 to	15.00
Lilies	10.00 to	15.00
Lily of the Valley	2.00 to	4.00
Smilax	8.00 to	12.00
Paper Whites	1.50 to	2.00
Callas	8.00 to	12.00
Hyacinths	1.00 to	2.00

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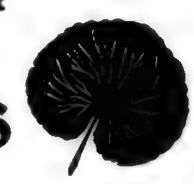
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Wholesale Cut Flower Prices.

Chicago, Dec. 19.

	Per doz.
Beauties, long stems	$10.00 to $12.00
" 30-inch stems	9.00
" 24-inch stems	8.00
" 20-inch stems	6.00
" 15-inch stems	4.00
" 12-inch stems	3.00
" Short stems	1.50 to 2.00
	Per 100
Bridesmaids, Specials	$12.00 to $15.00
" Firsts	6.00 to 10.00
Brides, Specials	12.00 to 15.00
" Firsts	6.00 to 10.00
Richmond, Specials	15.00 to 20.00
" Firsts	6.00 to 12.00
Liberty	6.00 to 20.00
Golden Gate, Firsts	10.00 to 12.00
" " Seconds	6.00 to 8.00
Killarney	8.00 to 25.00
Uncle John	6.00 to 15.00
Perle	6.00 to 12.00
Chatenay	6.00 to 20.00
Carnations, Select	4.00 to 5.00
" Fancy	6.00 to 8.00
Violets, double	1.50 to 2.50
" single	1.50 to 2.00
Chrysanthemums, fancy...doz., $3	
" medium, doz., $1.50-$2	
" small	6.00 10.00
Cattleyas...per doz., $9.00	
Dendrobium—	
Formosum....doz., $5.00 to $6.00	
Harrisii	15.00 to 18.00
Callas	15.00 to 18.00
Valley	3.00 to 5.00
Sweet Peas	1.00 to 1.50
Bouvardia	2.00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Mignonette	6.00 to 8.00
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch, 25-75c	
" Sprengeri, " 25-35c	
Ferns...per 1000, $1.50	.20
Galax...per 1000, $1.00 to 1.50	.15
Adiantum Cuneatum	1.00
" Croweanum	1.50
Smilax...per doz., $1.50 to $2.00	12.00 to 15.00

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Bridesmaids, Specials	8.00 to 16.00
" Seconds	1.00 to 2.00
Chatenay	8.00 to 12.00
Wellesley, Killarney	8.00 to 12.00
Liberty, Richmond	4.00 to 20.00
Carnations, Special	4.00 to 5.00
" Select	3.00 to 3.50
" Ordinary	2.50
Lily of the Valley	3.00 to 5.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00
Smilax	10.00 to 12.00
Harrisii	10.00 to 12.00
Violets	.75 to 1.00
Chrysanthemums	4.00 to 15.00
Cattleyas	35.00 to 40.00
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Callas	10.00 to 12.00
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St. Louis, Dec. 19.

	Per doz.
Beauties, Specials	$ 9.00 to $12.00
" Extra	4.00 to 6.00
" Shorts	1.50 to 2.00
	Per 100
Brides and Maids, Specials	$ 8.00 to $15.00
" " No. 1	5.00 to 6.00
Golden Gate	5.00 to 10.00
Richmond	5.00 to 15.00
Carnot	5.00 to 15.00
Carnations, Common	3.00 to 4.00
" Fancies	4.00 to 6.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets	1.00 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00

Pittsburg, Dec. 19.

	Per doz.
Beauties, Specials	$10.00 to $15.00
" Fancy	8.00
" Medium	6.00
" Short	3.00
	Per 100
Brides and Bridesmaids, Fancy	$12.00 to $15.00
" " Medium	8.00 to 10.00
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Richmond, Specials	25.00
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" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 10.00
Kaiserin	4.00 to 10.00
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Meteor	4.00 to 10.00
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Carnations	2.00 to 8.00
Chrysanthemums	10.00 to 25.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.75 to 2.00
Baby Primroses	.35 to .50
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will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

DULUTH, MINN.

W. W. Seekins says that business the last year has been satisfactory, the Thanksgiving trade being exceptionally heavy. He had a fine lot of his own mums, which he completely sold out. Mr. Seekins has built four new, modern houses and rebuilt two, also a new violet house 6x105 feet. He has them all running and filled with fine stock. He has now about 20,000 feet of glass in charge of William Jaap, who was for a long time with the Garfield Park Flower Co., Chicago. Last July Mr. Seekins bought out Mr. LeBorious' interest in the plant. Mr. LeBorious then started to build three greenhouses in one of the suburbs of Duluth, but, before completing the plant, again sold out to Mr. Seekins. These houses have now been completed and are planted to lettuce, but will be used for roses in the spring.

STEAMER SAILINGS.

Travel to Mediterranean and other southern ports begins with real winter. Compared to summer sailings it amounts to little for the florists, but it is nevertheless worth while to occasionally remind the public of your facilities for delivering flowers at distant points on short notice. Here are principal sailings:

Steamer—	From—	To—	Sails.
Ivernia	Boston	Liverpool	Dec. 25
Haverford	Philadelphia	Liverpool	Dec. 29
Caronia	New York	Egypt	Jan. 5
Noordland	Philadelphia	Liverpool	Jan. 5
Cedric	New York	Egypt	Jan. 5
Hamburg	New York	Naples	Jan. 10
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19
Canopic	Boston	Egypt	Feb. 23
K. Albert	New York	Naples	Feb. 23
Ivernia	Boston	Liverpool	Mar. 5
Pannonia	New York	Naples	Mar. 12
Republic	Boston	Egypt	Mar. 16
Carpathia	New York	Naples	Mar. 26
Slavonia	New York	Naples	Apr. 9
Canopic	Boston	Egypt	Apr. 10
P. V. Louise	New York	Naples	Apr. 11

WELLSTON, O.—Walter Butler, who has been located at Chillicothe, has arranged to come to this city and will build new greenhouses and conduct a general business.

LONG BRANCH, N. J.—W. G. Eisele, well known to the craft, was recommended for license as an exhorter by Dr. Handley at the last quarterly conference of the M. E. church.

PACIFIC COAST.

BERRIED GREENS.

The California redberry is being used more than ever during the present season by the florists and decorators, and it has become almost indispensable as a substitute where there is a shortage of flowers. They have been used for every possible function, from a wedding bouquet to a window decoration, and, because of their showy, scarlet berries, dark green foliage and wonderful keeping qualities, they are here to stay. Many thousands of tons are sold in this portion of California yearly. Although there are thousands of acres covered with them in various parts of the country, the patches in proximity to the railroads are being rapidly depleted, and each succeeding year finds the gatherers going farther inland, making the expense of gathering and marketing more each successive season.

Although the Heteromeles arbutifolia is strictly a native growth and is nowhere cultivated in the state, it is one of the best paying propositions that has fallen to the lot of the farmer. The labor of gathering it is slight and little care has to be used in packing, so that it is almost all profit. The price has been advanced about fifty per cent during the last year, and the retailers, who for the last ten years have been paying from $35 to $40 per ton, have had to stand an advance to $50 and $60. This is in line with everything else in regard to advancement of prices, and the end is not yet.

The madrono is also in considerable favor with decorators, and while it is not so easy to handle as the redberry, its glossy leaves, clean brown stems and large scarlet berries make it one of our most attractive native growths.

The so-called Oregon grape, Berberis Aquifolium, is used universally here for decorating, and the supply in this state is practically exhausted. We are receiving our largest supplies from Oregon, and many hundreds of crates are handled here weekly. Its glossy brown leaves and splendid lasting qualities stand the decorator well in hand, and it is especially favored for holiday trimmings.

Our old standby, the wild huckleberry, still stands supreme as an all-round green. The stock of this is also being rapidly depleted, and in a few years it will be only a memory. Forest fires, clearings for homes, cattle ranges and its wholesale destruction by the men who gather it for florists' use have made a big difference in the supply.

California still imports almost all the English holly used here. Several patches have been planted for the purpose of marketing the branches, but central and southern California are too dry to have much success with a shrub as fond of moisture as is the holly. We get some of our supply from British Columbia and Washington, where the abundance of rain makes an ideal condition for its cultivation. G.

WALNUTS IN OREGON.

The Oregon Nursery Co., at Salem, Ore., has arranged with the Southern Pacific railroad for a car of walnuts to be brought into the state from California for seeding purposes. Small lots have been contracted for in the past from the Bear state, and others have been received from France and England. This is the first instance recorded that a full car has been ordered. The walnut industry is said to have grown wonderfully in Oregon. At Dundee, Thomas Prince has seventeen acres under cultivation and the second crop was picked this year. He has set out a number of small trees on a 200-acre tract which is now bearing prunes. When the walnut trees are matured he proposes to grub out the prunes. Another orchard is maintained on the Ladd farm, near North Yamhill, and a third at Gaston, by F. K. Newell.

PORTLAND, ORE.

The Market.

A slight falling off in business has manifested itself since making our last report, but this is merely a repetition of our experience of former years and may be termed the calm before the storm. We found time last week to interview a few retailers as to the outlook for Christmas, and surely we have reason to expect a heavy holiday trade, as the greatest preparations are being made for it. We do not prophesy an abundance of any one thing in the cut flower line, as Old Sol has not shown his radiant face except at long intervals. But this deficiency we hope to offset by the splendid lot of flowering plants, which when offered for sale will form the grandest display ever seen in Portland.

Various Notes.

A partnership formed between J. B. Pilkington, a prominent nurseryman here, and F. D. Rennison, who has been with the Portland Seed Co. for three years, was announced recently. We are informed that an important feature of the venture will be the installing of a complete line of florists' supplies, which should pay well here. Mr. Rennison has gone east to purchase stock, and on his return the firm will open for active business at Front and Jankill streets. This will also give Mr. Pilkington an opportunity to bring his fine nursery stock before the downtown public. After spending several weeks in Europe last summer the last named gentleman was surprised to find on his return a railroad running through his nursery, and was obliged to resort to legal measures to have some of the curves taken out of it. Mr. Pilkington expects a satisfactory settlement.

Another new partnership of interest to the fraternity was announced December 9, at high noon, when Emmeline Street, the charming daughter of Mr. and Mrs. Charles F. Street, of Clackamas, was married to William Haberlach, a young business man of the same place, in the presence of fifty guests. The house had all the embellishments suited to the occasion, the ceremony being performed under a canopy of smilax and Richmond roses, all grown in Papa's greenhouses. The afternoon was devoted to the enjoyment of a bountiful repast and extending congratulations to the young couple. H. J. M.

SAN FRANCISCO.

The Market.

We have had continued rainy weather for the last week and flowers, owing to the dark weather, have decreased considerably in quantity. Violets are about all that are really plentiful and, although the price of them has not been reduced by the growers, there are quantities of them and they are being used for all purposes.

Carnations are in short supply, but

WELL ROOTED CARNATION CUTTINGS

SPECIAL—Are you going to plant **Enchantress** heavily this season? We are prepared to supply an almost unlimited demand. 50,000 well rooted cuttings ready now at $1.60 per 100; $15.00 per 1000.

	Per 100	Per 1000
WHITE		
White Lawson	$2.00	$15.00
Gov. Wolcott	1.40	10.00
Flora Hill	1.40	10.00
Queen Louise	1.20	10.00
SCARLET—Estelle	1.60	15.00
G. H. Crane	1.40	10.00
America	1.40	10.00
Red Lawson	1.60	12.50
YELLOW—Eldorado	1.40	10.00
PINK—Hannah Hobart (novelty 1906, Sievers)	$7.50	$60.00
Mrs. Lawson	1.40	10.00
G. Lord	1.40	10.00
Argyle	1.20	
Mrs. Joost	1.20	10.00
CRIMSON—Harlowarden	1.40	12.50
Gov. Roosevelt	1.40	12.50
VARIEGATED Lawson	1.60	15.00
Prosperity	1.40	12.50
Gaiety	1.20	10.00

Ready to ship at once. Cash with special discount of 5 per cent or C. O. D. privilege examination. Money back guarantee. We pay return charges on all shipments arriving in an unsatisfactory condition if returned at once. Express charges paid by us on all orders. No disease of any description. Unrooted cuttings half price.
25 cuttings at 100 rate; 200 at 1000 rate.

LOOMIS FLORAL CO., LOCK BOX 153, Loomis, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.
American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.
Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.
Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 3-inch, $2.00 per 100.
Cyclamen Per. Giganteum, 3-in., $5.00 per 100.
The following from 3-inch at $2 00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).
Smilax, 2½-in., $2.00 per 100.
Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.
Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.
Champion Strain—After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.
Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

500,000 ROOTED CARNATION CUTTINGS

For immediate shipment, with more coming.

Place your order NOW for December-January delivery.

HANNAH HOBART, BEST DARK PINK on the market; **JNO. H. SIEVERS & CO., 1906,**

January delivery, $7.50 per 100; $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

200 cuttings or more at 1000 rate. 5 per cent off for cash or will ship C. O. D. if preferred.
Express charges prepaid by us on all cutting orders. SATISFACTION GUARANTEED.

What is the matter with California Carnation Cuttings?

WEST END, N. J., January 11, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — Accept thanks for generous treatment. Plants arrived yesterday in perfect condition and are the hardiest, healthiest grown carnation cuttings I have seen for years. You certainly know how to pack long distance shipments.

Yours very truly, W. G. EISELE.

LAFAYETTE, COLO., February 19, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Dear Sirs: — We wish to thank you for the fine lot of cuttings shipped us. They arrived in better shape and have taken hold better than any lot of cuttings we have ever received. * * * *

Very truly, CANNON FLORAL AND SEED CO.

MILLBRAE, CAL., November 28, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — The cuttings you shipped me were received some time ago. They were fine stock and arrived in excellent condition.

BAY SHORE NURSERY CO.
L. NELSON, Mgr.

STATE AGRICULTURAL COLLEGE.
CORNVALLIS, ORE., December 1, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — Carnation cuttings came to hand in good order. I am pleased to receive such strong young stock. Not a faulty plant among the lot. * * * Yours very truly,

STATE AGRICULTURAL COLLEGE,
Per GEO. COOTE, Florist.

Loomis Carnation Co., Loomis, Cal.

ROSE MISS KATE MOULTON

With us is splendid in growth, flower, foliage, productiveness. We will book orders in rotation for early spring delivery from 2½ and 3-inch pots. **Prices, $12.00 per 100; $50.00 per 500; $100.00 per 1000.** Our propagating capacity is limited. Apply early if you want healthy, well grown stock.

THE SIBSON ROSE NURSERIES, CUT FLOWER DEPARTMENT
1180 MILWAUKEE AVE., PORTLAND, ORE.

Mention The Review when you write.

CARNATIONS

250,000 healthy, well rooted Cuttings of choice and standard varieties, as follows: Hannah Hobart, Enchantress; Red, White, Pink and Variegated Lawson; Estelle, Mrs. Joost, G. H. Crane, America, Eldorado, Harlowarden, Gov. Wolcott, Queen Louise, Flora Hill, Governor Roosevelt, Richmond Gem, Genevieve Lord, Argyle and Gaiety. Write for price list, terms, etc to

THE HERMITAGE CARNATION CO., D. F. Roddan, Prop., LOOMIS, CAL.

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

the quality is excellent and the prices have advanced a little. Fancy stock costs the retailers from 60 cents to 75 cents per dozen and ordinary varieties at about half that price. With roses there is much the same condition. Beauties are in fair supply and the best quality sells at $4 to $6 per dozen. Brides and Maids at from 50 cents to $1 per dozen are in good supply.

Narcissi are backward on account of the lack of moisture and they wholesale at $1.50 per hundred. Valley are much easier than they have been up to date and the wholesale price is $4 per hundred.

Advices from the south tell of a shortage of the outdoor crop of poinsettias, caused by the cold snap of last month. There is some indoor stock in town at from $6 to $9 per dozen. Outdoor mums hold on well and the prices have been raised greatly by the growers. From 75 cents to $1.50 per dozen is asked for flowers of fair quality. Inside mums are practically over for the season, only a few Mrs. Jerome Jones and Bonnaffons being in evidence.

Various Notes.

J. B. Pilkington, of Portland, Ore., has disposed of a carload of bay trees to the local dealers.

The price of evergreen wreaths has been advanced from $10 to $14 per hundred by the green goods men. A claim is made that owing to the scarcity of workmen extra prices had to be paid for labor.

Two Japanese establishments have been opened in Oakland during the last week.

There are at present thirty-five stores in San Francisco as against seventy-five before the fire. At the rate they are increasing we will have our full quota in another season.

Ferrari Bros. are cutting some extra good Beauties at present. Podesta & Baldocchi, J. H. Sievers & Co. and Pelicano & Co. handle most of their stock.

H. Plath, of Ocean View, reports a heavy demand for cut adiantum sprays. Mr. Plath has built up a large shipping trade since the April fire and finds his present stock unequal to the orders received.

Henry Morris has purchased two acres of land beyond Elmhurst and will prepare himself to actively enter the wholesale business next season. G.

BUFFALO, N. Y.—William Scott has been appointed chairman of the committee on flowers and bedding plants of the Western New York Horticultural Society. This is all the more a compliment as Mr. Scott was not a member of the society at the time of his appointment.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THE Association of Pennsylvania Nurserymen will hold its annual meeting at Harrisburg January 16 and 17. W. H. Moon is president.

THE apple crop of 1906 is estimated as fifty per cent larger than in 1905, totaling over 36,000,000 barrels. All the cold storage houses are full.

AFTER many years of service L. R. Bryant, Princeton, Ill., declined reëlection as secretary of the Illinois State Horticultural Society at its recent meeting.

EDWARD MORRIS, for thirty years head of the firm operating the Fonthill Nurseries, Fonthill, Ont., purposes retiring as shortly as he can find a purchaser for his large interests.

I. N. BROWN, who has had charge of the Atlantic nursery for the last fifteen years, expects to continue in the business on his own account. As Stark Bros. intend to go out of business in Atlantic, Mr. Brown will remain on the present site.

C. G. NIEMAN, manager of the Rosedale Nurseries, at Fremont, Neb., is preparing to establish branch nurseries in Pierre, S. D., and on his land near Hayes in Stanley county. He will ship for spring delivery 200,000 Norway maple trees.

GOOD apple seedlings are scarce, as has previously been reported, but the cry of the growers has been that prices were too low and now that buyers are compelled to accept the higher level it ought to be possible to keep prices on a profitable basis, even with a larger crop next year.

TIGHE & MCDONALD, of the Montana Nursery Co., Missoula, Mont., are making preparations to establish a nursery at Billings. They have just purchased 100 acres of land on the big flat near Billings and are making arrangements to erect a warehouse and packing plant. The cost of the plant will be more than $10,000.

WESTERN nurseries, most of which have paid little or no attention to ornamental stock, are getting in line with the demand and it may freely be said that although the supplies are twice what they were a brief while ago, the call for hardy stock for decorative planting is only at its beginning in the greater part of the country.

THE prospectus for the adoption of uniform state standards of inspection and certification of nursery stock do not brighten at the rate nurserymen had hoped they would. In fact, it looks as though the only hope lies in a national system of inspection and certification of stock in interstate traffic, and this seems to be a long way off.

TIMBER PLANTING.

It is stated that the Wichita Nursery Co., W. F. Schell, proprietor, Wichita, Kan., recently sold two large orders of trees, one order of 100,000 trees to R. V. Converse, of Cheyenne, Okla., and a second one of 150,000 to Underwood & Viles, of Hutchinson, Kan. These trees, which are mostly for timber, will be planted as an investment and consist principally of Catalpa speciosa and black locust, to be used for railroad ties and posts.

The Yaggy plantation at Hutchinson has proven a wonderful success in the hardy catalpa and, in fact, they have already sold enough to pay for the cost of the land three times, with hardly one-half of the plantation exhausted. As the railroad tie proposition increases and the forest supply is diminishing the catalpa growing industry is one of the best in this section of the country.

SMITH'S BENEFACTION.

It has become known that William Smith, the wealthy nurseryman of Geneva, N. Y., head of the W. & T. Smith Co., has made a proposition to the trustees of Hobart College whereby that institution will receive from him $500,000. It is stated that the principal condition is that a woman's department shall be established in connection with the institution. The plan is not to convert Hobart College into a coeducational institution, but rather make it a college in which the woman's department is to be coördinated with the men's. This means that the men and women will not attend classes together, but will be taught by the same faculty. The classes for the two sexes will be at different hours.

Mr. Smith has had the plan in mind for some years and his interest in Hobart College is well understood, as are his desires as to the direction of its future development. Five or six years ago he was reported as being about to endow the institution, but there was a halt in the arrangements until the present time.

SAN JOSE SCALE.

Bulletin No. 62 of the Bureau of Entomology, U. S. Department of Agriculture, is entitled "The San Jose or Chinese Scale." The author is C. L. Marlott, acting chief of the bureau, and the ninety pages, freely illustrated, contain the last work on the subject, up to December 5. The whole prolific literature of the subject is here summarized, from origination to the latest legislation on the subject. Eight pages are given to remedies. This is what is said of the fumigation of nursery stock:

"All nursery stock which is under the least suspicion of contamination with the San Jose scale should be fumigated; and it is perhaps worth while to fumigate in any case to give the utmost assurance of safety to the purchaser. The hydrocyanic acid gas fumigation is the one to use. The proportions of the chemicals are as follows. Refined potassium cyanide (98 per cent), one ounce; commercial sulphuric acid, one ounce; water, three fluid ounces—to every 100 cubic feet of space in the fumigating room or house. The latter should be as nearly air-tight as possible and provided with means of ventilation above and at the side, operated from without, so that at the end of the treatment the poisonous gases can be allowed to escape without the necessity of anyone entering the chamber. The generator of the gas may be any glazed earthenware vessel of one or two gallons capacity, and should be placed on the floor of the fumigating room and the water and acid necessary to generate the gas added to it. The cyanide should be added last, preferably in lumps the size of a walnut. Promptly after adding the cyanide the room should be vacated and the door made fast. The treatment should continue forty minutes. It must be borne in mind that the gas is extremely poisonous and must under no circumstances be inhaled. The gas treatment is effective against the scale on growing trees in the orchard also; but the difficulty and expense of the treatment, except for nursery stock, make it prohibitive in the case of deciduous fruits."

NITRATE OF SODA.

Natural nitrate of soda is at present only obtained from the deposits in the northern part of the Republic of Chili in the Provinces of Tarapaca and Atacama. The district is practically a rainless one, from three to five years sometimes passing without rain, and even when it falls it is hardly in sufficient quantities to penetrate the topmost layer of soil. This fact has an important bearing on the possibility of discovering similar accumulations elsewhere, as nitrate of soda is especially soluble in water, and deposits of this character could only continue to exist in a region such as this. The nitrate district is a desolate waste, says the Gardeners' Magazine. The surface is usually composed of sand and gypsum, beneath which lies a layer of earth and detritus some three feet to twelve feet thick. Beneath this lies the nitrate of soda to a depth of from one foot to twelve feet. The nitrate is obtained by boring through the upper layers, and introducing charges of gunpowder. This is fired by means of a slow match, and the explosion enables a considerable area to be reached. It is then loaded into wagons, and conveyed by a light railway to the factory. Here the natural salts are purified by crystallization to produce commercial nitrate of soda containing

Boxwood Exhausted, no more to offer until spring importations arrive.

MANETTI for delivery January 1 } 3-16 to ¼ inch.....$10.00 per 1000; ⅛ to 3-16 inch..... 7.50 per 1000

10,000 HYDRANGEA P. G. in cellar. What size do you want?

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

Hedge Plants

W. & T. SMITH COMPANY
GENEVA. N. Y.
Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.

61 Years. Send for our Wholesale Price List. 600 Acres.

ninety-five per cent nitrate, having fifteen and one-half per cent of nitrogen. During the last ten years there has been a large increase in the production and consumption of nitrate of soda. According to published estimates the consumption was 1,066,220 tons in 1896, 1,338,890 tons in 1900, and 1,543,120 tons in 1905. Since 1896 there has been a steady appreciation in values.

A BURBANK STORY.

Many things recently have been credited to Luther Burbank; "if you don't want to stand for it yourself, lay it to Burbank; he won't deny it." Here is the latest, from an exchange:

Luther Burbank, the plant wizard, showed last month to the students of Stanford university an apple that was sweet on one side and sour on the other.

"This apple shows us," Mr. Burbank said, "how different treatments will have different effects. It shows how environment causes the most radical changes."

He smiled.

"As in apples, so in men," he said. "There used to live in Santa Rosa a good, kind man, but unfortunately he married a shrewish wife and the woman changed his nature.

"One morning after his wife had called him a good-for-nothing loafer and snatched his breakfast away he started off, hungry and sore, for work.

"A sour-looking woman entered the car he was on. She got into a violent dispute with the conductor over her change. Finally, red with rage, she looked about her and said:

"'Is there a gentleman in this car who will stand by and see a lady insulted?'

"The hungry man whose nature had been spoiled rose eagerly.

"'Yes, madam,' he said, 'I will.'"

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., **Chicago**

Mention The Review when you write.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet....$10.00 per 100
" " strong, No. 2. 6.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

The Two Best Evergreen Trees

are Colorado Blue Spruce (Picea pungens glauca)

and Berckman's Golden Arbor-Vitae (Biota aurea nana)

Both are not only beautiful in habit, extremely rich in color but both are also of iron clad hardiness—being among the few Evergreens that will endure salt air and succeed near the coast.

		Per 10	Per 100
ABIES PUNGENS GLAUCA,	2-2½ ft.	$15.00	$125.00
" " "	2½-3 ft.	20.00	150 00
" " "	3-3½ ft.	25.00	200.00
" " "	3½-4 ft.	30.00	250.00
ABIES PUNGENS, green foliage,	2½-3 ft.	3.00	25.00
" " "	3-3½ ft.	4.00	35.00
" " "	3½-4 ft.	5.00	40.00
" " "	4-5 ft, specimens.	10.00	
" " "	5-6 ft., "	15.00	
BIOTA AUREA NANA,	10-12 in.	2.00	15.00
" " "	12-15 in., compact	2.50	25.00
" " "	15-18 in., "	3.50	30.00
" " "	18-20 in., "	5.00	40.00
" " "	20-24 in., "	6.00	50.00

Packed free for cash with order.

J. T. LOVETT, LITTLE SILVER, N. J.

Mention The Review when you write.

MANETTI STOCKS

Especially for Florists' Use. BEST FRENCH GROWN.

Grafting size, 3 to 5 m-m., per 1000.....$7.00; per 10,000.....$65.00.
First size, 5 to 10 m-m., per 1000..... 9.00; per 10,000..... 80.00.

Newark prices. **DUTY PAID.** For prompt delivery order NOW and avoid disappointment.

ROSES, two years, field-grown, well-rooted.

DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00

Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

Mention The Review when you write.

SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Manetti

STOCKS, $9.00 per 100.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited

THE WM H. MOON CO., MORRISVILLE, PA.

Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand.,
Honeysuckles and other Shrubbery.

AT A BARGAIN
Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

Baby Rambler

IN BUD AND BLOOM.
4-inch pots, 20c—quick shipment.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Field-Grown ROSES

1½ to 4 ft. high, 90 varieties, $8.00 per 100.

CRIMSON RAMBLER

1 and 2 years, 1½ to 4 ft., $3.00 to $5.00 per 100.

WM. K. NELSON, Augusta, Ga.

Always Mention the....
Florists' Review
When Writing Advertisers.

DETROIT.

The Market.

There is an unusual activity in the trade, as all are looking forward to a banner Christmas business. A stretch of dark weather, the worst kind for bringing out blooming plants and cut flowers, has made stock scarce. As is usual at this season of the year, there is considerable funeral work and white flowers are wanted.

Roses and carnations are at a premium. Extra fine Bridesmaids are bringing from $4 to $12.50 per hundred. Although but few Beauties are handled by our local commission-houses, still large shipments are received daily at the downtown stores from outside growers.

Carnations bring from $2.50 to $5, for the quality of stock varies a great deal. Many growers send in fine large blooms, but weak stems. The best outside stock comes from Mount Clemens, some of the Enchantress being unusually fine.

Chrysanthemums, though reported a thing of the past in the last issue, are still hanging on and we will have mums through the holidays. Yanoma, Arline, Chadwick, white and yellow Jerome Jones are still in the ring. The whites move fast, but this can hardly be said of the yellows.

Violets are scarce and most likely will be away up in price for Christmas. Valley is used in large quantities, for corsages, debutante bouquets, funerals, etc. Stevia, cosmos, Roman hyacinths and narcissi sell well. Poinsettias seem plentiful. Owing to the unfavorable weather, azaleas are scarce. All the stores are well supplied with poinsettias in pots, cyclamens, cherries, primroses, and the usual run of palms and ferns.

Various Notes.

Louis Rusk has received many orders for ground pine garlands from the local florists.

Clyde Chase, of Schroeter's, picks up many an odd dollar through his ability as a musician.

August Von Boeselager, of Mount Clemens, is shipping some of the finest carnations seen in this vicinity. A white, Moonlight, is especially fine. H. S.

Fargo, N. D.—Prof. Waldron, of the State Agricultural College, while at Chicago to attend the stock show, visited a number of greenhouse establishments and formed definite ideas of what the college needs in the shape of two new greenhouses it is hoped the legislature will provide money for.

The New Ceramic Chrysanthemum

Stock plants, 20c each, while they last.
Also Bonnaffon, Chadwick, Jones and Nonin.

CHAL. PETERSON, East Liverpool, O.

Mention The Review when you write.

Chryanthemums

All Varieties to Suit Everybody.

See bargain offers in previous issues.
Send for preliminary list.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Spiraeas, Azaleas, Rhododendrons, Etc.

Spiraea Japonica	$4.00 per 100	**Spiraea Ast. Floribunda**	$4.25 per 100
Spiraea Nana Compacta	4.00 per 100	**Spiraea Gladstone**	6.50 per 100

Azalea Indica, fine list early and late varieties, Simon Mardner, Empress of India, Niobe, Prof. Wolters, Mme. Vander Cruyssen, Helen Thelemann:
10 to 12-inch crowns $35.00 per 100
12 to 14-inch crowns 45.00 per 100
14 to 16-inch crowns 55 00 per 100
16 to 18-inch crowns 90.00 per 100

Azalea Mollis, bushy, well budded seedlings:
12 to 15 inches high $25.00 per 100
15 to 18 inches high 35.00 per 100

Rhododendrons, bushy, perfectly shaped plants of leading forcing varieties:
18 to 20 in. high, full of buds $9 00 per doz.
20 to 24 in. high, full of buds 12.00 per doz.

Latania Borbonica, strong, 4-in. $15.00 per 100
Kentia Belmoreana, 5-in., bushy 60.00 per 100
Nephrolepis Elegantissima, 2¼-inch pots 5.00 per 100

The Storrs & Harrison Co. PAINESVILLE, OHIO.

Mention The Review when you write.

Orchids

28 HOUSES.

Imported, Semi-established,
ESTABLISHED and FINE HYBRIDS
Stove and Greenhouse Plants.

Inspection invited. Correspondence solicited.

JULIUS ROEHRS CO., Rutherford, N. J.

Mention The Review when you write.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

Mention The Review when you write.

Orchids From Philippines

Phalaenopsis Schilleriana, we are ready to give quotations upon plants with 1 to 3 leaves, per 100 plants, or upon sound plants without leaves, per 100 plants, for immediate delivery, F. O. B. Hamburg.

A. HELD, 11-19 William St., NEW YORK

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WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

Mention The Review when you write.

Always Mention the FLORISTS' REVIEW When Writing Advertisers

WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.
Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.
Phoenix Canariensis, 2-in., $1.00 per doz.
Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.
Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100; $25.00 per 1000.
Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.
Boston Ferns, 5-in. $3.00 per doz.
" " 6-in. 6.00 per doz.
" " 7-in. 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.
Pteris Wimsetti, 3-inch, 75c per doz.
Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Asparagus Plumosus Nanus	4			$1.25	
Asparagus Plumosus	2				$3.00
" "	3				6.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				6.00
" "	4			1.25	
" "	5			2.00	

Aucuba Japonica, 3½-ft., fine plants, $1.50 each.
Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.
Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.
Box Trees, 12 to 18 inches high, $4.20 per doz.
Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz., 7-inch, $1.00 each.
Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz; 2-inch, $1.25 per doz.
Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.
Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

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Forcing Stock of Excellent Quality.



RHODODENDRONS. Leading varieties, suitable for forcing, such as Caractacus, Everestianum, Hendersoni, Kate Waterer, Michael Waterer, Mme. Wagner, Mme. Carvalho, Mrs. Fitzgerald, Prince Camille de Rohan, William Austin, etc. Finely shaped plants with 12 buds and upwards, $1.00 each; $11.00 per doz.; $90.00 per 100.

AZALEA MOLLIS. Elegant bushy plants, 15 in. high, well set with buds, fine for early forcing, $4.50 per doz.; $35.00 per 100.

LILACS, pot-grown, Chas. X. and Marie Legraye. Good shaped plants well set with buds, $6.00 per doz.; $45.00 per 100.

INDIAN AZALEAS. To close out we are still offering at import prices a full assortment of standard varieties—

10 to 12-in. crowns,	$4.50	per doz.;	$35.00	per 100.	
12 to 14-in.	"	6.00	"	45.00	"
14 to 16-in.	"	7.00	"	55.00	"

Larger sizes at $1.00, $2.00, $2.50 and $3.00 each.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

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2½-in. **Asparagus Plumosus**.....$3.00 per 100
3-in. **Asparagus Sprengeri**..... 4.00 per 100
2-in. **Hibiscus**, in variety..... 2.50 per 100
2-in. **Flowering Begonias**..... 2.50 per 100
2-in. **Boston Ferns**..... 3.00 per 100
2-in. **Tarrytown Ferns**..... 5.00 per 100
2-in. **Scottii Ferns**..... 4.00 per 100
3-in. " " ..... 6.00 per 100
4-in. " " .....10.00 per 100

The National Plant Co., Dayton, Ohio

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We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

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GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

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BEGONIA GLOIRE DE LORRAINE

Fine Stock } 4-inch, $5.00 per doz.
all in bloom } 3-inch, 3.00 per doz.

Boston Ferns, } 8-inch pans..$1.50 each; $15.00 per doz.
} 6-inch pans.. .50 each.

A. JABLONSKY, Wellston, St. Louis, Mo.

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CYCLAMEN PERS. GIGANTEUM

Showing bud, 3-in., $5.00 per 100, 300 for $10.00. 4-in., $8.00 per 100; 5-in., $15.00 per 100.
Primulas, Chinese and Obconica, 3-in., $3.00; 4-in., in bud and bloom, $6.00.
Asparagus Plumosus Nanus, 3½-in., $8.00 per 100.
Cinerarias, 3-in., $3.00 per 100.

Samuel Whitton, 15-16 Gray Ave., Utica, N.Y.

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FERNS

		Per doz.	100	1000
Boston Ferns,	2½-in.		$3.00	$25.00
" "	3-in.		6.00	
" "	4-in.	$1.50	10.00	
" "	5-in.	2.25	15.00	
Piersoni, strong runners,	2½-in.		3.00	25.00
" " "	4-in.	1.50	10.00	
" " "	5-in.	2.25	15.00	
Scottii, " "	2½-in.		3.00	25.00
Elegantissima,	2½-inch.		4.00	35.00
"	3-in.		7.00	
"	4-in.	1.50	10.00	
"	5-in.	2.25	15.00	
Whitmani, 3-in.			20.00	
Holly Ferns,	2½-in.		3.00	
Carex Japonica,	2½-in.		2.50	
Begonias, assorted,	2½-in.		2.50	
Crotons, 4 sorts,	3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock..			3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants			2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

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LUDVIG MOSBAEK

ONARGA, ILL.

ASPARAGUS Pl. Nanus and **Sprengeri.** 2, 2½, 3 and 4-in., $2.00, $2.50, $5.00 and $8.00 per 100.
FERNS. Boston, Piersoni, Anna Foster, 2¼, 3 and 4-in., $3.00, $6.00 and $12.00 per 100; 6-in., $4.00; 8-in., $10.00; 10-in., $20.00 per doz. **Piersoni Elegantissima** and **Scottii.** fine runners, $40.00 per 1000; **Boston,** $20.00 per 1000.
150,000 Cannas, in 35 var. List mailed.
50,000 Hardy Perennials, field and pot-grown.

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Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

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FERNS

Bostons, from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively. **Bostons and Scottii,** 5 to 10-inch pans, 50c to $1.50 each.
Jerusalem Cherries, 12-inch pans, 7 plants to a pan, full of berries, 75c each. 3½-in pots, with berries and bloom on, $6.00 per 100.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Carnations

Norway—We still have about 800 nice field-grown plants. Just nice to follow mums. At present they are heeled in bench. $3.00 per 100 to close them out.
20,000 Rooted Cuttings, leading varieties now ready. Write for prices.

J. W. DUNFORD, CLAYTON, MO.

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500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

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ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.
Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

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BALTIMORE.

The Market.

We are experiencing disagreeable weather for this time of the year and the outlook for cut flowers for Christmas is not encouraging. However, business last week was rushing. Of late many notable people have passed away and a great amount of design work was called for. Funeral work holds its own, while a few weddings, dinners, receptions and other social occasions cleaned up practically everything.

Roses are getting short and prices higher. Carnations are selling too fast and the supply is much shorter. They are selling at $4 to $6 per hundred and it is feared there will be a strong advance by next week.

Violets are climbing up and double violets are almost out of commission. Some good large mums are still to be had. A large supply of Paper Whites is ready for the Christmas rush. White Roman hyacinths are in time, while callas are scarce. Harrisii and longiflorum lilies are not plentiful. Mignonette and sweet peas are on the market. Christmas greens are plentiful and in steady demand.

Various Notes.

Harry Ekas has completed a 100-foot sash house for storing his rose bushes.

F. Seidlich has secured his stall again for the holidays.

John McCormick is cutting some fine carnations and sending in some extra Harrisii lilies.

The Baltimore Florists' Exchange is having a heavy run on cut flowers and is unable to meet the demand.

The bulb representatives were in town last week taking orders for next year, and report trade fair.

G. H. Siddons has two large windows tastefully decorated with Christmas supplies and will also have a stall in the market.

A large amount of various sizes of plants will be used in many Christmas gardens.

John R. Donn is doing a rushing business in decorative plants.

Some of our florists will not set prices on flowers now to be delivered after Christmas. J. L. T.

Medicine Hat, Man.—L. H. Shepley, of Winnipeg, a financial agent, spent last week in Medicine Hat in the interests of Winnipeg parties who contemplate investing $50,000 in a greenhouse plant for the cultivation of roses and carnations for the Winnipeg and western market. The stock is now brought from eastern Canada and Minneapolis. The cheap gas for fuel has brought Medicine Hat to their attention and it is looked upon as a favorable place for such a business.

Pink Sport of Enchantress

Color, Rose Pink. Habit, identical with Enchantress. Pink Sport of Enchantress will make a very desirable addition to your list of Carnations.

Rooted Cuttings.....$6.00 per 100; $50.00 per 1000.

——Send orders to——

HOLTON & HUNKEL CO., Milwaukee, Wis.

Or to the Originator and Grower..... **E. H. Blameuser, Niles Center, Ill.**

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Rooted Cuttings--Roses

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Bride	$1.50	$12.50	Richmond	$1.50	$12.50	Perle	$2.50	$20.00
Maid	1.50	12.50	Carnot	2.50	20 00	Am. Beauties	3.00	25.00
Chatenay	1.50	12.50	Kaiserin	2.50	20.00			

CARNATIONS

Enchantress	$2 50 per 100	Bountiful	$2.50 per 100	Wolcott	$1.50 per 100
Lawson	1.50 per 100	Queen	1.50 per 100	Harlowarden	2.00 per 100

Our cuttings are all strong, healthy and well rooted. All cuttings are shipped from Hinsdale.

Bassett & Washburn, Office and Store 76 Wabash Ave. **Chicago**

GREENHOUSES, HINSDALE, ILL.

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MUMS

STOCK PLANTS

Rosiere, pink	$1 50 per doz.
Amorita, pink	1.00 per doz.
Monrovia	.75 per doz.
Merstham Yellow	1.00 per doz.
Omega	.75 per doz.
C. Touset	1.00 per doz.
Mme. Bergmann	.75 per doz.
Willowbrook	.75 per doz.

ELI CROSS, GRAND RAPIDS, MICH.

FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $1.50 per 100.

Flowering Begonias, 8 kinds, 2-in., 2½c.
Rex Begonias, 3-in , 8c.
Geraniums. 2-in., strong, 5 best sorts, 2c.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens, Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c.

Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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Send for complete list.

CHAS. H. TOTTY, Madison, N. J.

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CHRYSANTHEMUM MAMUAL

By ELMER D. SMITH

Revised Edition—A complete practical treatise, concise directions for every stage of the work of propagator and grower. The result of 20 years' experience.

98 Pages. 32 Illustrations
Forty Cents Postpaid

Florists' Publishing Co.
520-540 Caxton Building
334 Dearborn St., Chicago.

CARNATIONS—Rooted Cuttings

RED CHIEF—The scarlet for every grower. Has a bright even color, a fine habit, perfectly clean and healthy and leads in productiveness. A Christmas scarlet in every respect.

BONNIE MAID—Edged white and shaded to a pink center. A pleasing and attractive flower. Early and very free.

ARISTOCRAT—Bright cerise pink.

WINSOR—Clear silvery pink.

POCAHONTAS—Bright crimson.

The above 5 varieties, $12.00 per 100; $100.00 per 1000.

WHITE PERFECTION—Always white, $6.00 per 100; $50.00 per 1000.

ROSE-PINK ENCHANTRESS—The true clear rose pink, $7.00 per 100; $60.00 per 1000.

VICTORY and **ROBT. CRAIG**—Scarlet, $6.00 per 100; $50.00 per 1000.

PINK PATTEN, pink; **CANDACE**, pink; **GLENDALE**, variegated; $5.00 per 100; $40.00 per 1000.

LADY BOUNTIFUL, white; **ENCHANTRESS**, light pink, $3.00 per 100; $25.00 per 1000.

Selected, well rooted cuttings is what we offer. Send for complete price list.

F. DORNER & SONS CO., LAFAYETTE, IND.

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A SAFE INVESTMENT

CARNATION HELEN GODDARD

Is filling all the claims of its introducers. A money-maker for all who plant it. Our stock is in excellent condition and only strictly A-1 cuttings will be sent out. Rooted cuttings ready Jan. 1, **$50.00 per 1000.**

Write for prices on other standard sorts.

GEORGE E. BUXTON, NASHUA, N. H.

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ROOTED CARNATION CUTTINGS

	100	1000		100	1000
W. Perfection	$6.00	$50.00	Flamingo	$2.00	$15.00
L. Bountiful	3.00	25 00	Crane	2.00	15 00
Vesper	2.00	18.00	P. Lawson	1.50	12 50
B. Market	1 50	12.50	Joost	1.00	9.00
Flora Hill	1.00	9.00	Eclipse	2.50	
Fred Burki	2 50		Enchantress	2.00	15.00
Cardinal	4.00	35.00	Prosperity	1.75	12 50
Estelle	2.00	15.00	Aureola	2.50	20.00

CHAS. DAUERNHEIM, Jr., Kimmswick, Mo.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

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Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

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ABUNDANCE

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices—$5.0' per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER
Great Neck, L. I., N. Y.

ORDERS BOOKED NOW FOR

Rooted Cuttings of Carnations

	Per 100	Per 1000
Rose-Pink Enchantress	**$7.00**	**$60.00**
Helen Goddard	**6.00**	**50.00**

January, 1907, delivery.

W. B. GIRVIN, -- - Leola, Pa.

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John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July: no extra grass; all shoots make flowers. Watch the papers and see what growers say about it None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa.**

Mention The Review when you write.

CARNATIONS, Strong, healthy, rooted cuttings

	Per 1000		Per 1000
R. Craig	**$50.00**	**Mrs. Patten**	**$20.00**
Cardinal	**30.00**	**Mrs. Lawson**	**15 00**
Lady Bountiful	**25.00**	**Estelle**	**15.00**
Enchantress	**20.00**	**Queen Louise**	**10.00**

HENRY BAER, R. F. D. 8, Peoria, Ill.

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ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig (best red), Nelson Fisher (best dark pink), M. A. Patten, Lady Bountiful, Queen. Orders taken now will be ready for Jan., 1907, delivery. Write for prices.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

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MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

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.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is **THE** carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

824 No. 24th St., PHILADELPHIA, PA.

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Orders now booked for rooted cuttings of
CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

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ROOTED

Carnation Cuttings

Leading varieties. Write for prices

WM. WINTER, KIRKWOOD, MO.

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PITTSBURG.

Current Comment.

Monday, December 17, finds us in the midst of a heavy snow storm, with the growers looking blue. Carnations for Christmas are quoted at $4 to $15 per hundred, roses $8 to $25 per hundred, and Beauties $3 to $18 per dozen.

The green goods man is the fellow who has been strictly in it for business during the last week. Stock of all kinds has been plentiful enough, except bouquet green, both loose and wreathing. There is not enough of either to go around and the result is pine is bringing more than it is worth.

The retail shops have some pretty effects with boxwood, red immortelles and poinsettias. There has not been a great deal of business in Christmas goods, but much is expected this week, as business in general continues so good that hopes are high for the holidays and all predict that this will be the banner year.

The wholesalers are disposing of everything they can get, as stock is scarce for the holidays, and things do not look as good as one might wish.

Various Notes.

Joseph N. Thomas, of Greensburg, has opened a branch store at Latrobe, Pa., and he reports business good at both places.

At the last meeting of the florists' club some of the greenhouse men had considerable sport at the expense of one of the speakers about artificial poinsettias, but a trip around the retail stores would convince them that there is a place for them and that they are beautiful when properly used; at least they sell at a large profit, which is something in their favor.

Boxwood seems to be the favorite evergreen this year among the best shops, and holly is largely left to the grocers and market people.

Visitors: Joseph Thomas, Greensburg, Pa.; J. W. Glenn, Kittanning, Pa.; W. A. Herbert, Wellsville, O.

Hoo-Hoo.

Wellston, O.—Mrs. H. Wyckoff has been in the business but a little over a year and is doing well. She is already planning the enlargement of her greenhouses.

Peoria, Ill.—B. Juergens was a recent visitor in Chicago, getting into touch with the latest ideas in floral decoration and incidentally attending the big stock show.

Plants and Cut Flowers for Christmas

Celestial Peppers, 5-in., 25c; 7-in., 50c and 8-in., $1.00 each.
Jerusalem Cherries, 5-in., 25c; 6-in., 50c each.
Romans, 5-in., 25c each.
Paper Whites, 5-in., 25c each; 6-in., 40c each.
SPECIAL—Fifty 10-inch **Bostons,** worth $4.00, for $2.50 each or $25.00 for a dozen.

FOR CHRISTMAS

A very fine lot of **Elegantissima, Barrowsii, Piersoni, Scottii, Whitmani** and **Boston Ferns,** in 4 5 and 6-in. pots.
Chinese Primroses, 4-in., $12.50.
Primula Obconica, 4-in., $12.50.
Baby Primroses, 4-in , $12.50.
Rex Begonias, 4-in., $15.00.
Write us for new price list.

GEO. A. KUHL, Pekin, Ill.

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SURPLUS STOCK IN EXCELLENT CONDITION

New Year's, the time of balls and parties, is now on the program. What will you use to decorate the tables and homes of your customers with? Take my advice and use an **Araucaria Compacta Robusta** or **Glauca.** With the size and kind I grow, you will be surprised the effect it will have on the table. The plant is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old. 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1 75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

FERNS, all raised in pots and not on benches as follow:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Maiden-hair Ferns, 6-in., 35c to 40c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

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GERANIUMS

ALLIANCE—Beautiful shade of delicate lilac-white. Blotched crimson-rose. Hybrid between an ivy and zonal. Excellent habit for vases or pot plants. 25c each; $2.50 per doz.; $20.00 per 100.

E. H. TREGO—Is one of the most beautiful shades of dazzling **scarlet** with a soft velvety finish; the flowers are large semi-double, often measuring over two inches in diameter. 75c per doz.; $4.00 per 100.

FLEUVE BLANC—A pure white, semi-double and a perfect type of **the Bruant race,** destined to become the leader in white. $1.50 per doz.; $10.00 per 100.

MRS. LAWRENCE—Semi-double, beautiful, soft satiny salmon-tinted white; large, fine flower, wonderfully free in flowering. A gem as a pot plant. A magnificent bedder. $1.00 per doz., $6.00 per 100.

M. ANATOLE ROSELEUR—A charming shade of rose-pink, with decided white eye, large semi-double; well formed flowers; abundant bloomer. $1.00 per doz.; $6.00 per 100.

Our Descriptive GERANIUM CATALOGUE contains description and wholesale prices of seventy-five of the best standard sorts and the finest collection of imported novelties ever offered in the country, including 100 varieties from such noted introducers as Bruant, Lemoine, Pfitzer Cannell, etc., sent free to the trade only.

A Cordial Invitation is extended to all interested in horticulture to visit us, Cowenton Station, Philadelphia division B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

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GERANIUMS

We have a very large stock of young Geranium plants in 2-in. pots, which will make fine stock for spring sales. These have been grown cool and are nice, stocky plants. If you are short of your requirements, it will pay you to stock up now. **MARVEL,** the best dark red; **MME. CASTELLANE,** fine cherry red; **JEAN VIAUD,** best bright pink; $2.50 per 100; $20.00 per 1000.

Our Stock of Carnations

embraces all the leading varieties and we will have fine strong cuttings to offer through the season. Our new list will be out early in January. If in want, let us hear from you.

POCAHONTAS, our new crimson for 1907, $12.00 per 100; $100.00 per 1000.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

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Florists' Review

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One of the Finest Gifts for the Holidays is a Beautiful Plant

Fine Well-Grown Plants of

TARRYTOWN FERN

Nephrolepis Piersoni Elegantissima

makes one of the finest plants for a holiday gift that we know of. We sell large quantities of these at retail among our local customers, and there is nothing more profitable or satisfactory for Christmas sales than a few of these nice plants. We can offer fine selected specimens in all sizes, from medium sized plants in 6-inch pans up to immense elegant specimens in 10-inch pans, suiting all purses and all classes of trade. Order early and have the stock on hand where you can show it. You will find nothing more satisfactory or profitable. We can supply fine plants as follows: Fine plants. 6-in. pans, 75c and $1.00 each—according to size. Fine specimen plants, 8-in. pans, $1.50 and $2.00 each—according to size. Very fine specimen plants, 10-inch pans, $3.00 each; large specimens, 12-in. pans, $5.00 each; extra large specimens, 14-in. pans, $7.50 each; still larger specimens, 16-in. pans, $10.00 each.

Also young stock for growing on, $12.00 per 100.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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Chrysanthemum Stock Plants

Bonnaffon, Jones, Eaton (yellow and white), Appleton, Ivory, Golden Wedding, Maud Dean, Goldmine, Convention Hall, Polly Rose, Pacific, Amorita, A. Byron, Jeanne Nonin Dr. Enguehard, Guy Hamilton, $5.00 per 100. Orders booked for rooted cuttings at $12.50 per 1000.

Poinsettias, stock plants, $5.00 per 100.

10,000 FERNS, Very Strong

	Per Doz.	Per 100
Piersoni, 5-inch	$3.50	$25.00
" 4-inch		10.00
" 3-inch		5.00
Scottii, 5-inch	4.00	30.00
" 4-inch		15.00
" 3-inch		8.00
Boston, 5-inch	3.50	25.00
" 4-inch		10.00
" 3-inch		5.00

J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

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BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER

1101 Fifth Ave. PEORIA, ILL.

Formerly Cation Greenhouse Co.

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ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Salvia** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca** var., 90c; $8.00 per 1000. Cash.

Umbrella Plants, 2-in., $1.50 per 100.

Cyclamen Mixed Seedlings, Dreer's best seed, $1.25 per 100, prepaid. Cash.

SHIPPENSBURG FLORAL CO.

Shippensburg, Pa.

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From Seed Bed

75,000 Cyclamen Giganteum Persicum seedlings left, in 5 separate colors which we offer at the low price of $1.00 per 100; $8.00 per 1000; $75.00 per 10,000. STOP; don't think because we offer our seedlings cheap they are cheap quality, for the seed of this strain in small quantities sells at $5.00 per 1000 seeds.

Order at once from

D. U. Augspurger & Sons

Box 778, PEORIA, ILL.

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Blooming Plants for Christmas

Cyclamen, in full flower, with plenty of buds showing, 5-inch.....$15.00 per 100
4-inch, in bud..... 10.00 per 100
Primula Primrose and **Obconica,** in full flower, 4-in.....$1.00 per doz.; $6.00 per 100
Azaleas, in flower.....50c and 75c each
Araucarias, 3 tiers.....40c each
4 tiers.....50c each
Rubbers. 18 inches high, 25c each; $20.00 per 100
Asparagus Sprengeri, 4-inch... 5.00 per 100
Cinerarias, 2¼-inch..... 2.00 per 100
" 3-inch..... 3.00 per 100

C. WHITTON, CITY STREET, UTICA, N. Y.

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Verbena King

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Worlds of other rooted cuttings later on.

MUM stock plants, 75c per doz.; $5.00 per 100.

C. HUMFELD, CLAY CENTER, KAN.

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...Wholesale Trade List..

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots. $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
New Daisy Queen Alexandra, 2-in. pots, $3.00 per 100.
New Daisy Queen Alexandra, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 5-in. pots, 20c.
Boston Ferns, 6-in. pots, 25c.
Hydrangea Thos. Hogg, 10 to 12 flowering branches, $10.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
Smilax, 2½-in. pots, $2.00 per 100.
ROOTED CUTTINGS — Single and double Fuchsias, 4 varieties; dark blue heliotrope, $1.00 per 100. Coleus Verschaffeltii, Golden Bedder, Queen Victoria and other showy varieties; Salvia Bonfire, 75c per 100. Alternantheras, best brilliant red and yellow, 50c per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

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Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100

Cash with order, please.

Converse Greenhouses, Webster, Mass.

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AZALEAS

For Christmas and New Year

Two houses, 150x20 feet, in perfect condition, beautifully flowered, just right, 75c, $1.00, $1.25, $1.50, $2.00, $2.50, $3.00 each.

Araucaria Excelsa, 5-in. pot, 50c and 75c each, three to four tiers; 5½-in. to 6-in., $1.00, $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00 to $3.50.

Asparagus Sprengeri, $5.00 per 100.

Begonia Gloire de Lorraine, $6.00, $9.00, $12.00 and $18.00 per doz. Also some larger plants.

Begonia Gloire de Lorraine, wire hanging baskets, $2.00, $3.00, $4.00 each, can be planted to order.

Superb Boxwood, just arrived, perfectly shaped.

Bushes for window boxes, 12 to 20 in. high from top of root ball, 75c a pair; 24 in. high, $1.00 to $1.50 a pair.

Pyramid Box, 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4.50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft., $8.00 a pair; 5½ and over, perfect specimens, $9.00, $10.00, $11.00 and $12.00 a pair, in tubs, without a blemish.

Boston Ferns, 5-in. pots, $3.00 per doz.; 6½-in. pots, $9.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50 and $3.00 each. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair.

Cash or satisfactory New York references.

Dracæna Indivisa, 4-in. pots, $10.00 per 100; 5½-in. pots, $20.00 per 100.

Erica Fragrans, $2.00, $2.50, $3.00 to $4.00.

Erica Regerminans, 75c, $1.00, $1.50 each.

Scottii Fern, 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz.

N. Elegantissima, 5½-in. pots, $5.00 per doz.

N. Whitmani, 4½-in. pots, $6.00 per doz.

N. Piersoni, 5-in. pots, $4.00 per doz.; 6-in. pots, $6.00 per doz.; 6½-in. pots, $9.00 per doz.; 7-in. pots, $12.00 per doz.

English Ivy, 4½-in. pots, $2.00 per doz.; $15.00 per 100, 3 to 4 ft. high.

Jerusalem Cherries, $4.00, $5.00, $6.00 per doz.

Kentia Forsteriana, combinations 3 and 4 plants in 8-in. pots, $1.50 to $3.00; 10-in. pots, $6.00 each; 14-in. pots, $15.00 to $20.00 each. Single plants, 50c to $2.00 each.

Kentia Belmoreana and Forsteriana, all sizes, single and combinations, from $1.00 to $20.00 each. Give us a trial.

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Pandanus Veitchii, 6-in. pots, $9.00 per doz.

Poinsettias in pans, low plants, $1.00 to $2.00 each.

Roman hyacinths in bloom, $2.50 per box.

Rubbers, 6-in. pots, $6.00 per doz.; 6½-in., branched, $9.00 per doz.; 6½-in. pots, single stem, $8.00 per doz.; 7-in. pots, branched, $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

Cash or satisfactory New York references.

Anton Schultheis

19th St. and 4th Ave., College Point, N. Y.

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Asparagus

Asparagus Plumosus, 3-inch, $6.00 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00.
Boston Ferns, 8-inch, $1.25 each.
Pierson Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 5c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Viviand-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

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Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

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Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS
Rutherford, N. J.

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POINSETTIAS

To close, 2½-in., $4.00 per 100.

Hydrangeas, 2½-in.	$3 00 per 100
" 4-in., pot-grown,	$8.00 to 10 00 per 100
" 5-in., pot-grown	20 00 per 100
Variegated Vincas, 2-in.	2.50 per 100
Begonia Sandersoni, 2½-in.	3.00 per 100

Mum Stock Plants

C. Touset, Early White.....$1.00 per doz.
The following at $1.00 per doz.; $6.00 per 100:
Pink, Glory Pacific, A. J. Balfour, Wm. Duckham, Viviand-Morel, Maud Dean. **White,** Alice Byron, Polly Rose, Ivory, White Jones. **Yellow,** Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.

CASH WITH ORDER.

S. N. PENTECOST
1790-1810 101st St., N. E., CLEVELAND, O.

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Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

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CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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DAISIES

Queen Alexandra, Etoile d'Or, 2½-inch, $2.50 per 100; 3-inch, $5.00 per 100.
FERNS—Elegantissima Barrowsii, 2½-in., $3.00 per 100; **Scottii,** 2½-inch, $2.50 per 100.

P. A. BAKER, Media, Pa.

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ROOTED CUTTINGS

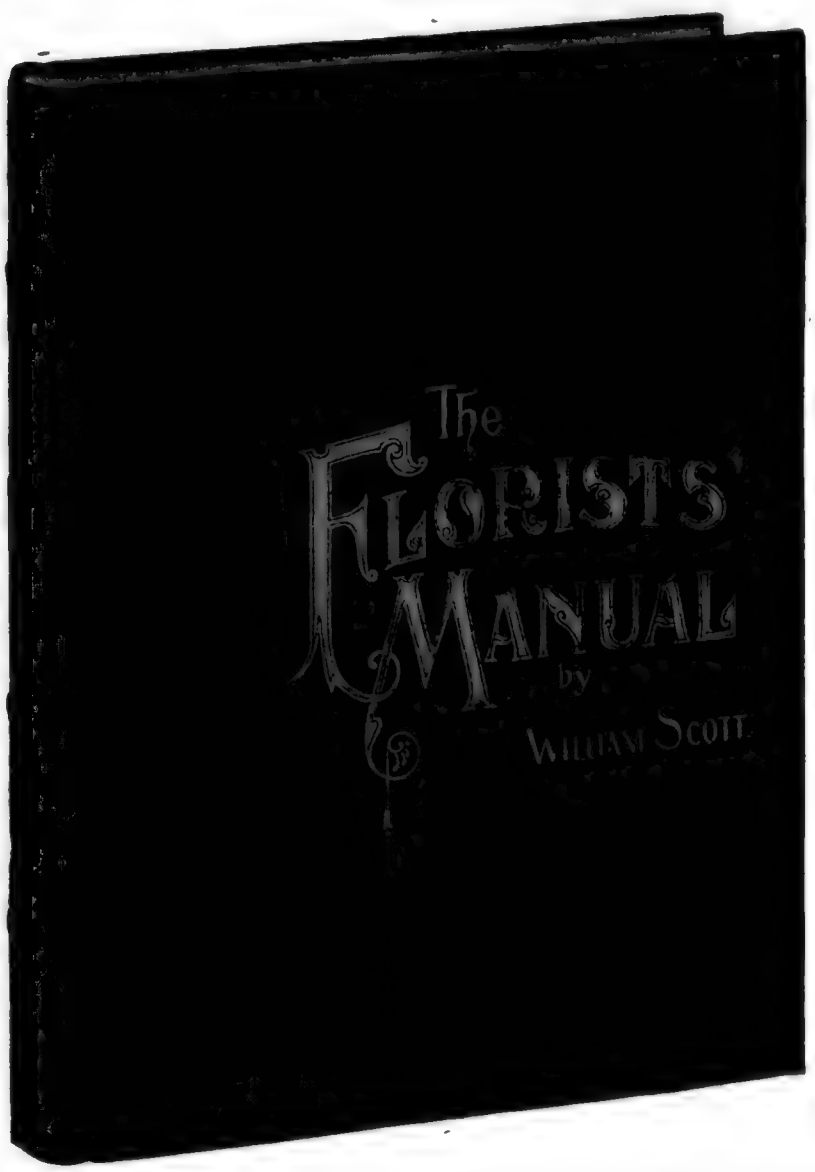
JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

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CHRISTMAS GIFT



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The Florists' Manual

a Business Book For Business Men

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NO SCIENCE, BUT LOTS OF PRACTICAL COMMON SENSE

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No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

TELLS you just what you want to know about every plant that there is any money in for a Commercial Florist.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

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Araucaria Excelsa, 5-in. pot, 50c and 75c each, three to four tiers; 5½-in. to 6-in., $1.00, $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00 to $3.50.

Asparagus Sprengeri, $5.00 per 100.

Begonia Gloire de Lorraine, $6.00, $9.00, $12.00 and $18.00 per doz. Also some larger plants.

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Cash or satisfactory New York references.

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Poinsettias in pans, low plants, $1.00 to $2.00 each.

Roman hyacinths in bloom, $2.50 per box.

Rubbers, 6-in. pots, $6.00 per doz.; 6½-in., branched, $9.00 per doz.; 6½-in. pots, single stem, $8.00 per doz.; 7-in. pots, branched, $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

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Boston Ferns, 8-inch, $1.25 each.
Piersoni Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 5c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Viviand-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

POINSETTIAS

To close, 2½-in., $4.00 per 100.

Hydrangeas, 2½-in.	$3 00 per 100
" 4-in., pot-grown,	$8.00 to 10 00 per 100
" 5-in., pot-grown	20 00 per 100
Variegated Vincas, 2-in.	2.50 per 100
Begonia Sandersoni, 2½-in.	3.00 per 100

Mum Stock Plants

C. Touset, Early White.....$1.00 per doz.
The following at $1.00 per doz.; $6 00 per 100: **Pink,** Glory Pacific, A. J. Balfour, Wm. Duckham, Viviand-Morel, Maud Dean. **White,** Alice Byron, Polly Rose, Ivory, White Jones. **Yellow,** Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.

CASH WITH ORDER.

S. N. PENTECOST
1790-1810 101st St., N. E., CLEVELAND, O.

Mention The Review when you write.

DAISIES

Queen Alexandra, Etoile d'Or, 2½-inch, $2.50 per 100; 3-inch, $5.00 per 100.
FERNS—Elegantissima Barrowsii, 2½-in., $3.00 per 100; **Scottii,** 2½-inch, $2.50 per 100.

P. A. BAKER, Media, Pa.

Mention The Review when you write.

Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

Mention The Review when you write.

Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS
Rutherford, N. J.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

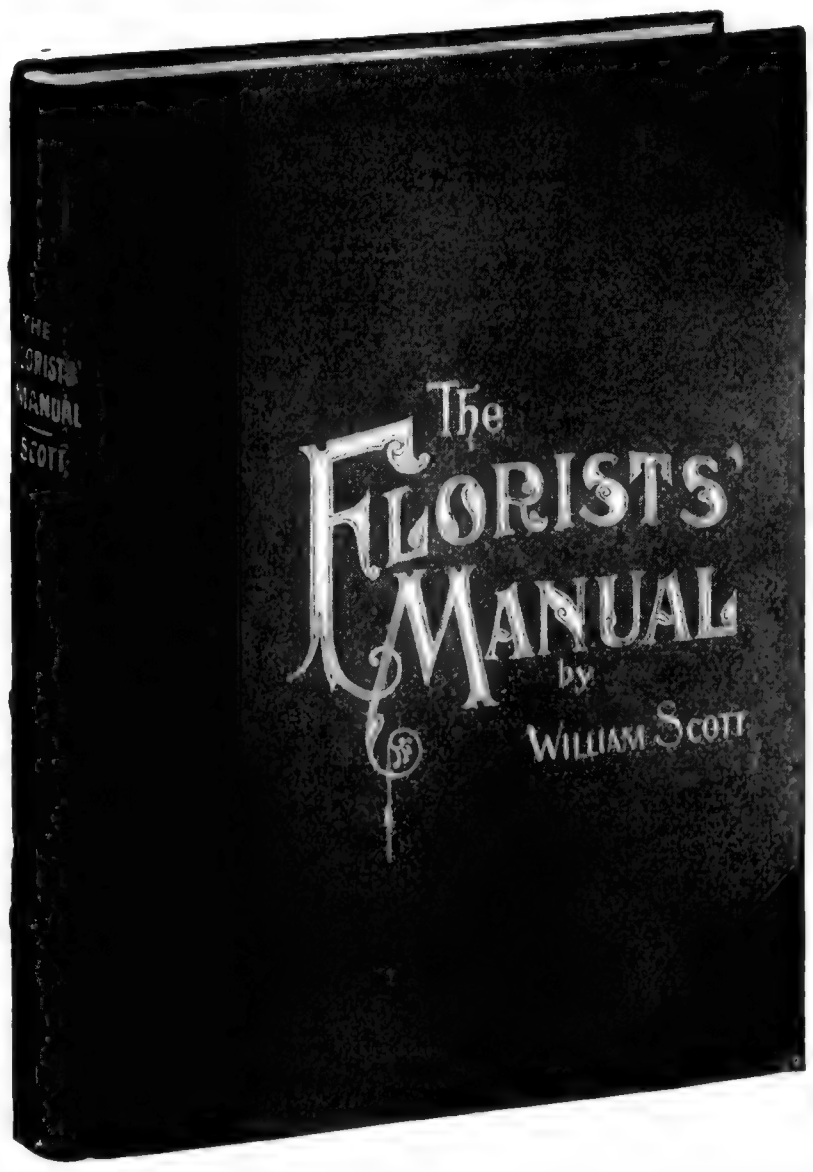
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HOLMESBURG, PHILADELPHIA, PA.

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"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."—J. A. VALENTINE, Pres. Park Floral Co., Denver, Colo.

No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

TELLS you just what you want to know about every plant that there is any money in for a Commercial Florist.

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FLORISTS' PUBLISHING CO., Caxton Building, 334 Dearborn Street, **CHICAGO**

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 402

ADIANTUMS.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6-in. pots, $12.00, $18.00 and $24.00 per doz. Julius Roehrs Co., Rutherford, N. J.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Pauline and Gurney. R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera brilliantissima, original stock, finest red of all, 65c 100. A. nana, 60c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Double alyssum, rooted cuttings, 50c 100; $4.00 1000. H. Stabenow, Reading, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, 6-in. pots, 22 to 26 in. high, $1.50 each.
Stahl's Greenhouses, 12th and Dickinson Sts., Philadelphia, Pa.

ARDISIAS.

Ardisias, well berried for Christmas, all sizes, 75c to $3.00 each.
Julius Roehrs Co., Rutherford, N. J.

ASPARAGUS.

Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
J. Sylvester, Florist, Oconto, Wis.

Asparagus plumosus, 2-in., $3.00 100; 3-in., $6.00 100. Plumosus nanus, 4-in., $1.25 doz. Sprengeri, 2-in., $3.00 100; 3-in., $6.00 100; 4-in., $1.25 doz.; 5-in., $2.00 doz. A. scandens deflexus, 3-in., $1.25 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00. 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

You may be interested in what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advertisements in this week's issue, under the heading of cinerarias.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri, 3-in., strong plants, $3.50 per 100; out of 2-in. pots, $2.00 per 100.
Aug. Luther, R. F. D. 4, Bx. 117, Kansas City, Mo.

Asparagus plumosus nanus and Sprengeri, 2½-in., $3.50; 3-in., $5.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Sprengeri, 5-in., extra strong plants, $10.00 per 100. Fifth Ave. Floral Co., Columbus, O.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus plumosus, 2½-in., $3.00. Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 4-inch, $6.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Asparagus plumosus nanus, 2-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Asparagus plumosus nanus. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus plumosus, 3-in., 5c.
N. Studer, Anacostia, D. C.

ASPIDISTRAS.

Aspidistras, green; 6 to 7-in., 6 to 12 leaves, 5c per leaf.
W. J. & M. S. Vesey, Fort Wayne, Ind.

AUCUBAS.

Aucuba japonica, 3½ ft., $1.50 each.
Wittbold Co., 1657 Buckingham Pl., Chicago.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azalea mollis and Indian azaleas. Sizes and prices are given in display adv.
H. A. Dreer, 714 Chestnut St., Phila.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

Azaleas, in bloom, 75c, $1.00, $1.25 and $1.50 each. Baur Floral Co., Erie, Pa.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

Bay trees and box trees, standards and pyramids.
Wittbold Co., 1657 Buckingham Pl., Chicago.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, in bloom, 6-in. pots, $1.00 each; 7-in. pots, $1.50 each.
Bentzen Floral Co., Grand Ave., St. Louis, Mo.

Begonia Gloire de Lorraine, 4-in., $5.00 doz.; 3-in., $3.00 doz. All in bloom.
A. Jablonsky, Wellston, Mo.

Flowering begonias, 2-in., 2½c. Rex, 3-in., 8c. Cash. Byer Bros., Chambersburg, Pa.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Begonia Sandersoni, 2½-in., $3.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Peppers, fine for Christmas, 3-in., 10c.
Fuhlbruegge Bros., Winona, Minn.

Christmas peppers and Jerusalem cherries, strong, stocky plants, full of fruit and bloom, 5-in. pots, $8.00 100.
H. O. Hannah & Son, Sherman, Tex.

Jerusalem cherries, 12-in. pans, 75c each; 3½-in. pots, $6.00 100.
J. W. Dunford, Clayton, Mo.

BULBS.

Amaryllis Belladonna, small, $1.00 and $2.00; medium, $4.00; large (monster), $5.00 per 100. Amaryllis Aulica, large, $10.00. Amaryllis formosissima, large, $3.00; choice hybrid seedlings, large, $20.00 per 100.
Theodosia B. Shepherd Co., Ventura, Cal.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

White Roman hyacinths, a few cases, 13 to 15, $28.00 per 1000. Nothing better to be had.
J. L. O'Quinn & Co., Raleigh, N. C.

Amaryllis Johnsoni, blooming bulbs, $7.00 per 100; extra size, $10.00 per 100.
C. W. Bakewell, Gretna, La.

Lilium giganteum, 7x9, $55.00 1000. L. multiflorum, 9x11, $9.00 100.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Importers and growers of high grade bulbs.
Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Superfine, single mixed tulips, 60c 100; $4.50 1000. Jas. Vick's Sons, Rochester, N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill.

CANNAS.

Cannas. Alphonse Bouvier, Pennsylvania, Partinope, Paul Marquant, Florence Vaughan, Alemannia, divided, $12.00 per 1000. We are booking orders now for spring delivery out of 2½-in. pots for the above cannas; also for roses, ferns and Vinca var. Write for list and prices. Fairview Floral Co., Beatty, Ohio.

Cannas, dry bulbs, 10 varieties, $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

Carnation Imperial, the variegated seedling, and Pink Imperial, the pink seedling, my own origination. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000; 5% discount for cash. December, 1906, delivery.
John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., New York.

Carnations, A1 rooted cuttings. These prices for December and January delivery. Per 1000:

Enchantress	$20	B. Market	$15
Bountiful	25	Lawson	15
Cardinal	25	Harlowarden	15

100 at same rate. Cash with order.
Smith & Gannett, Geneva, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
Ench'tress	$2.50	$20	Estelle	$2.00	$15
P. Lawson	2.00	15	L. Bountiful	2.00	15
N. Fisher	2.00	15	B. Market	2.00	15
Ind'napolis	1.50	10	Lorna, white	1.50	10

C. A. Kuehn, 1122 Pine St., St. Louis, Mo.

Unrooted carnation cuttings, Gomez, Lawson, Sport, Daybreak, 50c 100. Prepaid.
Wm. Ehmann, Jr., Corfu, N. Y.

Carnations. Rooted cuttings of Enchantress, Nelson Fisher, Bountiful, Lorna, Estelle, White Lawson, Pink Lawson, $2.00 per 100; $18.00 per 1000. White Perfection, $5.00 per 100. Good quality guaranteed. Cash with order.
Fred Stielow, Niles Center, Ill.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Place your order now for January delivery of rooted carnation cuttings of Robt. Craig, Lady Bountiful, N. Fisher, P. Lawson, Enchantress, Harlowarden, and Aristocrat. Every cutting guaranteed. Andrew Peterson, Hoopeston, Ill.

Orders now booked for rooted cuttings of carnations, January, 1907, delivery. Rose-pink Enchantress, $7.00 100, $60.00 1000. Helen Goddard, $6.00 100, $50.00 1000.
W. B. Girvin, Leola, Pa.

Carnation rooted cuttings of Mrs. Fisher, the best outdoor white on the market. Strong, healthy cuttings ready now, $1.50 per 100; $12.50 per 1000.
Geo. Holst, Jr., Flushing, N. Y.

Carnations, rooted cuttings for January, 1907, delivery. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation Pocahontas (crimson), to be disseminated next winter. Price, $12.00 100; $100.00 1000. Write us.
Baur & Smith, Indianapolis, Ind.

Enchantress, strong, healthy rooted cuttings, $2.00 100; $18.00 1000. Price list of other varieties free.
Sunnycrest Greenhouses, Phenix, R. I.

Strong, well-rooted carnation cuttings of all the best kinds. Varieties and prices given in display adv.
Chas. Dauernheim, Jr., Kimmswick, Mo.

Rooted carnation cuttings for immediate delivery. Display adv. gives list of varieties and prices. Loomis Carnation Co., Loomis, Cal.

Queen, best standard white, summer or winter. Well rooted cuttings, $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Well-rooted carnation cuttings, also unrooted, of all the best varieties. See display adv. for offer. Loomis Floral Co., Loomis, Cal.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000. Jan. delivery.
S. S. Skidelsky, 824 N. 24th St., Phila.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Red Riding Hood, the new scarlet for 1907, also all the other novelties and standards.
Chicago Carnation Co., Joliet, Ill.

Carnation Helen Goddard. Orders booked for rooted cuttings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000. January delivery.
Rudolph Fischer, Great Neck, N. Y.

Carnation pink sport of Enchantress, rooted cuttings, $6.00 100; $50.00 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv.
Valley View Greenhouses, Marlboro, N. Y.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Carnation Helen Goddard, rooted cuttings ready Jan. 1, $50.00 1000.
Geo. E. Buxton, Nashua, N. H.

Well rooted carnation cuttings, healthy. Write for price list, terms, etc.
Hermitage Carnation Co., Loomis, Cal.

Send for list of new carnations and the leading commercial varieties.
Wm. Swayne, Kennett Square, Pa.

Carnation cuttings. Leading varieties. Write for prices. Wm. Winter, Kirkwood, Mo.

Field-grown carnations, Norway, $3.00 100.
J. W. Dunford, Clayton, Mo.

Rooted carnation cuttings. See display adv.
Henry Baer, Peoria, Ill.

CHRISTMAS PLANTS.

Gloire de Lorraine, finest quality; Pandanus Veitchii, finely colored; Boston and Scottii ferns; poinsettias, in pans and cut. Order now.
J. A. Peterson, Westwood, Cincinnati, O.

Blooming plants for Christmas. See display for what I have to offer.
C. Whitton, City St., Utica, N. Y.

Celestial peppers, 5-in., 25c; 7-in., 50c; 8-in., $1.00 each. Jerusalem cherries, 5-in., 25c; 6-in., 50c. Romans, 5-in., 25c. Paper Whites, 5-in., 25c; 6-in., 40c. Fifty 10-inch Bostons, worth $4.00, for $2.50 each or $25.00 dozen. A very fine lot of Elegantissima, Barrowsii, Piersoni, Scottii, Whitmani and Boston ferns in 4, 5 and 6-in. pots. Chinese primroses, P. obconica and Baby primroses, 4-in., $12.50. Rex begonias, 4-in., $15.00. Write for new price list. Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

WE WANT TO GET RID OF THESE STOCK MUMS, merely to get the room. AS AN INDUCEMENT WE WILL SLAUGHTER 5000 at these rates: Polly Rose, Merstham Yellow, Robinson, Appleton, Duckham, Enguehard, Nellie Pockett, Leila Filkins, White and Yellow Bonnaffon, Maud Dean, Yellow Eaton, $3.00 per 100; $20.00 per 1000. Undivided stools. No less than 50 at 100 rate or 250 at 1000 rate.
NOVELTIES: Alice Byron, C. Touset, Jeanne Nonin, Roi d' Italie, $5.00 per 100. Stock limited. Order quick.
CASH.
HARLOWARDEN GREENHOUSES,
GREENPORT, N. Y.

Small mum growers! Here you will find some money-making stock plants. Fine clumps to close out at 60c per doz., $5.00 per 100.

Pink.	White.
Dr. Enguehard	C. Touset, early
Pink Ivory	Chadwick, late
Maud Dean	Ivory
Yellow.	Eaton
Rieman	White Bonnaffon
Bonnaffon	J. Jones
Appleton	Jeanne Nonin, fine
Y. Eaton	
G. Wedding, late	

Spach-Denison Co., New Philadelphia, O.

Chrysanthemum stock plants. C. Touset, white, $1.25 per doz.; $10.00 per 100. Jeanne Nonin, white, 25c each; $3.00 per doz. Wanamaker, white, 4c each; $3.00 per 100. Major Bonnaffon, yellow, 4c each; $3.00 per 100. T. Eaton, white, 4c each; $3.00 per 100. Yellow Eaton, 4c each; $3.00 per 100. W. H. Chadwick, white and yellow, 6c each; $5.00 per 100. Polly Rose, 4c each; $3.00 per 100. October Sunshine, yellow, 4c each; $3.00 per 100. Omega, yellow, $1.00 per doz.; $7.00 per 100. Cash. Math. Evert, 58-60 Wabash Ave., Chicago.

HEALTHY STOCK PLANTS.

Jeanne Nonin	Golden Age
T. Eaton	Appleton
W. Bonnaffon	W. H. Chadwick
Ivory	Marie Liger
Bergmann	Enguehard
Y. Bonnaffon	Lady Harriett
Oct. Sunshine	A. J. Balfour.
Golden Wedding	5c each. Cash.

October Frost, 50c.
H. PAYNE, Hinsdale, Ill.

Chrysanthemum stock plants. Nonin, Mrs. Buckbee, Mrs. Baer, Wm. Duckham, Golden Wedding, 75c per doz. Appleton, Chadwick, Parr, Ivory, Pink Ivory, Intensity, J. K. Shaw, Bonnaffon, Monrovia, Maud Dean, Mrs. J. Jones, G. Kalb, Mrs. Robinson, Mrs. Perrin, Niveus, Rieman, S. Beauty, Snow Queen, Timothy Eaton, Yellow Eaton, 60c per doz.; $4.00 per 100.
Andrew Bather, Clinton, Iowa.

Chrysanthemum stock plants. Monrovia, Pacific, Estelle, Halliday, White Ivory, Appleton, Enguehard, Yellow and White Eaton, Queen, White Bonnaffon, Elmer D. Smith, V.-Morel, Blackhawk, $4.00 per 100. Yellow and White Chadwick, Merchant's Yellow, $6.00 per 100. Touset and Nonin, $7.00 per 100.
Fifth Ave. Floral Co., Columbus, O.

Chrysanthemum stock plants of the following varieties, $4.00 per 100. Kalb, Glory of Pacific, Polly Rose, Pink Ivory, White Ivory, Wm. Duckham, Maud Dean, Marie Liger, Dr. Enguehard, A. J. Balfour, Alice Byron and R. Halliday. W. H. & C. B. Newman, Akron, N. Y.

To clean out benches by 10th of January, for lettuce, will close out chrysanthemum stock plants. Appleton and W. Chadwick, $2.50. Richardson, Robinson, Maud Dean and Marion Newell, $1.75 per 100. Cash with order.
W. C. Scovell, Malta, O.

Stock plants. Touset, Nonin, the money-makers as we have found them, 75c per doz.; $5.00 per 100; $40.00 per 1000. Pacific, Estelle, Willowbrook, Halliday, Kalb, L. Harriett, 60c per doz.; $4.00 per 100.
Eggeling Floral Co., St. Louis, Mo.

Strong, healthy chrysanthemum stock plants. T. Eaton, Bonnaffon, R. Halliday, Whilldin, Appleton, M. Bailey, G. Pacific, Cremo, 50c doz.; $3.00 per 100. Cash with order, please.
Green & Baylis, West Grove, Pa.

Chrysanthemums. Stock plants of Mrs. Robinson, Y. Bonnaffon, Peabody, Black Hawk, Modesto, R. Halliday, H. Parr, $3.00 100. Cash.
E. D. Kaulback & Son, Malden, Mass.

Chrysanthemum stock plants. The Queen, a fine, early white, will bloom Oct. 15, $5.00 per 100. Also several other good kinds.
Jas. Hain, 2250 W. 51st Pl., Chicago.

Chrysanthemum stock plants. Wm. Duckham, Enguehard, Silver Wedding, Jones, Marie Liger, Appleton, Ivory, 50c per doz.
J. T. Goodlive, Zanesville, O.

Chrysanthemum stock plants. Polly Rose, Glory of Pacific, Alice Byron, Ivory, Monrovia, Geo. W. Childs, Col. Appleton, Yellow and White Eaton, Bonnaffon, Mrs. J. Jones, Wm. Duckham, Dr. Enguehard, Leila Filkins, 5c each. Jeanne Nonin, $1.00 per doz.
Maurice J. Brinton, Christiana, Pa.

Stock plants from bench, Clementine Touset, Jeanne Nonin, W. H. Chadwick, Golden Chadwick, $6.00 per 100.
F. R. Hills, 1000 N. 8th Ave., Maywood, Ill.

Chrysanthemum stock plants. White Ivory, white and yellow Bonnaffon, $3.00 per 100. Cash with order.
H. K. Lewis, Collingdale, Pa.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

10,000 fine White Ivory chrysanthemum clump plants for sale, $4.00 per 100; $35.00 per 1000. Cash with order. G. W. Renard, Avondale, Pa.

Chrysanthemum October Frost. Orders taken for rooted cuttings, $6.00 per 100; 2½-in. pots, $8.00 per 100. A. C. Canfield, Springfield, Ill.

Chrysanthemum stock plants. List of standard varieties and prices are given in display adv. Eli Cross, Grand Rapids, Mich.

Chrysanthemum stock plants. 1000 Jeanne Nonin, finest late white, $7.00 per 100. Cash with order. Wm. Keir, Pikesville, Md.

Our new chrysanthemum list of novelties is ready. We should like to send you a copy.
The E. G. Hill Co., Richmond, Ind.

Stock plants of Enguehard, Jones, Appleton, C. Touset, Alice Byron and Nonin, 75c doz.
McCaslin Bros., Zanesville, O.

Chrysanthemum stock plants. Leading varieties and prices are given in display adv.
S. N. Pentecost, 101st St., Cleveland, O.

Chrysanthemum stock plants, $4.00 and $6.00 100. See display adv. for varieties.
Crabb & Hunter Co., Grand Rapids, Mich.

Chrysanthemum stock plants, $5.00 100. Rooted cuttings, $12.50 1000.
J. D. Brenneman, Bx. 24, Harrisburg, Pa.

Chrysanthemum stock plants. Display adv. gives varieties and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Stock mums, Maj. Bonnaffon and Col. Appleton, $2.00 per 100.
Ernsberger Bros., Decatur, Ind.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, best varieties, $1.00 per doz. Baur Floral Co., Erie, Pa.

Chrysanthemum stock plants, 75c doz.; $5.00 100. C. Humfeld, Clay Center, Kan.

Chrysanthemum stock plants. See display adv.
Henry I. Faust, Merion Station, Pa.

CINERARIAS.

Please discontinue our adv. for CINERARIAS. That little adv. sold for us between 4,000 and 5,000 cinerarias.—The Stover Floral Co., Grandville, Mich., Dec. 18, 1906. Have YOU any surplus stock you wish to dispose of?

Giant cinerarias, Benary, Cannell and Sutton's strains, the finest in the world, 2½-in., $2.00; 3-in., $3.00; 4-in., $5.00 per 100. Cash.
Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias, large-flowering, dwarf, for Easter bloom, 2-in., $1.50 per 100.
J. W. Miller, Carlisle, Pa.

Cinerarias, prize strain, 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cinerarias. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

CLEMATIS.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

Large-flowered clematis, 18c.
W. H. Salter, Rochester, N. Y.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Please discontinue our adv. for CINERARIAS. That little adv. sold for us between 4,000 and 5,000 cinerarias.—The Stover Floral Co., Grandville, Mich., Dec. 18, 1906.

Coleus, fine varieties, 2-in., 2c. R. C., 70c 100, prepaid. A. J. Baldwin, Newark, O.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

CROTONS.

Crotons, 3-in., $5.00 100.
Springfield Floral Co., Springfield, O.

CYCAS.

Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

CYCLAMEN.

Cyclamen showing bud, 3-in., $5.00 per 100, 300 for $10.00; 4-in., $8.00; 5-in., $15.00 per 100. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

10,000 Dahlia A. D. Livoni, the best forcer; just the thing to fill mum benches. Large divided field clumps, $4.00 per 100. Also other kinds. Cash.
H. W. Koerner, Sta. B, Milwaukee, Wis.

Dahlias, 85 varieties from 4c to 75c per clump; some very rare ones. Large undivided field clumps, pure and true to name.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias, named varieties, many rare. Send for list. Adams Supply Co., Lowell, Mass.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

DAISIES.

DAISIES, fine strong stock for Easter pot plants or spring-flowering. CASH PRICES.
Queen Alexandra, new white, 2x2½-in., $2.50 and $3.00 per 100.
Etoile d' Or, yellow, 2½-in., $2.50 per 100.
Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Daisies, best varieties. See display adv.
C. Eisele, 11th & Roy, Philadelphia.

Daisies, 2½-in., $2.50; 3-in., $5.00 100.
P. A. Baker, Medina, Pa.

Dbl. daisies, $2.50 1000. Cash.
Byer Bros., Chambersburg, Pa.

Yellow daisies, 4-in., 6c.
Rutledge Nurseries, Rutledge, Pa.

DRACÆNAS.

400 Dracaena indivisa, strong, 4-in., pot-grown, 32 in. high, ready for 5-in.; $12.00 per 100. Cash with order.
F. E. Bauers, 89 Broadview Ave., Brooklyn, Sta., Cleveland, O.

Dracaena fragrans and indivisa. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Dracaena indivisa, strong, 3-in., $6.00; 4-in., $12.00 100; 6-in., 50c each.
John Walker, Youngstown, Ohio.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

FEVERFEW.

Feverfew Little Gem, rooted cuttings, $1.00 per 100; $8.00 per 1000.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

FERNS.

FERNS OUR SPECIALTY.
CIBOTIUM SCHIEDEI.
We have a grand stock of this magnificent tree fern in all sizes, 3-in. pots, $25.00; 4-in. pots, $45.00; 5-in. pots, $70.00 per 100 plants; 7-in. pots, $1.70 each; 8-in. pots, $2.50 each.
Assorted ferns from 2¼-in. pots, all the best market varieties, $3.00 per 100, $25.00 per 1000 plants; 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2-in. pots, $3.50; 4-in. pots, $12.00 per 100. A. rhodophyllum, 4-in. pots, $25.00 per 100. A. Lathomi, 4-in. pots, $20.00 per 100. A. reginum, 4-in. pots, $35.00 per 100.
Fern spores gathered from our own stock plants, 35c per trade pkt.; $4.00 per doz. packets.
ANDERSON & CHRISTENSEN, Short Hills, N. J.

Boston, Piersoni, Elegantissima, Scottii, Whitmani and holly ferns. Sizes and prices of varieties are given in display adv.
Springfield Floral Co., Springfield, O.

Ferns. Bostons from bench, 2½-in., 2½c; 3-in., 5c; 6-in., 25c; 8-in., 40c. Pots, 2½-in., 3c; 4-in., 12c.
Piersoni, 3-in., 8c.
Barrowsii, from bench, 3-in., 5c; 4-in., 15c; 6-in., 40c. Pots, 4-in., 20c.
A. J. Baldwin, Newark, Ohio.

Boston ferns, fine, large, 4-in., pot-grown, $12.00 per 100. From bench, for 4-in., $10.00 per 100, $90.00 per 1000; for 5 and 6-in., $20.00 per 100. Elegant stock in A1 condition. Cash with order.
F. W. Heckenkamp, Jr., Quincy, Ill.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

Pteris magnifica, Pteris serrulata cristata, Pteris albo-lineata, Pteris Wimsetti and Pteris Ouvrardi, $3.00 per 100, $25.00 per 1000.
Boston, Scottii and Piersoni ferns, 3-in. $8.00, 4-in. $15.00, 5-in. $25.00, 6-in. $40.00 per 100.
J. F. Wilcox, Council Bluffs, Ia.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

Ferns. Scotti, 4-in., very fine, $15.00 per 100; Boston, 3-in., ready for 4-in., $5.00 per 100; Adiantum cuneatum, 4-in., $15.00 per 100.
Inglewood Nurseries, Inglewood, Cal.

Ferns for ferneries, all the best varieties, extra fine stuff, 3c. Western florists: Buy here and save express charges.
W. W. Seekins, Duluth, Minn.

Ferns for fern dishes. All the leading varieties, from 2 and 2½-in. pots, $3.00 per 100; $25.00 per 1000.
Evenden Bros., Williamsport, Pa.

1000 Boston and Piersoni ferns, 5 and 6-in., low and must be sold. See my display adv. in this issue. Benj. Connell, West Grove, Pa.

Ferns. Elegantissima, 4-in., 15c; 5-in., 30c. 2½-in., $5.00 per 100. All pot-grown and full.
C. W. Bakewell, Gretna, La.

Bostons and Scottii, bench-grown; and Bostons, pot-grown. See adv. on cover page.
Baur Floral Co., Erie, Pa.

Fine Boston ferns from bench, $5.00 and $10.00 per 100. Satisfaction or money back.
U. G. Harglerode, Shippensburg, Pa.

Ferns. 10,000 Piersoni, Scottii and Bostons. Al sizes. See display for prices.
J. D. Brenneman, Box 24, Harrisburg, Pa.

We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
Janesville Floral Co., Janesville, Wis.

Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
J. W. Dunford, Clayton, Mo.

Boston ferns, 8-in. pans, $1.50 each, $15.00 doz.; 6-in. pans, 50c each.
A. Jablonsky, Wellston, Mo.

Elegantissima and Barrowsii, 2½-in., $3.00. Scottii, 2½-in., $2.50 100.
P. A. Baker, Media, Pa.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns. Piersoni runners, 3c; Elegantissima, 5c. From bench, 50c.
Shearer, The Florist, Winchester, Ky.

To clear bench. 1000 Boston ferns ready for 2-in. pots, fine, 5c.
J. Ed. Smith, R. 3, Box 18, Greensboro, N. C.

Ferns in all varieties and sizes. See display adv. for prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Ferns, all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Boston and Tarrytown ferns. See display adv. Byer Bros., Chambersburg, Pa.

Nephrolepis Elegantissima, 2½-in., $5.00 100.
Storrs & Harrison Co., Painesville, Ohio.

Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Nephrolepis Whitmani, 2¼-in., $25.00 100.
H. H. Barrows & Son, Whitman, Mass.

Nephrolepis Bostoniensis and Scottii.
John Walker, Youngstown, O.

Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Boston ferns, 5-in., 20c; 6-in., 25c.
C. Eisele, 11th & Roy, Phila., Pa.

Ferns. Write for our new list.
Geo. A. Kuhl, Pekin, Ill.

Boston and Piersoni ferns.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Ferns. See display adv.
National Plant Co., Dayton, O.

FEVERFEW.

Feverfew, rooted cuttings, 75c 100. Cash.
Converse Greenhouses, Webster, Mass.

FUCHSIAS.

Fuchsia Little Beauty, strong 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Double fuchsias. R. C., 60c 100; $5.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

GERANIUMS.

Geraniums, strong, well rooted, fall cuttings. Trego, Mme. Jaulin, Beaute Poitevine and Jean Viaud, $1.50 per 100; $12.50 per 1000. S. A. Nutt, La Favorite, Dble. Grant, Mme. Thibaut and rose geranium (sweet scented), $1.25 per 100; $10.00 per 1000. Mme. Salleroi (silverleaf), $1.00 per 100; $8.00 per 1000. Cash, please. Hugo Book, Worcester, Mass.

Geraniums, the following "Six Kings": S. A. Nutt (deep scarlet), A. H. Trego (scarlet), Peter Henderson (bright scarlet), Beaute Poitevine (salmon), Jean Viaud (pink), Mme. Buchner (white), all semi-double, strong top cuttings, well rooted, $1.75 per 100; $16.00 per 1000. Cash. The W. T. Buckley Co., Springfield, Ill.

Geraniums, ready for immediate delivery. Varieties and prices are given in display adv. We shall be pleased to send you our geranium catalogue and to figure on your wants.
R. Vincent Jr. & Son, White Marsh, Md.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100.
St. Clair Floral Co., Belleville, Ill.

Good, strong, well rooted geranium cuttings, Paul Bruant and Buchner, $1.00 per 100, while they last. Cash with order. Logan Ave. Greenhouses, 1227 Logan Ave., Danville, Ill.

You may be interested in what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advertisements in this week's issue. under the heading of cinerarias.

100,000 geraniums, 12 varieties. Large, 2-in., $17.00 per 1000. Large unrooted cuttings of D. Grant and Bruant, $6.00 per 1000.
Wm. S. Herzog, Morris Plains, N. J.

Geraniums. Well rooted cuttings of S. A. Nutt, John Doyle and Castellane, $1.25 per 100, $10.00 per 1000. Cash with order.
C. B. Shisler, Williamsville, N. Y.

Geranium Ora D. Hill, rooted cuttings, $4.00 per 100; $30.00 per 1000. Ready now.
E. C. Hill, Erie, Pa.
S. S. Skidelsky, 824 N. 24th St., Phila.

Geraniums, best varieties, 2½-in., $15.00 per 1000. Send for list.
J. C. Schmidt Co., Bristol, Pa.

Geraniums, young, stocky, 2-in. plants, $2.50 100; $20.00 1000.
Baur & Smith, Indianapolis, Ind.

Geraniums, rooted cuttings, $1.25 100. Ivy, $1.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Mme. Salleroi geraniums, $1.25 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Geraniums, 2-in., five best sorts, 2c. Cash.
Byer Bros., Chambersburg, Pa.

GLADIOLI.

Groff's best hybrid, per 1000	$ 7.00
Selected florists' light, per 1000	14.50
Standard florists' mixed, per 1000	10.00
Lemoine's new Butterfly, per 1000	8.50
New blue hybrids, per 100	4.50
May, per 1000	10.50
Fancy mixed, per 1000	6.50

Good bulbs. Cash.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

Gladioli for forcing. America, flesh pink, $10.00 100, $75.00 1000; Shakespeare, light, $5.00 100, $40.00 1000; Nezinscott, red, $3.50 100, $30.00 1000. White and light, mixed, good, $1.50 100, $12.00 1000; extra, $3.00 100, $25.00 1000. 250 at 1000 rate. 8% discount for cash with order.
John Lewis Childs, Floral Park, N. Y.

Did you read what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advs. in this week's issue, under the heading of cinerarias?

May No. 1, $10.00 per 1000. Groff's hybrids, extra large-flowering, stock direct from Groff, $5.00 per 1000. Cash.
P. O. Coblentz, New Madison, O.

Gladiolus Augusta, 1st size, $12.00; 2nd size, $8.00 1000. Cash.
Rowehl & Granz, Hicksville, N. Y.

Cushman Gladiolus Co., Sylvania, Ohio, offers standard mixed and hybrid seedling bulbs.

Gladioli as good as the best. Nothing better.
C. Betscher, Canal Dover, Ohio.

Gladioli. Finest stock in the world.
Arthur Cowee, Berlin, N. Y.

3000 Gladiolus May, choice, extra large bulbs, $10.00 per 1000.
W. Frank & Sons, Portland, Ind.

Augusta, small sizes, $2.00 to $4.50 per 1000.
John Fay Kennell, Chili, N. Y.

See display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

HARDY PLANTS.

If you are looking for some extra nice 2 to 3 inch silver maples, 2 to 3 inch laurel-leaf willows, 2 to 5 inch Carolina poplars, 1½ to 2½ inch Russian olives, 8 to 10 and 10 to 12 foot white birch, 3 to 4 foot golden willows, 2 to 4 inch box elder, write us. We have lots of them.
The Newburys, Mitchell, So. Dak.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

We are headquarters for all the latest and best hardy perennials. We shall be pleased to mail you our catalogue. Royal Tottenham Nurseries, Dedemsvaart, Holland.

Large trees of oaks, maples, pines and hemlocks. We have a full line of all nursery stock and can fill orders promptly.
Andorra Nurseries, Chestnut Hill, Philadelphia.

Mertensia virginica, hardy perennial, beautiful blue in color; blooms early, fine for massing, $3.00 per 100.
A. H. Dailey, Knoxville, Tenn.

An immense stock of both large and small size evergreen trees in great variety; also evergreen shrubs.
The Wm. H. Moon Co., Morrisville, Pa.

Trees and shrubs, immense quantities. Price list on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Wholesale growers of nursery stock for the American trade. Catalogue on application.
H. Den Ouden & Sons, Boskoop, Holland.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. Smith Co., Geneva, N. Y.

Trees, shrubs, and evergreens in good assortment. Catalogue for the asking.
H. T. Jones, Elizabeth, N. J.

English manetti, gooseberries and ornamentals for florists and nurserymen.
H. Frank Darrow, P. O. Box 1250, New York.

Viburnum plicatum all sizes, spiraeas, deutzias, etc. Write for prices.
Conard & Jones Co., West Grove, Pa.

Herbaceous plants, field-grown. Send for list.
Elizabeth Nursery Co., Elizabeth, N. J.

Evergreen trees and other hardy stock.
J. T. Lovett, Little Silver, N. J.

Hardy pinks, field, 3½c. Cash.
Byer Bros., Chambersburg, Pa.

Fruit and ornamental trees.
Gilbert Costich, Rochester, N. Y.

HELIOTROPES.

Heliotropes (dark), good stock, strong and well rooted, R. C., 60c 100; $5.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dwarf varieties, 2-in., $2.50. Rooted cuttings, $1.00 per 100.
N. O. Caswell, Delavan, Ill.

HIBISCUS.

Hibiscus, field plants, Moscheutos, $3.00 100; $25.00 1000. Crimson Eye, $2.50 100.
Springfield Floral Co., Springfield, O.

Hibiscus, 2-in., $2.50 100.
National Plant Co., Dayton, O.

HOLLY.

Rhododendron maximum, 6 to 12 in., $8.00 per 100. 500 English holly, 4 to 12 in., $18.00 per 100.
B. D. Chestnut, 510 6th Ave., Seattle, Wash.

Holly, per case, $4.25 to $4.75. Holly wreaths, $12.00 and $15.00 per 100.
Scranton Florist Supply Co., Scranton, Pa.

Holly and holly wreaths. Write for prices.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Holly, heavily berried, 2x2x4 crate, $2.50.
E. Sanderson, Eutaw, Ala.

HYDRANGEAS.

Hydrangea Otaksa, clean, healthy and well shaped, field and pot-grown. Our adv. on front cover gives prices. Baur Floral Co., Erie, Pa.

The new hydrangea, Arborescens grandiflora alba. See adv. on cover page.
The E. G. Hill Co., Richmond, Ind.

Hydrangeas, 2½, 4, 5-in. See display adv. for prices.
S. N. Pentecost, 101st St., Cleveland, O.

Hydrangea Thos. Hogg, field-grown plants, $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

Hydrangea P. G., $7.00 100.
Elliott & Sons, 201 Fulton St., New York.

IVY.

Hardy English ivy, 4-in., $1.50 doz.; $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

German ivy. R. C., 50c 100; $4.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Hardy English ivy from 3-in., 4c.
Rutledge Nurseries, Rutledge, Pa.

English ivy, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

LILY OF THE VALLEY.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

High-grade valley. Early giant forcing. Per 100, $1.50; 1000, $14.00; case of 2500, $34.50.
Currie Bros. Co., Milwaukee, Wis.

Lily of the valley pips, Berlin or Hamburg, extra fine quality. Send for prices.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Lily of the valley, early-forcing pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1409 Madison St., Chicago.

Lily of the valley pips, finest quality for early and late forcing.
H. Frank Darrow, Box 1250, New York.

MANETTI STOCKS.

Manetti stocks for florists' use. Best French grown. Sizes and prices are given in display adv. Jackson & Perkins Co., Newark, New York.

Manetti rose stocks. Special, selected grade for florists. Write for prices.
Thos. Meehan & Sons, Inc., Dreshertown, Pa.

Manetti, 3/16 to ¼-in., $10.00; ⅛ to 3/16-in., $7.50 1000. H. T. Jones, Elizabeth, N. J.

English Manetti for florists and nurserymen.
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Manetti stocks, $9.00 100.
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Manetti stocks for florists.
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The best mistletoe grows in New Mexico. Sprays are heavily berried. Write for prices.
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Mistletoe, well-berried; yapon and wild smilax. Wm. C. Steele, Alvin, Tex.

Mistletoe, well berried with perfect foliage.
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Mistletoe, fancy stock, $2.20 per case.
Pittsburg Cut Flower Co., Ltd., Pittsburg, Pa.

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Lambert's pure culture mushroom spawn has never failed to run. Practical instructions on mushroom culture mailed free if you mention The REVIEW.
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English mushroom spawn. Full particulars and information on mushroom culture free if you mention The Florists' Review.
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Tissue-culture pure spawn. Seven varieties. Write for our booklet. It's free.
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High-grade mushroom spawn always on hand.
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Reliable English mushroom spawn.
H. F. Michell Co., 1018 Market St., Phila.

Pure culture mushroom spawn.
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Weeping mulberries, strong, 1-yr.-old heads, grafted, 5 to 6 ft., $45.00 per 100.
Aralia japonica, 4 to 6 ft. high, $20.00 per 100; 6 to 8 ft. high, $25.00 per 100.
Catalpa Bungei, 2 and 3-yr. heads, grafted, 7 ft. high, $40.00 per 100.
Lilac Charles X, on own roots, 4 yrs. old, 3 to 4 ft., $18.00 per 100; 4 to 5 ft., $20.00 per 100.
Barberry Thunbergi, 5 yrs. old, good, heavy stock, 2½ to 3 ft., $25.00 per 100.
Privet Amurense, bushy plants, 4 to 5 ft., $25.00 per 100; 3 to 4 ft., $18.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

Deciduous trees and shrubs. Send for price list. Cottage Gardens Co., Queens, N. Y.

ORCHIDS.

Orchids. A large importation in perfect condition just received.
Carrillo & Baldwin, Secaucus, N. J.

Orchids for immediate and spring delivery.
A. Held, 11-19 William St., New York.

Orchids, established and semi-established.
Julius Roehrs Co., Rutherford, N. J.

Orchids, all varieties.
Lager & Hurrell, Summit, N. J.

PALMS, ETC.

Kentia Belmoreana and Forsteriana, 4-in., five leaves, 12 to 18 in. high, $20.00 per 100.
Inglewood Nurseries, Inglewood, Cal.

Kentia Forsteriana, Belmoreana, Cocos Weddelliana, all sizes. See display adv. for prices.
G. Aschmann, 1012 Ontario St., Phila.

Phoenix Roebelenii, seedlings, $5.00 100, $40.00 1000. It's a grand palm.
John Lewis Childs, Floral Park, N. Y.

Livistona rotundifolia, well-leaved and clean, $6.00, $9.00 and $12.00 per doz.
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Latania Borbonica, 4-in., $15.00 100. Kentia Belmoreana, 5-in., $60.00 100.
Storrs & Harrison Co., Painesville, O.

Kentia palms, 4-in., extra strong, 3 and 4-in. pot, $35.00 per 100.
Fifth Ave. Floral Co., Columbus, O.

We have some fine specimen kentias and other decorative plants.
Bobbink & Atkins, Rutherford, N. J.

All sizes and varieties of palms. See display adv. Wittbold Co., 1657 Buckingham Pl., Chicago.

Pandanus Veitchii, all sizes, $1.00 to $3.50 each. J. W. Young, Germantown, Phila., Pa.

Pandanus Veitchii, rooted cuttings, $12.00 per 100. Henry S. Pennock, Neptune, Fla.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
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Large-flowering pansy plants, 50c 100; $3.00 1000. Cash. Jos. H. Cunningham, Delaware, O.

Pansy plants. See display adv.
F. A. Baller, Bloomington, Ill.

PEONIES.

PEONY SINENSIS.	100	1000
In 20 fine named varieties	$4.50	$40
In 10 fine named varieties	4.00	35
Mixed, many fine sorts	2.75	25

Rudolph van Til & Co., Hillegom, Holland.

Peonies. Queen Victoria (Whitleyii), $9.00 per 100; Festiva maxima, $30.00 per 100; Fragrans, the bloom producer, $6.00 per 100. For other varieties and 1000 rate, write
Gilbert H. Wild, Sarcoxie, Mo.

Wholesale grower of peonies. List of 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies a specialty. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 1200 sorts. Greatest list anywhere.
C. Betscher, Canal Dover, Ohio.

PETUNIAS.

You may be interested in what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advertisements in this week's issue, under the heading of cinerarias.

POINSETTIAS.

Poinsettias in pans and pots. All sizes, from single in 3-in. to six in 8-in., from 12½c to 30c per bract, according to size. Write me your needs and let me quote you.
F. R. Hills, 1000 N. 8th Ave., Maywood, Ill.

Poinsettias, stock plants, $5.00 100.
J. D. Brenneman, Bx. 24, Harrisburg, Pa.

Poinsettias, 2½ in., $4.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

PRIMULAS.

Primula obconica, all colors and varieties, mostly in bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100.
Buttercup, full of buds and flowers, 3-in., $5.00; 3½-in., $7.00 per 100.
Chinese, all the best strains, 3-in., $5.00; 4-in., mostly in bud and bloom, $10.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Chinese primroses, A1, in bud and bloom, 5-in. pots, shipped with or without pots, $2.00 per doz.
Wm. McMurray & Son, Wapakoneta, Ohio.

Primula obconica, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Primula obconica, 2½-in., 3c; 3-in., 4c. Chinese, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

Chinese primroses, good, strong plants, 3½-in., $5.00 per 100.
Rode Bros., Bowling Green, Ohio.

Chinese primroses, good, strong plants, 3-in., $5.00 per 100. Krueger Bros., Toledo, Ohio.

PRIMULAS—Continued.

Chinese primroses, 4-in., 8c. Obconica, 4-in., 6c. In bud and bloom. J. H. Ziegler, Rowenna, Pa.

Chinese and obconica primulas. See display adv. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

PRIVET.

Privet Amurense, bushy, 4 to 5 ft., $25.00; 3 to 4 ft., $18.00 100.
Klehm's Nurseries, Arlington Heights, Ill.

California privet, all sizes.
J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendrons, bushy, leading forcing var., 18 to 20 in. high, $9.00; 20 to 24 in., $12.00 doz. Storrs & Harrison Co., Painesville, O.

Rhododendrons, plants with 12 buds and more, $1.00 each; $11.00 doz.; $90.00 100.
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ROOTED CUTTINGS.

For rooted cuttings of vincas, salvias, heliotropes, ageratums, and other stock, see display adv. Byer Bros., Chambersburg, Pa.

Begonia Vesuvius, vinca, red alternantheras, salvia, $1.00 100. Heliotrope and sweet alyssum, 60c. F. P. Sawyer, High St., Clinton, Mass.

Vinca var., 90c. Ageratums, 60c. Salvia Bonfire, 75c. Coleus, 60c 100. Prepaid. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Rooted cuttings of fuchsias, heliotropes, coleus and other stock. See display adv.
C. Eisele, 11th & Roy, Phila., Pa.

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"WE GROW TO ORDER"
For March, April and May delivery, Bride, Bridesmaid, Perle, Chatenay, Ivory and Richmond rose plants from 2½-in. pots at $3.00 per 100, $25.00 per 1000. First-class stock guaranteed. J. F. AMMANN, Edwardsville, Ill.

We have a consignment of roses that we are offering at the low price of $7.00 per 100 (10 in a lot), in order to move quickly. It's a great opportunity, and you ought not to miss it. Send for list of varieties.
W. Elliott & Sons, 201 Fulton St., New York.

Rose Miss Kate Moulton, splendid in growth, 2½ and 3-in. pots, $12.00 100; $50.00 500; $100.00 1000. Early spring delivery.
Sibson Rose Nurseries, 1180 Milwaukee Ave., Portland, Ore.

Own root roses, 2 yrs. C. Ramblers, $7.00. Dorothy Perkins, P. W. and Y. Ramblers, $5.00. H. P. roses and Baby Ramblers, $8.00 100.
Gilbert Costich, Rochester, N. Y.

Roses. Baby Ramblers, the strongest dormant stock in the country, $25.00 per 100; 2½-in. pot plants, $7.00 per 100, $65.00 per 1000.
Brown Bros. Co., Rochester, N. Y.

Field rose bushes of Maman Cochet, white, $6.00 per 100; $50.00 per 1000; not less than 500 at 1000 rate. Cash with order.
C. Akehurst & Son, White Marsh, Md.

The beautiful new pink rose, MISS KATE MOULTON, is the queen of all pink roses. Write us about it.
Minneapolis Floral Co., Minneapolis, Minn.

Field-grown roses, low-budded, 2 yrs. old, well rooted. A list of varieties and prices is given in display adv.
F. Ludemann, Baker St., San Francisco, Cal.

KILLARNEY. Rooted cuttings and plants—large stock—early delivery. Write to headquarters.
WEILAND & RISCH, 59 Wabash Ave., Chicago.

Field-grown roses, 1½ to 4 ft., $8.00 100. Crimson Rambler, 1½ to 4 ft., $3.00 to $5.00 100. Wm. K. Nelson, Augusta, Ga.

Roses, northern-grown. Crimson Ramblers, 4 to 7 ft., $10.00; strong, No. 2, $6.00 100.
C. M. Niuffer, Springfield, O.

H. P. roses, choice named, $1.50 doz. La France, $9.00 100.
F. A. Baller, Bloomington, Ill.

300 Crimson Ramblers, 2 to 4 ft., field-grown, fine and bushy, 8c.
J. Ed Smith, R. 3, Box 18, Greensboro, N. C.

Roses, 2-yr., field-grown, well rooted. See display adv.
Jackson & Perkins Co., Newark, New York.

Field-grown roses on own roots, $50.00 1000. Send for list.
California Rose Co., Pomona, Cal.

Roses and all Holland grown plants in choicest varieties.
H. Frank Darrow, Box 1250, New York.

Roses, strong, well rooted cuttings. See display adv. W. H. Gullett & Sons, Lincoln, Ill.

Hybrid roses, 2-yr., field-grown, $12.00 100.
Storrs & Harrison Co., Painesville, O.

Roses for spring blooming, proper sorts.
W. H. Salter, Rochester, N. Y.

Leedle Co., 101 best sorts, Springfield, O.

Rooted rose cuttings. Fine stock. See display adv.
Bassett & Washburn, 76 Wabash Ave., Chicago.

RUBBERS.

Rubbers, top cuttings, out of 3's. Strong, healthy plants, ready for delivery, $150.00 1000. In lots of 500 or less, $16.00 per 100; in lots of 100 or less, $17.00 per 100.
A. C. Oelschig & Son, Savannah, Ga.

Rubbers, strong plants, 4-in., 20c; 5-in., extra strong, 25c. Cash.
Fuhlbruegge Bros., Winona, Minn.

SANSEVIERIAS.

Sansevierias, strong, 4-in., $1.50 doz.
C. Eisele, 11th & Roy, Philadelphia.

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New peas, sterling novelties for 1907. The best and heaviest main crop peas in cultivation. The Bell, magnificent new pea, sealed packets, pint, 2/6; ½ pint, 1/6, retail. The Scotsman, grand new pea, sealed packets, ½ pint, 2/6. Bell & Bieberstedt, Leith, Scotland.

Headquarters for cauliflower and Tripoli onion seed, Crystal Wax and Bermuda, and all other vegetable seeds of unrivaled quality. All flower seeds grown on an enormous scale. Ask for wholesale catalogue. Dammann & Co., San Giovanni a Teduccio, Italy.

Seeds of palms, ferns, asparagus, callas, cyclamen, Primula sinensis, tropical plants; white and red Bermuda onions, the true Teneriffe seed. Send for illustrated wholesale catalogue. Albert Schenkel, Seed Grower, Hamburg, Germany.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Sweet pea novelties. A full description of real novelties in vegetable and sweet pea seeds is given in our list. The list is now ready and free. Watkins & Simpson, 12 Tavistock St., Covent Garden, London, England.

Seeds. L. C. Nungesser, Griesheim, nr. Darmstadt, Germany, exporter and importer. Specialties: Selected grass and clover seeds, alfalfa of Provence and Turkestan; free from dodder and cuscuta. Crimson clover.

VICK'S ASTER SEED. The standard of excellence. For varieties, see adv. in Dec. 13 issue, which also contains a SPECIAL OFFER for all who mention The Review.
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Vegetable, flower and agricultural seeds. My specialties are Phlox Drummondii, and Lucerne of Provence (alfalfa). May I send you my catalogue? Jacques Rolland, Nimes, France.

Asparagus comorensis seed, $2.00 per 1000 seeds; $12.00 per lb. This is a better plant than A. plumosus nanus. Golden State Plant & Floral Co., Santa Monica, Cal.

High grade grass seeds and alfalfa, our specialties. Warranted free from dodder and any adulteration. Ask for prices and samples.
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Danish seed, Cauliflower Snowball, and Haages, extra early Erfurter Dwarf. Cabbage White Amager (Stonehead). Write
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Choice flower seeds, finest strains. Price list on application.
H. B. May & Sons, Upper Edmonton, London, England.

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Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Choice vegetable and flower seeds. Hasslach & Roumanille, Wholesale Seed Growers, St. Remy de Provence, France.

Rawson's Newport Beauty stock. For description and other varieties see display adv.
W. W. Rawson & Co., Boston, Mass.

Garden seeds in variety, Maine seed potatoes, onion sets, etc. Correspondence solicited.
S. D. Woodruff & Sons, Orange, Conn.

Wholesale seed growers. Onion, lettuce, carrot and sweet pea seeds are specialties.
Pacific Seed Growers' Co., San Francisco, Cal.

Shasta daisy and petunia seeds. Description and price are given in display adv.
Fred Grohe, Santa Rosa, Cal.

Bermuda onion sets, now ready, $3.50 per bushel of 40 lbs. Order at once.
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Seeds of salvia, verbena, phlox and vinca. Prices are given in display adv.
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Johnson's giant-flowering verbena seed, separate colors. See display adv.
Johnson Seed Co., 217 Market St., Phila.

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Wholesale grower of vegetable and flower seeds. Selected stocks.
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Grass, clover, agricultural and forest tree seeds. Send for list.
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Seed growers for the trade. Write us before placing contracts.
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Cyclamen giganteum seed, $1.00 200; half packet, 50c.
John F. Rupp, Shiremanstown, Pa.

Stokes' seeds are money makers. Write me your wants.
Stokes' Seed Store, 219 Market St., Phila.

We are growers of onion sets.
Gundestrup's Seed Store.
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Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Cauliflower and cabbage seed.
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Wholesale seed grower. Correspondence solicited. Waldo Rohnert, Gilroy, Cal.

We are growers of Puget Sound cabbage seed.
Chas. H. Lilly Co., Seattle, Wash.

Comet tomato seed, $5.00 oz.
Wm. Sim, Cliftondale, Mass.

Seeds, bulbs and plants.
W. P. Craig, 1305 Filbert St., Philadelphia.

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Syringa japonica, 3 to 12 in., $5.00 per 100. Berberis Sieboldii, allied to Thunbergi, 6 to 12 in., $5.00 per 100. Wistaria sinensis magnifica, 1-yr. seedlings, $2.00 per 100; 2-yr. plants, $5.00 per 100. Send for list of bulbs and hardy plants. E. S. Miller, Wading River, N. Y.

Cut leaf Staghorn sumach, large stock, 6c, 8c, 12c and 15c. Edw. Teas, Joplin, Mo.

All kinds of hardy shrubs. Ask for prices.
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One thousand strings smilax for the holiday trade. $10.00 per 100. Cash.
E. S. Blauvelt, Wholesale Florist, Coeymans, N. Y.

Smilax, good, strong stock from 2½-in. pots, $2.00 per 100; $18.00 per 1000.
Evenden Bros., Williamsport, Pa.

Smilax, strong, 2-in., $1.20 per 100; $10.00 per 1000. F. Griswold, Worthington, O.

Smilax seedlings, fall-sown, $3.00 1000.
F. A. Baller, Bloomington, Ill.

Smilax, 2½-in., $2.00 100.
C. Eisele, 11th & Roy, Phila., Pa.

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Spiraeas.	100	1000
Spiraea astilboides floribunda	$0.80	$ 7.00
Spiraea Japonica	.80	7.00
Spiraea Japonica compacta	1.20	10.00
Spiraea Lemoinei Plumet Neigeux	1.20	10.00
Spiraea Lemoine Gerbe d'Argent	1.20	10.00
Spiraea hybrida Lord Salisbury	2.25	....
Spiraea hybrida Queen Wilhelmina	2.75	....

The last two named are far superior to the Gladstone variety.
Rudolph van Til & Co., Hillegom, Holland.

Spiraeas, extra fine clumps, leading varieties. See display adv.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraeas, leading varieties. Prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

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Umbrella plants, 2-in., $1.50 100. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

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Rhubarb for forcing, large undivided clumps, $2.00 doz.; $3.75 25; $12.00 100; $100.00 1000.
Stokes' Seed Store, 219 Market St., Phila.

Fine, pot-grown Lorrillard forcing tomatoes, good, strong plants, $2.00 100.
Green & Baylis, West Grove, Pa.

Strong, field-grown, triple-curled parsley plants, $2.00 1000. Cash.
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Headquarters pot-grown Lorrillard forcing tomatoes, $2.00 100. Roney Bros., West Grove, Pa.

Cabbage, lettuce, parsley and tomato plants.
R. Vincent Jr. & Son, White Marsh, Md.

VERBENAS.

Verbenas, finest named var., rooted cuttings, 75c 100; $6.00 1000. Plants, $2.50 100; $20.00 1000. J. L. Dillon, Bloomsburg, Pa.

Verbenas, rooted cuttings, 60c 100; $5.00 1000.
C. Humfeld, Clay Center, Kan.

VINCAS.

10,000 fine, strong 2-in. vinca var., ready for shifting, $2.50 per 100, $20.00 per 1000. Also rooted cuttings, dark and light green varieties, 90c per 100, $7.50 per 1000. Cash, please.
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Vinca variegata, 2½ and 3-in. pots, with plenty of long runners, $3.00 per 100. Very cheap, need the room. Aug. Luther, R. F. D. 4, Box 117, Kansas City, Mo.

Vinca var., rooted cuttings, $1.00 per 100, $7.50 per 1000. Silas Rothermel, 2307 Wheeler St., Indianapolis, Ind.

Vincas, strong, field plants, $3.00 per 100.
J. H. Dann & Son, Westfield, N. Y.

Vinca major, field grown, $6.00 100.
Baur Floral Co., Erie, Pa.

Variegated vincas, 2-in., $2.50 100.
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VINES AND CLIMBERS.

Kudzu vines, large stock, 10c, 15c and 25c.
Edw. Teas, Joplin, Mo.

VIOLETS.

Princess violets, strong, field-grown plants, $50.00 1000. Wm. Sim, Cliftondale, Mass.

Governor Herrick, the new single violet.
H. R. Carlton, Willoughby, O.

MISCELLANEOUS.

Miscellaneous plants from 2-in., $2.00 per 100. See display adv. for list.
Fred Grohe, Santa Rosa, Cal.

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To Exchange—Chrysanthemum stock plants, C. Touset, $8.00 per 100; Jeanne Nonin, $8.00 per 100; Chadwick, $6.00 per 100; Omega, $5.00 per 100; W. Bonnaffon, $5.00 per 100; yellow, $5.00 per 100; for geranium cuttings, assorted, of S. A. Nutt, Jean Viaud, Ricard or Harrison, La Favorite, Beaute Poitevine, also coleus, the large leaved variety; salvias, Salleroi geraniums, and fuchsias. Must be good stock.
Ernest Oechslin, 188 Madison St., River Forest, Ill.

To Exchange—300 Asparagus plumosus, 3-in. pots, ready for 4-in., in fine condition, for Piersoni, Scottii or Elegantissima. Price, $6.00 per 100.
Also 400 Sprengeri, 2½-in., ready for 3-in., for cinerarias, or rooted cuttings of white Enchantress carnations. Price, $3.00 per 100.
A. A. Pantet & Co., Fort Smith, Ark.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

To Exchange—50 extra strong 4-in. Chinese primroses, all with buds and bloom, at 10c, for rooted cuttings of Pink Lawson or Enchantress carnations. Arthur Harbison, Harrodsburg, Ky.

To Exchange—Chrysanthemum stock plants for geraniums, vincas, fuchsias, or what have you?
The Johnson Floral Co., Kendallville, Ind.

To Exchange—See display adv.
F. E. Allen & Co., Brockton, Mass.

WANTED.

Wanted—20,000 Asparagus plumosus, seedlings from flats, or 1½-in. pots. Send samples with quotations. The Templin Co., Calla, O.

Wanted—1000 rooted cuttings of Geranium Alphonse Ricard. State price.
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Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; lasts many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Boston, Philadelphia, St. Louis, Milwaukee, Chicago, Pittsburg, Cleveland, San Francisco, Los Angeles, Seattle, London.

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Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
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Folding cut flower boxes, the best made. Write for list.
Holton & Hunkel Co., Milwaukee, Wis.

We make the best cut flower box made. Write us.
Edwards Folding Box Co., Phila., Pa.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson Ct., Chicago.

Paraffin-lined paper boxes.
The Bloomer Bros. Co., St. Mary's, O.

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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Boxwood sprays, a Christmas decorative material. Free sample.
Pittsburg Cut Flower Co., Ltd., Pittsburg, Pa.

Fancy ferns, green sheet moss; leucothoe sprays, etc.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

All decorative evergreens, galax, leucothoe. mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Pennsylvania fancy green sheet moss, $2.00 per sack.
Pittsburg Cut Flower Co., Ltd., Pittsburg, Pa.

Leucothoe sprays and other decorative material.
J. N. Pritchard, Elk Park, N. C.

Moss, fresh greens, long sprays, etc.
Limprecht Florist Co., 119 West 30th St., N. Y.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

Fancy and dagger ferns.
R. Groves, 127 Commercial St., Adams, Mass.

Fancy and dagger ferns.
Ray Bros., Elk Park, N. C.

Fancy and dagger ferns.
E. H. Hitchcock, Glenwood, Mich.

Southern wild smilax.
E. A. Beaven, Evergreen, Ala.

Hardy cut ferns.
L. B. Brague, Hinsdale, Mass.

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Wizard brand pulverized sheep manure. Write for booklet.
Pulverized Manure Co., 33 Exchange Ave., Chicago.

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LILY OF THE VALLEY.

Peat Samples.

As a supplement to my article of November 15 on lily of the valley I would like to add some further remarks in the way, to some extent, of a correction to my statements in reference to black peat grown samples.

It may not be generally known that there is heavy, wet peat and also dry, sandy peat. Samples of valley pips grown on the two distinct soils are somewhat different in their nature and require different treatment. After a dry season, like the present, it might have been supposed that these peat samples would do for late forcing. This is proving fairly correct with the samples grown on sandy peat and these same samples also can be used for early forcing, and in fact for forcing from December to April to a certain extent, but in all peat samples it is necessary to continually examine the crown while being heeled in in the open ground, as the following remarks will show.

Previous to this year it has been my experience that after a dry season peat samples were suitable for late forcing. But several samples which have lately come under my notice, in bulk quantities, are already showing signs that they will not keep until the time for late forcing, but must be forced at once; as after they are heeled in in the open ground they are found on examination to be losing all their roots through rot, caused by excessive moisture in the roots.

The one great trouble with these peat samples is excessive moisture in the roots and pips. This causes them in wet years to rot while being stored, awaiting use. It also causes them to badly rot when being forced if they have the slightest oversupply of water. Also when retarded they are liable to more or less rot or mould, this causing the base of the crown to part from the junction of the roots and the roots themselves to get soft.

Judging by the samples I have already tested this year, it is not safe to rely upon even such a dry season as last to reduce the moisture and otherwise produce a normal crown from black, heavy peat. Any grower having a bulk of peat samples on hand will do well to frequently examine them and see that rot and mildew has not set in, whether stored by heeling in in open ground, as is a general practice in England, or whether stored in moss or in the cold storage rooms. H. AMBURGER.

MIGNONETTE.

Since we hear so little about mignonette, are we to infer that it is not a profitable flower to grow for the wholesale market? If it is profitable, why do not more growers grow it? Are there any conditions which make it especially hard to grow? How many good spikes per plant can reasonably be expected for the season extending from November to May? W. K.

We were not aware that so little was said about this humble, sweet flower. We have a neighbor who grows the south bench of a 125-foot house every winter and we are quite sure that he would not persist in growing it if he had any doubt of its being profitable. We have never kept an accurate account of what it returned per square foot of bench room. We consider it quite as profitable as carnations if well grown, with this difference, that you can always sell good carnations while the market for mignonette can be overdone. W. S.

PROPAGATING DAHLIAS.

I would like to know if it would be practical to start dahlias for cuttings on the ground just under the edge of the benches? We have several seedlings and choice varieties that we wish to increase by cuttings as much as possible, and want to know if they will do well under the bench rather than on the bench.
N. H. G.

Yes, it would be possible to start dahlias growing on the edge of the path, beneath the bench, but we would consider it a poor place, as the growth made would be sure to be weak and spindling. It will pay you, whether in a large or small way, to give your dahlias proper surroundings. If you are so short of a few feet of benchroom, then you are attempting to grow more than you have room for and something will be sure to be neglected. You need not begin to grow your dahlias for cutting before February 1, and surely by that time you will have room for them on the bench in the light, the only place for them.
W. S.

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DAVENPORT, IA.

The Tri-City Florists' Association met at the greenhouse of Harry Bills, on North Brown street, December 13, and an interesting session was held, there being a large attendance. The advisability of organizing a horticultural society in the tri-cities was discussed, and it was the opinion of the members that such a society would be a good thing. The society would consist of laymen or parties not engaged in the profession. The Horticultural Society of Chicago gives the big flower show there every year, in charge of the florists of the city.

The questions which were up for general discussion at the meeting were "Roses and their propagation" and "Which are the most profitable bulbs, and their culture." It was also decided to adopt a question box, in which any one, not only members, but laymen as well, may drop in any question relating to floriculture which may come to their notice.

The program committee reported and gave the outline of the program for every month of the ensuing year. The topics which will be taken up during 1907 are as follows:

January—"What are the most profitable plants to grow for Easter trade?"
February—"The making and care of hotbeds. Does it pay to make hotbeds? What are the best plants to grow in hotbeds?"
March—"How is the best way to beautify cities, their lots, boulevards and public places?"
April—"What are the most profitable plants to grow for spring trade?"
May—"Peony culture—What are the best kinds to grow for cut flowers? Does it pay to grow perennials for cut flowers?"
June—"Rose culture—What are the best varieties to grow for the summer months, for the winter months? Does it pay to grow roses out-of-dooors?"
July—"Greenhouse construction—Best material for benches. Which is better for heating, steam or hot water?"
August—"Carnation culture—What are the best varieties to grow? Does it pay to grow carnations for out-of-door or summer blooming?"
September—"What are the best plants to grow for Christmas?"
October—"Ornamental tree and shrub culture—Best trees and shrubs for private grounds—Does it pay to grow hardy roses?"
November—"Chrysanthemum culture — What are the best varieties for commercial use, for pot plants and for cut flowers?"
December—"Heating greenhouses—What is the best and cheapest fuel? How is the best way to decorate show windows?"

COLORADO SPRINGS, COLO.—Wm. Henry Evans, of the Pike's Peak Floral Co., says business is excellent and that they find themselves cleaned up every night. They now have 85,000 square feet of glass, all in cut flowers for wholesale.

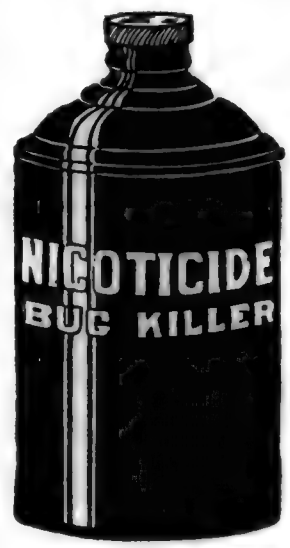
The Florists' Manual

We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."
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I have two houses, each 23x100, in which I grow lettuce and general stock. I keep a night temperature 50 to 52 degrees. They are heated with hot water. There are two flows in each house, along the purlins. One 3½-inch pipe supplies six 2-inch pipes under the outside benches and one 3-inch flow supplying four 2-inch pipes under the inside benches. The outlet from each house is separate into the boiler in 5-inch pipe. I had a special boiler made to order that has proved itself beyond my expectations. In the winter of 1905-6 I used thirty-one tons of coal at $1.90 and ten cords of 3-foot wood worth about $2.50 per cord. This I thought very reasonable. The circulation is perfect. Last winter in moderate weather, that is, not windy and outside temperature 20 degrees or so above zero, I would leave the boiler nine hours with a variation of but 3 degrees.

Ten days ago I was called to Cleveland overnight. The outside temperature was 46 degrees at 2:40 p. m., when I left the boiler, with a gradually sinking mercury. There being no men about, I left instructions that the boiler should not be touched until next morning. My wife, on my return next evening, reported that at 7 p. m. it became quite windy and by 9:30 was freezing, with stormy outlook. When she awoke at 6 a. m. the outside temperature was 26 degrees and the greenhouses were 47 degrees. I think this is a record for fifteen hours and twenty minutes without attention. I would like to hear from anyone who can beat it.

S. C. Templin.

VENT PIPE FREEZING.

I have been having trouble with my vent pipe freezing up a time or two, and wish to know how to overcome it. I have a 2½-inch flow pipe with the vent on the highest point. The vent is 1-inch pipe and extends through the roof, but I have it boxed around so it looks as if it should not freeze. S. E. L.

I know of no better way of insuring the vent pipe in question against freezing than to cover it with an asbestos jacket. Such pipe covering can be purchased ready prepared for any size of pipe. This would only require adjusting to the pipe. My plan of meeting this difficulty would be to dispense with the vent pipe altogether, place an airvalve in the system at this point and connect an expansion tank to the main return near the boiler and elevate this several feet, ten or more, above the highest point in the system. This will give you a pressure system which will provide a quicker circulation and a greater heat, thus making the system more efficient.

L. C. C.

ELEVATE EXPANSION TANK.

I have a No. 3 Kroeschell hot water boiler with overhead flows and under bench returns, the highest point being farthest from the boiler, and an open tank. How high can I place the expansion tank above the highest point? The boiler is just the ordinary kind, not built for high pressure. The pipe from the expansion tank to the main return is 1½-inch and connects with the return to the boiler, which is 4-inch. The boiler is six feet under the floor level. Is the expansion pipe in the right place and is the size of pipe all right? The boiler heats about 8,000 square feet of glass. At present the tank is only about five feet above the highest point and is enclosed on top of the shed over the boiler.

F. W. H.

The boiler you have will easily stand fifteen or twenty pounds pressure. In order to make fifteen pounds pressure on the boiler it would be necessary to have the expansion tank raised thirty-three feet. This is probably not practicable, but you can undoubtedly elevate it ten or twelve feet higher without great inconvenience or expense. This will help to maintain a considerably higher heat on the system. While I do not think the point at which the expansion tank pipe is taken off the ideal one, yet I do not know that it would be enough better in the ideal place to justify the change. The ideal place is on the main return within eight or ten inches of the boiler. The size of the pipe is greater than is necessary. A ¾-inch pipe would be large enough, although the greater size is no disadvantage. The incline in the pipe makes no difference. The perpendicular height is the all-important point and it makes no difference whether the tank is directly over the boiler or at one side as you have it. L. C. C.

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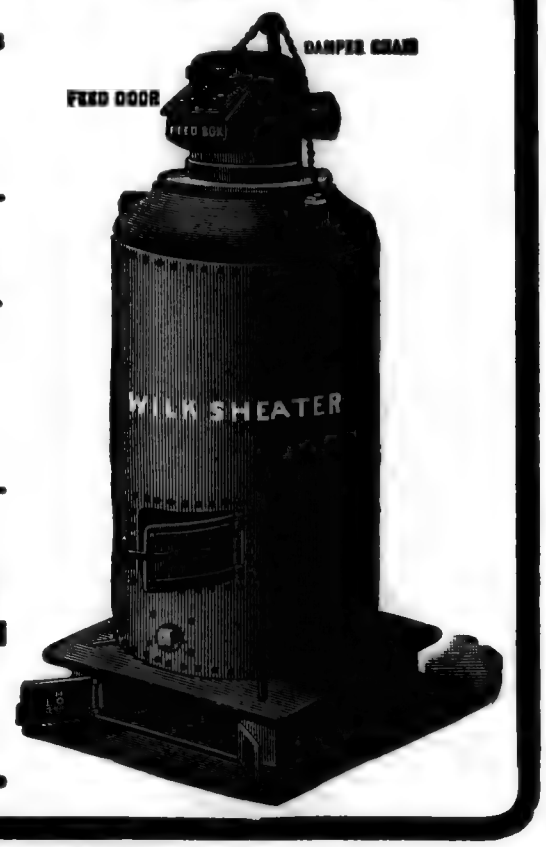
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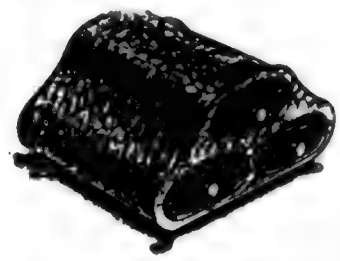
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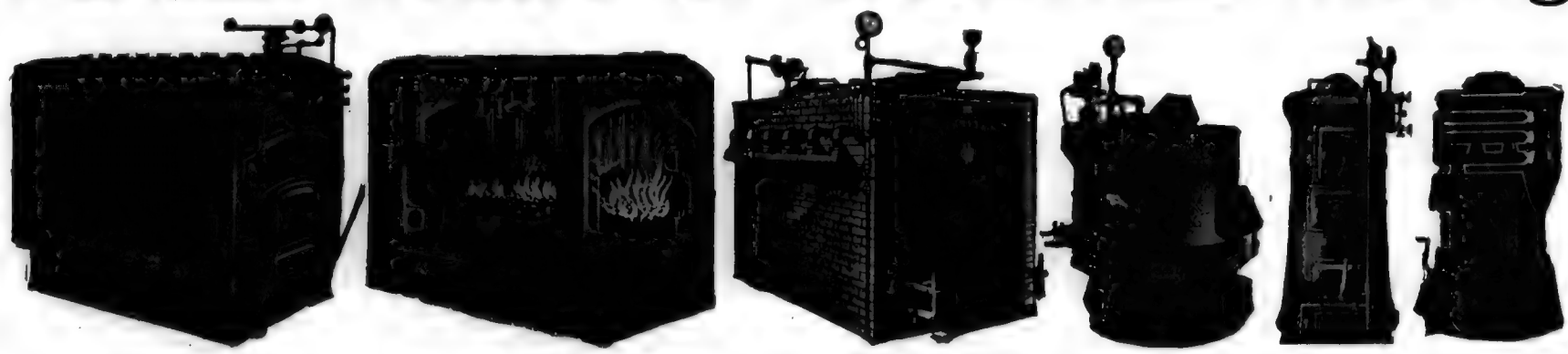
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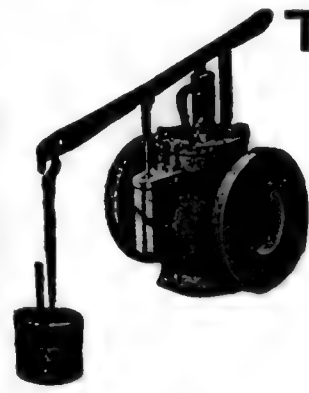
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Reducing Valves, Back Pressure Valves, Steam Traps, Steam Goods

This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 8, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

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Read This Proposition

We will send a

Morehead Trap

on thirty days' trial and if you are not convinced that it is the best on the market and are not satisfied that it will keep every pipe in your steam system of equal heat and reduce your fuel expense, it will cost you nothing.

Once install a Morehead and you will have no other.

Morehead Mfg. Co.
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HOUSTON, TEX.—M. V. Wright, who for the last year has been touring along the Pacific coast, has returned. He thinks that San Diego, Cal., is the ideal residence city on the coast and seriously considers making that place his future home.

Greenhouse Heating.

A HEATING RECORD.

I have two houses, each 23x100, in which I grow lettuce and general stock. I keep a night temperature 50 to 52 degrees. They are heated with hot water. There are two flows in each house, along the purlins. One 3½-inch pipe supplies six 2-inch pipes under the outside benches and one 3-inch flow supplying four 2-inch pipes under the inside benches. The outlet from each house is separate into the boiler in 5-inch pipe. I had a special boiler made to order that has proved itself beyond my expectations. In the winter of 1905-6 I used thirty-one tons of coal at $1.90 and ten cords of 3-foot wood worth about $2.50 per cord. This I thought very reasonable. The circulation is perfect. Last winter in moderate weather, that is, not windy and outside temperature 20 degrees or so above zero, I would leave the boiler nine hours with a variation of but 3 degrees.

Ten days ago I was called to Cleveland overnight. The outside temperature was 46 degrees at 2:40 p. m., when I left the boiler, with a gradually sinking mercury. There being no men about, I left instructions that the boiler should not be touched until next morning. My wife, on my return next evening, reported that at 7 p. m. it became quite windy and by 9:30 was freezing, with stormy outlook. When she awoke at 6 a. m. the outside temperature was 26 degrees and the greenhouses were 47 degrees. I think this is a record for fifteen hours and twenty minutes without attention. I would like to hear from anyone who can beat it.

S. C. Templin.

VENT PIPE FREEZING.

I have been having trouble with my vent pipe freezing up a time or two, and wish to know how to overcome it. I have a 2½-inch flow pipe with the vent on the highest point. The vent is 1-inch pipe and extends through the roof, but I have it boxed around so it looks as if it should not freeze. S. E. L.

I know of no better way of insuring the vent pipe in question against freezing than to cover it with an asbestos jacket. Such pipe covering can be purchased ready prepared for any size of pipe. This would only require adjusting to the pipe. My plan of meeting this difficulty would be to dispense with the vent pipe altogether, place an airvalve in the system at this point and connect an expansion tank to the main return near the boiler and elevate this several feet, ten or more, above the highest point in the system. This will give you a pressure system which will provide a quicker circulation and a greater heat, thus making the system more efficient.

L. C. C.

ELEVATE EXPANSION TANK.

I have a No. 3 Kroeschell hot water boiler with overhead flows and under bench returns, the highest point being farthest from the boiler, and an open tank. How high can I place the expansion tank above the highest point? The boiler is just the ordinary kind, not built for high pressure. The pipe from the expansion tank to the main return is 1½-inch and connects with the return to the boiler, which is 4-inch. The boiler is six feet under the floor level. Is the expansion pipe in the right place and is the size of pipe all right? The boiler heats about 8,000 square feet of glass. At present the tank is only about five feet above the highest point and is enclosed on top of the shed over the boiler.

F. W. H.

The boiler you have will easily stand fifteen or twenty pounds pressure. In order to make fifteen pounds pressure on the boiler it would be necessary to have the expansion tank raised thirty-three feet. This is probably not practicable, but you can undoubtedly elevate it ten or twelve feet higher without great inconvenience or expense. This will help to maintain a considerably higher heat on the system. While I do not think the point at which the expansion tank pipe is taken off the ideal one, yet I do not know that it would be enough better in the ideal place to justify the change. The ideal place is on the main return within eight or ten inches of the boiler. The size of the pipe is greater than is necessary. A ¾-inch pipe would be large enough, although the greater size is no disadvantage. The incline in the pipe makes no difference. The perpendicular height is the all-important point and it makes no difference whether the tank is directly over the boiler or at one side as you have it. L. C. C.

Topeka, Kan.—Mrs. J. E. Lord has arranged a new flower room at her store at 112 West Eighth avenue. It is a tastefully arranged reception room, decorated with palms, ferns and blooming plants.

WILKS GREENHOUSE HEATERS

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

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Can be used with either HARD OR SOFT COAL.

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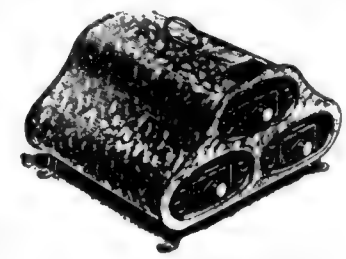
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LEHMAN WAGON HEATER



There is no danger of fire; no smoke, dirt or gases to injure the plants. They burn **Lehman Coal,** which costs less than half a cent per hour. **350,000 Lehman Heaters** are in actual use which shows they have merit. Florists everywhere use and recommend them.

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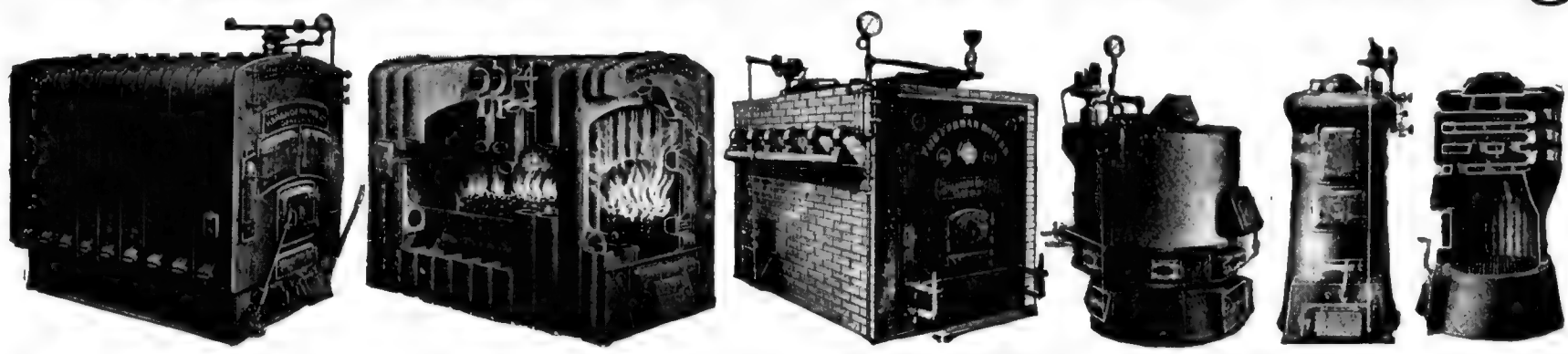
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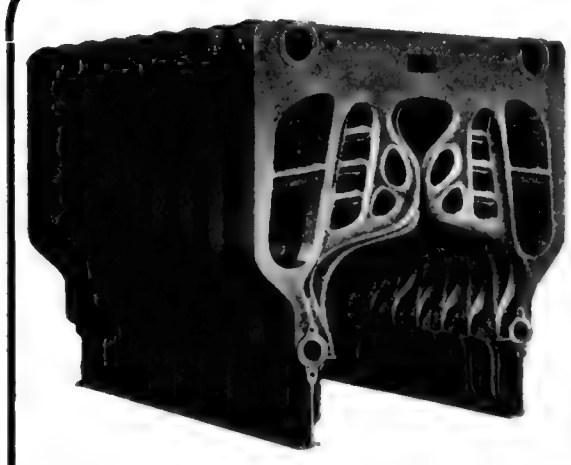
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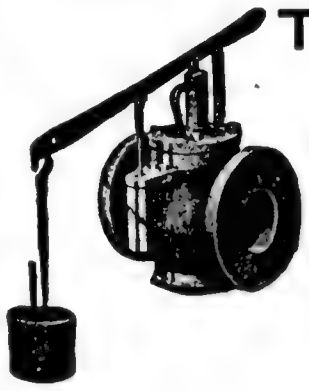
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This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 8, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

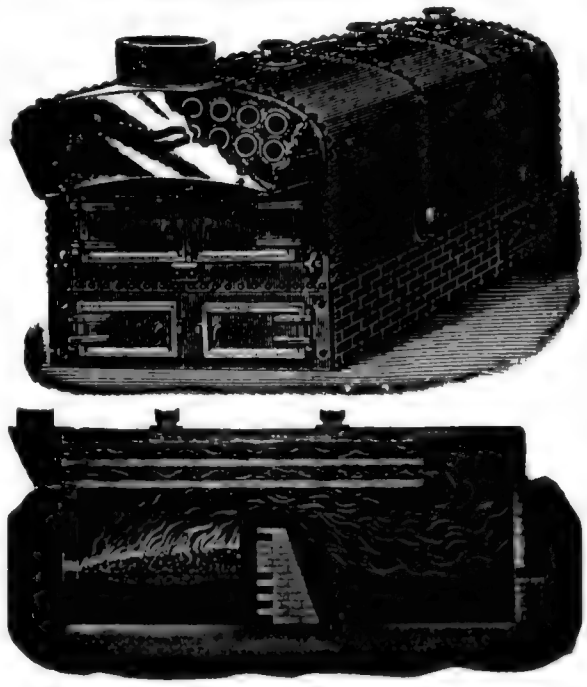
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Once install a Morehead and you will have no other.

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NEW ORLEANS.

Current Comment.

The first annual convention of the Society of Southern Florists and Ornamental Horticulturists will take place in New Orleans February 13 to 15, 1907, or the days following Mardi Gras. The different committees appointed are at work doing their best to have every detail in a proper shape. As we have noted previously, it will be conducted as other conventions, with an exhibition of plants, flowers and requisites. It will certainly accomplish the same good results that northern conventions accomplish and no doubt the opening meeting will be largely attended.

Louis Sieber, secretary of the Metairie Ridge Nursery Co., Ltd., has accepted a position of manager of a large establishment at Ponchatoula, La., on the I. C. R. R. The place is owned by Chicago parties and consists of four greenhouses, 200 feet long, just erected, with latest improvements and heated by a Kroeschell boiler. It is entirely devoted to cucumbers to be forced and shipped north.

The Gardeners' Mutual Protective Association held its annual election of officers December 15 and the following were elected for the coming year: President, Louis Keintz; vice-president, Andrew Klees; treasurer, John Kuehl; grand marshal, C. R. Panter; guardian, Mr. Skelhofer.

The Abele Bros. have received the sad news of the death of their aged father, who died in Germany. They have the sympathy of the craft. M. M. L.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held in its room in Odd Fellows' hall, Saturday evening, December 8, President Dunbar in the chair. There was a prize for the best fern in not larger than a 6-inch pot, which was awarded to H. Keiling for a Nephrolepis Piersoni in a 4-inch pot. It was a fine plant for so small a pot. R. Boreham staged a collection of new geraniums, some of which were the finest it has been our pleasure to see. He was awarded a cultural certificate. T. A. Lees and J. Bradley were the judges. J. Bradley staged some fine mushrooms from pure culture spawn. Joseph Dunbar, gardener to Mr. Payton, gave an interesting talk on the "Culture of Mushrooms." Mr. Dunbar is an expert on the culture of mushrooms. There is a prize offered for the best six carnations to be competed for at our next regular meeting. The nomination of officers for the coming year then took place. Joseph Dunbar was nominated without opposition to succeed himself as president, H. Kastberg for secretary, Claud Wilson for treasurer, H. Keiling and R. Boreham for vice-presidents, and J. Bradley for corresponding secretary.

FALL RIVER, MASS.

Chatterton Warburton annually grows quite a batch of the Otaheite orange. He propagates cuttings early, pots into 2½-inch pots, then transplants into the field. During the summer he pinches the plants while making growth; then, in the fall, he pots up into 6-inch pots. They fruit the second year. He says this is no secret as he disposes of all he can find room for, at retail. His store early took on a holiday appearance, being filled with suitable stock.

George Smith is picking fine carnations at his place on Peckham street. He says there is nothing like having a farm for summer planting.

Frank Buffington handles a large variety of stock and is one of the few who grow camellias profitably. W. M.

IONIA FLOWER POTS

WHEREVER USED. HOWEVER TESTED

Have always merited and received the commendation of the best florists for **Smoothness, Porosity and Durability.**
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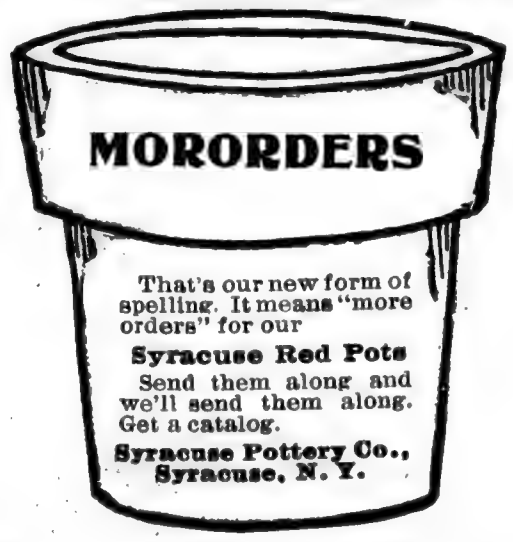
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E. HIPPARD, Youngstown, O.

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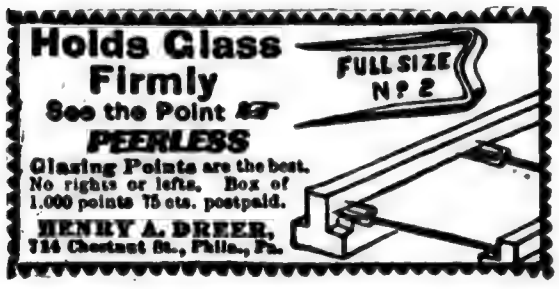


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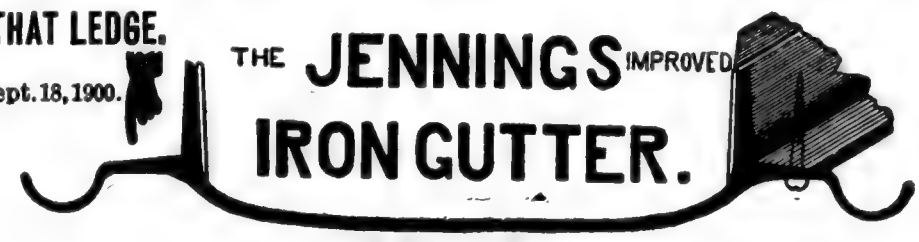
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are better than others for operating mechanical watering systems on account of their HIGH-PRESSURE capacity.



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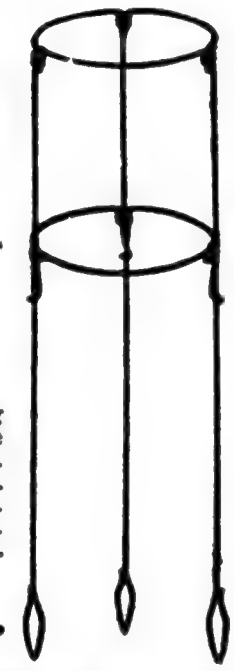
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NEW YORK OFFICE:
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J. AUSTIN SHAW, Manager.

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Advertising rates quoted upon request. Only strictly trade advertising accepted.
Advertisements must reach us by Wednesday morning to insure insertion in the issue of that week, and earlier will be better.

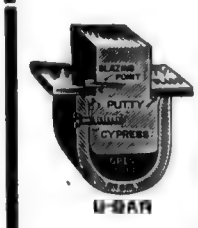
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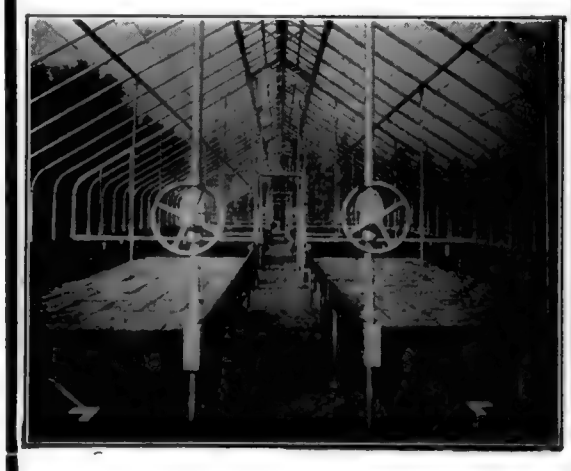
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ONE insertion of our advertisement in the REVIEW sold all the cinerarias we had ready.—RAY H. PALMER, Randolph, N. Y.

WE have received orders from Pennsylvania on the east to Washington on the Pacific coast from our advertisement in the REVIEW.—W. C. HILL FLORAL CO., Streator, Ill., Dec. 3, 1906.



Here is what Thomas Proctor, superintendent for R. W. Paterson, Lenox, Mass., says about U-Bar houses: "So far as the style of construction is concerned, I believe that the U-Bar type is as much superior to the very best type of the ordinary iron frame construction as the iron frame houses are to the old wooden sashbar houses." Send for new catalog and know why they are so "much superior." **Pierson U-Bar Company, Designers and Builders of U-Bar Greenhouses,** Metropolitan Building, 4th Avenue and 23rd Street, New York.



Mention The Review when you write.

PECKY CYPRESS

For Greenhouse Benches. By far the best material.

PLACE ORDERS NOW
For delivery Spring, 1907

It will be open-air dried in the South and delivered when you want it.

Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, Etc.

Write for Prices.

ADAM SCHILLO LUMBER CO.
Cor. Weed Street and Hawthorne Avenue, **CHICAGO**
Telephone North 1626 and 1627

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N. TONAWANDA, N. Y. TORONTO, ONT.
KING CONSTRUCTION CO.
GREENHOUSE CONSTRUCTION AND EQUIPMENT
WRITE FOR CATALOGUE AND PRICES

H AND C

BACKED UP

It's interesting reading some of the things advertisers talk about, but the backing up of the talk is a good bit more interesting. When we do talk about a thing it has actually been severely tried out—it's a fact not a theory. We insist on talking facts—selling facts. We are after the man who wants the right house at the right price and who thinks pleasant dealing is worth something.

HITCHINGS AND CO.

GREENHOUSE DESIGNERS AND BUILDERS.

Manufacturers of Heating and Ventilating Apparatus.

1170 Broadway, NEW YORK.

H AND C

Mention The Review when you write.

The Test of QUALITY

CYPRESS is conceded by all authorities to be the best wood for greenhouse construction and quite a little has been said about the "right kind of cypress." What way have you of knowing the "right kind of cypress?" Can you tell by looking at a cypress plank just where the sap lies and what kind it is?

One way to be sure that you get the "right kind" of cypress, is to place your order with a firm that makes a test of every piece before shipping, and employs an expert to detect cypress defects. Send for "Why Use Cypress" and "The Mummy's Case."

Next week — "The test of Workmanship."

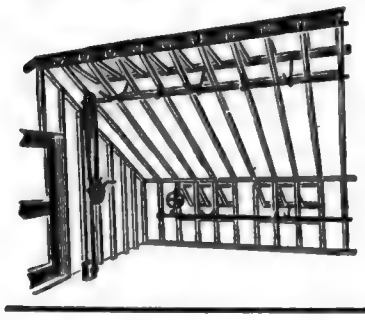
John C. Moninger Co.

129 E. Blackhawk St., Chicago

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THE

NEW WOLF ROLLER BEARING PIPE



and improved cable ventilating machines are the most powerful on the market. Send for catalogue.

A. Q. Wolf & Bro.

Dayton, O.

Always mention the Florists' Review when writing advertisers.



Mention The Review when you write.

PEOPLE who know a good thing when they see it, and will take advantage of the same, must be possessed with good judgment and are generally successful. One of our successful growers has this year taken out 6000 feet of wooden gutters, which were only 5 years old, and replaced the same with 6000 feet of the **GARLAND IRON GUTTER,** this being his fifth annual order.

Our long list of orders of this kind is our best reference. By writing any of the large growers at Chicago you will confer a favor on the

GEO. M. GARLAND CO., - DES PLAINES, ILL.

Mention The Review when you write.



Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works

RICHMOND, IND.

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THE FLORISTS' HAIL ASS'N HAS PAID $101,000.00

for glass broken by hail in the past twenty years. For particulars address

JOHN G. ESLER, Sec'y, Saddle River, N.J.

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Always Mention the....

Florists' Review

When Writing Advertisers.



Doubtless, you have been waiting

a long time for ventilating apparatus at a reasonable cost before equipping your houses, or a line that does the work so satisfactorily that it is a pleasure to have in the house. Our customers are all highly pleased with the service we give them. We are quite certain that our prices will suit you. At least give us a chance to figure with you.

THE ADVANCE CO.

RICHMOND, IND.

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This photo showing the giant arch, was taken last March in one of Mrs. G. N. Lounsbury's houses at Tenafly, N. J. It is 30x125 feet. We have recently added 185 feet to this house.

Some More Inside Information

If you want an easy to erect, entirely self-supporting, light but tremendously strong giant arch that forms a solid tied together unit of support for your sashbar houses, then you want our interchangeable clamp column fittings and cast-iron foot pieces. We will sell you the fittings and foot pieces alone or pipe and all.

Not only the best support for your finished house, but a solid scaffold, from which you erect your house. So you save time—save money a scaffold would cost.

Lord & Burnham Co.

Greenhouse Designers and Manufacturers.

1133 Broadway, corner 26th St., NEW YORK.

BOSTON BRANCH, 819 Tremont Building.

GLASS

Write us if you intend building the coming season and we will keep you posted on **GLASS** conditions. We have the kind of Glass you want. Some bargains in a few sizes left over. Don't buy your **GLASS** until you have written **HEADQUARTERS.**

SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET CHICAGO

1605
L O

LIBRARY OF THE UNIVERSITY of ILLINOIS

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, DECEMBER 27, 1906. No. 474.

GLADIOLI

for planting where your carnations have **died out.** You will find them a **profitable crop** next spring.

	100	1000
Colvillei alba (The Bride), white	$0.75	$6.00
Colvillei rubra, red	.60	5.00
Blushing Bride, flowers large, pure white with delicate pink spot	1.00	9.50
Peach Blossom, the most beautiful of all the Colvillei type of Gladiolus; color, a lovely soft pink on the order of the Killarney rose	2.75	25.00

Arthur T. Boddington,
342 West 14th St., NEW YORK.

Asparagus

Asparagus Plumosus, 2-inch, $2.50 per 100; $20.00 per 1000.

CRIMSON RAMBLER and DOROTHY PERKINS field-grown, fine plants for Easter forcing, 4 to 6 shoots, $3.00 per dozen; $20.00 per 100.

CHRYSANTHEMUM STOCK PLANTS as follows:

175 Shaw	75 Marion Newell
125 Halliday	36 Xeno

75c per doz.; $5.00 per 100. Terms cash with order to unknown parties.

ERIE FLORAL CO., ERIE, PA., or
WM. F. KASTING, BUFFALO, N. Y.

I HAVE TO OFFER:

Begonia Gloire de Lorraine in finest quality.
Pandanus Veitchii, finely colored.
Boston and Scottii Ferns.
Poinsettias in pans and cut.

Price list on application.

J. A. PETERSON, WESTWOOD, CINCINNATI, O.

HYDRANGEA OTAKSA

For Easter require 3 months to force into bloom. Potted now and allowed to become established in a cool place will give best results. **Field-grown,** $6.00, $8.00, $10.00 and $15.00 per 100. **Pot-grown,** 4-inch, $6.00, $8.00 and $10.00 per 100; 5-inch, $25.00 per 100; 6-inch, $35.00 per 100; 7-inch, $50.00 per 100. A few larger sizes, up to 12-in. write for prices.

AZALEAS. Plants in bloom. Simon Mardner, Deutsche Perle and Vervaeneana, 75c, $1.00, $1.25 and $1.50 each.

ADIANTUM CROWEANUM, 3-inch. $12.50 per 100.

BOSTON FERNS—Bench-grown, $10.00, $15.00 and $20.00 per 100. Pot-grown, 5-inch, $25.00 per 100.

SCOTTII—Bench-grown, ready for 3 and 4-inch pots, $6.00 per 100.

CHRYSANTHEMUM stock plants, best standard varieties, $1.00 per doz. Send for list of varieties.

VINCA MAJOR, green variegated with light green, field-grown, $6.00 per 100.

BAUR FLORAL CO., ERIE, PA.

Prize-Winning Carnations

We have them—**Winning 15 First Prizes** at the Chicago Flower show speaks for itself.

We have healthy stock and will give early delivery on first-class well rooted cuttings.

We guarantee everything that leaves our place. Order early. Send for catalogue.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. **Joliet, Ill.**

A Limited Quantity of the New Hydrangea

Arborescens Grandif. Alba

3-year-old plants.....$1.00 each; $90.00 per 100
1-year-old plants..... .50 each; 35.00 per 100
The most useful novelty of recent years in its line.

Our New CHYRSANTHEMUM LIST

of Novelties now ready, describing the best of the new exhibition varieties and also the finest new commercials.

Mlle. Jeanne Rosette (like a big pink **Nonin**) scored 91. **THE THANKSGIVING PINK.**

THE E. G. HILL CO., RICHMOND, IND.

FLOWER SEED

FOR EARLY SOWING

Asters, Cyclamen, Mignonette, Pansies, Petunias, Stocks and all the Best Novelties.

Our preliminary list is published. You can have a copy for the asking. Mention the Florists' Review.

Bone Meal, Sheep Manure, Wood Ashes

Tobacco Stems and other Reliable Insecticides.

THE W. W. BARNARD CO., SEEDSMEN, 161-163 Kinzie St., **CHICAGO**

U KNOW US! LET'S KNOW U!

Compliments of the Season

This year has been the MOST SUCCESSFUL EVER with US, and TRUST YOURS has been equally so.
The HONEST, UPRIGHT, SQUARE and FAIR BUSINESS METHODS we have should insure this continuous PROSPERITY.
YOUR SUCCESS will be assured, in placing your business with us. A sale never complete until you are ENTIRELY SATISFIED. GET IN LINE.

A PROSPEROUS NEW YEAR TO ALL

M. RICE & CO., 1220 RACE STREET PHILADELPHIA, PA.

The Leading Florists' Supply House and Ribbon Specialists. Importers and Manufacturers.

Mention The Review when you write.

SPIRÆAS

Spiræa Japonica
Extra fine clumps.....$4.00 per 100

Spiraea Compacta Multiflora
Extra fine clumps.....$5.00 per 100

Spiraea Astilboides Floribunda
Extra fine clumps.....$5.50 per 100

Spiræa Gladstone
Extra fine clumps.....$8.00 per 100

F. W. O. SCHMITZ
Prince Bay, N. Y.

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JOS. G. NEIDINGER
1438 No. 10th St. PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WHEAT SHEAVES
Wicker Pot Covers, Plant Stands.
Mention The Review when you write.

Florists' Refrigerators

Write us for prices stating the size you require, the kind of cut flowers you wish to use the refrigerator for, and whether for display or only for storage.

McCRAY REFRIGERATOR CO.
558 Mill Street, KENDALLVILLE, IND.
Mention The Review when you write.

Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000...$6.25. Sample free.
For sale by dealers.
Mention The Review when you write.

....USE....
MAGNET GLUE
to put address Labels on your shipments.
IT'S WATERPROOF
Write for particulars.
R. Y. BRADSHAW & CO.
5 to 17 W. Madison St., Chicago
Mention The Review when you write.

Compliments of the season to the trade, and to our Customers especially. Keep your eye on the enterprising florists' supply house.

J. STERN & CO.
125 North 10th Street,
PHILADELPHIA.
Mention The Review when you write.

L. BAUMANN & CO.
Importers and Manufacturers of
Florists' Supplies
76-78 Wabash Ave.. CHICAGO
Write for supplement to catalogue F, it will interest you.
Mention The Review when you write.

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues OUR SPECIALTY Get our figures
83-91 Plymouth Place, CHICAGO
Mention The Review when you write.

Starved Rose Bushes NEVER BLOOM

and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.

Don't Starve the Roots.

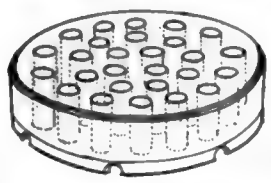
Put away your bushes this fall with plenty of fall and spring food for the roots.
The richest root food, stem and bloom producer you can use is

WIZARD BRAND PULVERIZED SHEEP MANURE

It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.
Special prices to florists and greenhouse operators. Write for booklet.

The Pulverized Manure Co.
33 Exchange Ave., Chicago.

The "JAPANA" Cut Flower Holder . . .



A handy article for florists. Sells to the trade on sight. Made of glass in three sizes.
The "Anglais" Table Decoration, something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating.
Ask for catalog.

M. V. Garnsey, Dept. A. LA GRANGE, ILL.

SEEDS, BULBS, ETC.
H. H. BERGER & CO.
47 Barclay Street, NEW YORK
Mention The Review when you write.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms.
Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.

A. & C. PEARSON
Lowdham, Nottingham, England
Mention The Review when you write.

MISCELLANEOUS SEASONABLE HINTS.

Longiflorums.

It is high time now to bring in your Japan lilies that are wanted in flower at Easter. Some may say it is late. If they have been protected by a covering of litter and shutters or sash, to keep out severe frost, the lilies are as well out in a frame as indoors, because they have been making roots and will be in right condition to endure a good strong heat from New Year's on to Easter.

Give them a week or ten days in a night temperature of 50 degrees. After that raise the temperature 10 degrees and never let it drop, even for a few hours. The last four weeks before Easter you can do the most effectual forcing. A drop of a few degrees in temperature will stunt a lily more than any plant I know of, so once you raise to 60 degrees at night and 70 degrees in daytime keep it steadily at that.

Tulips.

Tulips can now be brought in for earliest cutting. La Reine, Vermilion Brilliant, Yellow Prince, Cottage Maid and Proserpine will all flower satisfactorily from now on. I have had occasion to mention recently the conditions best suited to flower them. It is simply a top heat of 80 degrees to 85 degrees, a spraying and watering daily and a heavy shade a foot or so above the flats to draw up the stems. Without this shade the flowers will open close to the surface of the flats and be useless. What is known as bottom heat, or heat at the roots, is not at all necessary with tulips, but they must have a strong heat around their leaves and flower buds or the growth will be stunted and the flower abortive. Few of us have a house especially constructed for this, but it will take only a little ingenuity to contrive some means of employing the heat of the pipes beneath the bench on the growth of the tulips. Nor is the shading hard to manage.

Lily of the Valley.

Last fall's importation of lily of the valley will force readily from now on. This little flower requires quite different treatment from tulips and narcissi. The latter should have an abundance of roots, and the roots require only the heat of the house, while a greater heat is needed to develop the foliage and flower. The valley makes scarcely any roots while being forced, yet they need a high temperature at the roots to induce them to develop their foliage and flower, and the top heat need be only the temperature of the house. The sand in which the roots of valley are inserted should be 85 degrees and the top heat may be 60 degrees. This is for the first month or two. As the time of natural flowering approaches less bottom heat is required, but the top heat never should be over 60 degrees.

Dahlias.

In a rose house temperature, where you have a vacant bench with five inches of soil, you might plant some roots of single, pompon or cactus dahlias. If planted at once you will cut flowers by the middle of April, and from then on in abundance. There are a number of varieties suitable for the purpose, but one of the best and most prolific is the single Twentieth Century, a grand flower, with a fine long stem. I know of no difficulty in growing dahlias under glass, except the common green aphis, which is easily kept down by any of the liquid nicotine solutions, applied with the compressed-air bellows; and, perhaps, red spider in May or June, which is kept in subjection by the hose and pure water, applied with a pressure of seventy-five pounds to the square inch.

Freesias.

Plant a few more pans of freesia. They will not flower much before Easter. Instead of pots, put fifteen bulbs in a 6-inch pan. They are beautiful, sweet flowers, and when thick with blossoms are attractive to all, but when only a few bulbs are planted are thin and not attractive. WILLIAM SCOTT.

TO PROPAGATE HYDRANGEAS.

Would hardwood cuttings of Hydrangea grandiflora be much more likely to grow if started in sandy soil in pots next spring than if set out in the open ground? J. L. D.

The way to propagate Hydrangea grandiflora from hard wood is to cut off the growths of last summer and keep them in a cool cellar, with the ends of the cuttings in moist sand or sandy loam till next April, when the cuttings can be made into pieces of three eyes and put into beds of a light soil.

Another method of propagating the useful shrub is to take off the young growths in June and insert them in three inches of sand in a hotbed, which must be kept close and shaded for two weeks, gradually admitting air. As you give ventilation increase the water. They will be rooted in four or five weeks and in two months from the time of putting in the cuttings the sash of the hotbed can be entirely removed and the rooted cuttings can be planted out in nursery rows the following September. Most of our hardy shrubs can be propagated in this way. W. S.

THE CRAFT AND THE CRAFTSMAN

Choice of a Craft.

Some men succeed in every business and every legitimate avocation, while some others do not succeed in those same pursuits, under equally favorable conditions. The difference, therefore, between success and failure does not necessarily lie in the craft, but in the craftsman himself. This is axiomatic—a self-evident truth. And it is equally true that no man, however successful he may be, or may have been, in one department of our many-sided activities, will succeed equally well in every other, or any other.

It is, then, of the greatest importance, that every man selects for his craft that which he likes, and likes because of his adaptability thereto. It is my good fortune this evening to address a company of gentlemen who have chosen their craft and are in the earnest pursuit of it. The production of fruits, vegetables and flowers, the decoration of the home, the lawn and the landscape, is an avocation worthy of the best there is in the best of men.

Your field of activity is broad—so broad that the man has not yet been born who can say, with any approximation to truthfulness, he has mastered it. This fact alone makes your calling one of peculiar interest to a thoughtful man. Mother Earth is so full of mystery, and delights so often in doing the unexpected, that one is kept ever on the alert. He knows that the unexpected is sure to happen. Then again, Nature guards so jealously the citadel of her secrets, that only observing mortals are allowed to profit from her. The wisest of men succeed only by the most careful observation and practical, persistent application.

Conditions Must be Considered.

Every plant has its own peculiarities, it will succeed in one soil and will not in another. It must have its own conditions complied with or no returns are given. Nothing is more capricious and nothing is more exacting than a living plant, and the higher the order, the more exacting its demands. Hence, the soil, the temperature and all the conditions that have to do with the plant, must be reckoned with before the actual work of production has been begun. The man who does not carefully consider this feature of his problem, acts the part of the man who builds his house upon the sand, without giving due regard to the foundation thereof. Disastrous consequences are sure to follow.

The time was, when people in general thought that the boy who was stupid in his books, not capable of making a lawyer, or a doctor, or a minister, would do to make a cultivator of the soil. But the time has come when men realize that it takes as good brains to compel Nature to give her best, as to do anything else that is worth the doing. It is one thing to cultivate the soil, it is another to compel Nature to do her best.

An address by W. H. Wyman, of the Bay State Nurseries, North Abington, Mass., read before the Boston Gardeners' and Florists' Club, December 18, 1906.

Latent Possibilities.

The wonderful possibilities that are resident in a handful of seed, or a single seed, is a consideration of no mean proportion. How much of human history may be connected with the product of a single seed? The little acorn that you so thoughtlessly throw into the soil may bring forth a plant that shall grow for a hundred years, and men may come for generations to it for shelter and protection. It then may have attained such proportions that it will serve as a keel to a great vessel that does business in all seas, among the nations.

The possibilities that lie in a block of marble are seen to those only who have eyes to see. In that block of marble the sculptor sees, in dim outline, a form. It grows more beautiful as he meditates, until at last, a creation of graceful mould and of angelic expression stands before his vision, for the liberation of which he devotes his energies. Days lengthen into months, and months into years, but he is unmindful of them so intent is he on his work. No, that is not the word. It is work, but that does not express it. It is rather the giving expression of himself. It is a travail of soul, a mental birth.

The product of his genius is almost a thing of life. It was in the block of marble, was it? Yes, and no. To the one man, yes; to the other man, no. More exactly, it was in the mind of the one, it was not in the mind of the other, until the one had revealed it to the other.

So it must be in every field of human activity. The boy, yes, the man, must see visions and dream dreams, always with his eyes open. The merchant lived in that poor boy we saw some years ago, back there on the farm. We did not see him—the merchant—but the boy we saw was looking him squarely in the face all the while. We saw the boy. It was Abe, or Jim or Dan. But Abe saw Abraham Lincoln (as a young man he confessed as much) striking the shackles from millions of slaves. Jim saw James Garfield meeting the unexpected, whatever turn it took; the spirit was living within him, waiting for the occasion. The occasion came and he was there, because Jim was acquainted with James and knew he could be depended upon in an emergency. The old saying is quite true, "the boy is father of the man." The principle holds good in every craft or vocation in life.

The Law of Harmony.

The man who would succeed in this department of human activity must understand well the external elements with which he has to deal. He must see the possibilites vested in a tiny seed, the possibilities in a stretch of wild, unbroken landscape, or a mound of broken rocks. The gardener must have the imagination of the poet, the fine discrimination of the artist. He must not only produce the material, but he must see that the material is arranged so that there shall be no "war among the roses"—no clashing among the flowers.

We have all been in gardens where there was a profusion of beautiful flowers, looked at individually, and yet there was, in reality, little if anything, to admire. On the other hand, we have visited gardens where there were only a limited number of plants, of very common sorts, and we were enchanted by them; common every-day plants and flowers, but so beautiful! They all seemed made for each other, and were so arranged that they were a harmonious feature of the landscape, each one doing duty to the whole.

We have not far to look for the reason for all this. It is that which, in one woman, makes her never well dressed, even if she is clothed in silks and adorned with diamonds. It is that which makes another woman well dressed, even if the fabric grew in the fields of Alabama, and was woven in Lawrence, and unadorned. On this line we might continue indefinitely, but it is not necessary. Is it necessary for me to say that the shepherd must love his sheep, the gunner his gun and the plantsman his plants?



Azalea Firefly, a Popular Christmas Plant at Boston.

Not a Question of Money.

Let us now turn from the work to the workman himself. The sordid question of dollars and cents concerns all of us, for food, shelter and raiment we must have. But the man who never gets above the money standpoint of his calling never gets far toward success in the highest degree. It is the man who becomes engrossed in his work and thinks not of the pay who is doubly paid.

The genius in his craft is the man who has so much in his soul seeking expression that, work hard as he may, he never quite catches up with himself. There is more yet seeking expression and he rejoices every new day for the opportunity of working out that which is pleading for expression from within. A sense of duty well done is in itself a rich reward, and he who does his full duty is sure of substantial remuneration. Elbert Hubbard says: "Folks who never do any more than they get paid for, never get paid for any more than they do."

A Broad Field.

Look over the whole catalogue of trades and professions and tell me which one has a broader range of subjects than has your calling. Contrast your breadth of vision with that of those who toil in factories. The factory operative stands before a machine year after year doing the same thing, no better and no faster than he could do it at the end of the first six months of his service there. His movements are almost as automatic as are those of the machine, of which he seems to be almost a part. Dangers are so many that his mind must be constantly on his work. He cannot think of other things. Not so with you. Your work invites thought, deep, long continued and profound. The book of nature, always open before us, invites our thought. And the more thoroughly we read out the thought of nature, the more nearly right we are doing our work. But it must not be forgotten that nature reveals no secrets to those who think they know it all.

Victory won gives fresh zest to the victor on every field of conflict. And so, as thoughtful men advance they find no day hanging heavily on their hands. They are borne on by a mighty rushing tide of events. The days are all too short, the seasons pass too quickly. The man had been toiling but he knew it not, for he had not watched the hands on the dial, but nature for her secrets—thinking after God his thoughts. Such craftsmen may grow infirm of body because of advancing years, but never does the man grow old. He grows rich and reverent and profound. Hundreds of such noblemen we have seen.

Ennobling Influences.

No priest at the altar deals with anything purer than the flowers—the handiwork of God. And he who has part in their creation should feel the dignity of his calling so that none should be found more child-like in straightforward simplicity than he. We must not forget that there are some exceptions, and in some instances, as in Latin, sometimes we thought the exceptions were more general than the rules. How out of place is a man of low designs and unbridled passions in a bower of pure fragrant flowers. How a man of coarse, unwholesome speech disfigures the landscape. How out of keeping with his surroundings a man looks who has no regard for his personal appearance, who allows himself to go unshaven and unwashed. One feels to say with Hamlet, when he heard the coarse jokes of the clown, "Has this fellow no sense of his business that he sings at grave-making?" The true man sees purity in the dew-drops, hears music in the wind as it plays in the branches above

his head, and breathes the fragrance of the flowers.

The craft elevates, refines and enobles the craftsman in this your chosen field. It cannot be otherwise. Let me not be misunderstood. I am speaking of the real craftsman, the man inside the clothes we see, whom the world can never see only as he is revealed by the work which he does.

On this line there was a man who spoke thus of himself: "The works that I do, they testify of me." And with as much truth we can each say the same words. It is not true of all gardeners, or of all florists, that they are pure of character, chaste in speech and temperate in habit. But it is true of many of them. They are among nature's noblemen. The craft is full of inspiration; but, as in all other walks of life, some go at cross purposes with the tendency of their calling.

Inspiration and its Source.

Not all who paint pictures are artists; not all who build houses are architects; not all who play on musical instruments are musicians; but those who paint pictures that survive are artists; those who design massive structures, which combine strength, grace and beauty for the happiness and convenience of man, are architects; and those who compel the organ to give forth such melodious sounds as to convulse our natures and make the best there is in us wage war with the worst there is in us, are musicians.

What great work can the world produce that was inspired by the sordid, stupid stuff we call dollars? Not one. The inspiration came from a higher plain. There is much in this world that is sordid, but it is not all sordid; much that is bad, but it is not all bad. Because some politician is constantly looking for graft, no reasonably honest man, for a moment, thinks that is true of all politicians. The true man has no itching palm, but he has the burning ambition to give expression to the thought and purpose within. He becomes intensely interested in his work.

When once a man becomes absorbed in some great and noble undertaking, he wakes to a realization of the fact that he is experiencing the happiest moment of his life. He then, it may be for the first time, realizes that Jesus knew whereof he spoke when he said, "He that findeth his life shall lose it; and he that loseth his life for my sake"—for a great, good and mighty purpose—"shall find it."

Ideals in Business.

A man goes into business and to some it seems all sordid, and selfish and mean. There are some who always live in the lowlands intellectually and morally. They cannot appreciate the man who lives upon the highlands, in wholesome air, healthful surroundings, and in God's sunshine. But business is not all sordid and mean. It is what you make it. Your craft is, in character, what you make it. My business is all right. If it is base and sordid it is because the man behind the gun is base and sordid.

The highest ideal known to man is service. The apostle Paul in his letters often spoke of himself as a slave of his master, as one that serves. He who serves his fellows most faithfully is himself most faithfully served. He that sows sparingly reaps sparingly.

Gentlemen, I must not weary you, but allow me to congratulate you that you



Skimmia Japonica, a Popular Christmas Plants at Boston.

are all servants. Some are serving in a public capacity, others in a private, but we are all servants, and he serves best who lives the purest, strives most intelligently and acts the best.

The Scope of the Horticulturist.

And in closing let us look for a brief moment at the scope of your labors. You may possibly have moments when you take a narrow view of the worth of your calling. You may see the flowers wither and decay, the vegetables eaten and gone, and you may say there is no permanent value as a result of your toil. But if that were all, it were no mean thing. The flowers served their purpose; they gladdened human hearts; they brought sunshine into many a sick chamber. The vegetables you produced gave nourishment and health to busy workers of hand and brain. Their work could not have been done as well but for your work. This is the nearer view of the situation.

There is a broader outlook. Coming generations will eat fruit from the trees your hands have planted long years after you are gone. Thousands and tens of thousands of earth's weary sons and daughters will sit beneath the strong arms of the oaks and the elms and the maples that you have planted and refresh their wearied bodies. Happy child life will voice a psalm of praise to their unknown benefactor.

Permanency of the Work.

Soon your names will be forgotten but your work will long remain. In a measure it will be true of you as it was of those who fell at Gettysburg, whose great work was summed up in a few well chosen words by President Lincoln, "In a large sense we cannot dedicate, we cannot consecrate, we cannot hallow this ground. The brave men living and dead, who struggled here have consecrated it far above our power to add or detract. The world will little note nor long remember what we say here, but it can never forget what they did here."

But this is not all. Trees, like fruits and flowers, have their day. The end comes some time. The fashion of this world changes. Is there nothing more permanent that you have done? Yes, for many of you have changed the very face of nature. You have taken a rough, unsightly stretch of country and converted it into a veritable paradise of beauty. With pick and shovel, instead of the palette and brush you have wrought a picture, a dream of beauty, which will be more and more highly prized by men and women for a thousand generations.

But does not this mark the end of the sphere of influence of your craft? By no means. The great soul of the artist lives forever in the souls of men inspired by his touch. Shakespeare said, "The evil men do lives after them, while the good is oft interred with their bones," and as truthfully can it be said of great and good men in every walk in life. The good men do lives after them. Your life and mine in the final analysis will be worth just what good we can do, the service we can render in our time. This is the great goal of life, the prize to be coveted, the end to be sought.

Lives of great men all remind us,
We can make our lives sublime
And, departing, leave behind us,
Footprints on the sands of time.

Footprints that perhaps another
Sailing o'er life's solemn main,
A forlorn and shipwrecked brother
Seeing, may take hope again.

Let us then be up and doing
With a heart for any fate.
Still achieving, still pursuing,
Learn to labor and to wait.

ALTOONA, PA.—A. A. Whitebred opened a store for the holiday season at 1503½ Eleventh avenue, a convenience to downtown shoppers.

THE ROEHRS' WAGONS.

The accompanying illustration is from a photograph of the teams of the Julius Roehrs Co., Rutherford, N. J., taken just outside the greenhouses on the day before Thanksgiving. It will give growers of cut flowers who have no greater ranges of glass some idea of the delivery facilities required by a plantsman growing for the New York market.

CARNATIONS

CARNATION NOTES.—WEST.

Potting the Cuttings.

Having succeeded in getting a good percentage of the cuttings to take root, they should be potted as soon as they have formed a nice tuft of rootlets. You will find that by the time the most tardy ones are rooted the majority of the batch will be in proper shape for potting. They should not be allowed to remain in the sand long after they are ready to pot.

The one thing you must bear in mind, from the time you put the cuttings into the sand until you plant them into the houses next summer, is that these cuttings are your next season's stock and nothing is too good for them. Many growers are inclined to harbor the idea that anything is good enough for the young plants and that if they can plant fairly good plants into the field they can make up any deficiency during the summer. When late planting was the rule and the plants had a long growing season this could often be done to some extent. But these days, when the plants remain in the field a bare three months and every day should be taken up by development rather than recuperation, it becomes imperative that you plant out strong, sturdy plants that are ready to go right ahead. During the next four months the tendency to neglect is stronger than at any other period of the plant's development.

Use Good Soil.

To begin with, use good soil to pot the cuttings into. Don't use old chrysanthemum soil, as we see done so often. Just because this soil has lots of manure in it and it looks light and mellow is no reason why it is good. Use the same soil you used on your carnation benches, or as good, and mix in about one-fifth more of well-rotted manure, and a shovelful of sharp sand to each bushel of the mixture. Screen this through a ½-inch mesh as you use it. Don't screen a big lot and let it lie, but screen what your potting bench will hold and will be used up in a few days. It will be in better mechanical condition.

Cuttings that are potted during the next six weeks should be potted into 2-inch pots and shifted later into a larger size, according to the strength of the plants. If potted into 2½-inch pots this early and left in those pots until planted in the field they would be stunted and hard and would never make high-grade stock. The one thing to strive for is a moderate, sturdy, steady growth from beginning to end.

Potting an Art.

There is more art in potting plants than appears on the surface, and especially if speed is desired as well as good work. All expert potters have a system by which they work and when everything is as it should be a good potter will work like a clock and as smoothly. Every move he makes has its place in the system, and no unnecessary move is made to cause a loss of time. Speed does not necessarily mean a low grade of work. In fact, you will frequently find that the fastest one in a bunch of potters will be doing the best grade of work. The man who keeps both hands busy all the time and moves his hands quickly, eliminating all unnecessary movements, will do just as good work as the slower mover and will do more of it.

The Routine of Potting.

The system we teach every man who pots on our place is as follows: Place the pots at the left hand and have the soil in a convenient pile close against the pots and to the right. Place the tray on top of the soil and close to the pots and let the end next to the pots be a few inches lower than the other end. This is done to aid in setting the pots into the tray quickly and to prevent falling over. You will quickly see the advantage in this. As to the cuttings, a convenient handful at a time is placed next to the pots in the triangle of space, made by clearing a small space for working, directly in front of the potter. You will notice that everything is in close proximity, to make every movement as short as possible. Every time you have to lean over to reach or to turn around it causes a waste of time and it tires you, but under this system the potter stands erect and moves only his arms and hands.

Now to pot the cuttings: Grasp a pot in the left hand and simultaneously brush the loose soil away with the back of your right hand, then pick up a cutting with the left hand and at the same time scoop up a handful of soil in the right hand. Both hands come together at the pot, the left hand a trifle in advance and holding the roots in the pot as deep as they are to be and giving a slight shake to make them hang naturally. The soil is filled in around them and a thumb on each side presses the soil down, and by a quick change the remaining two sides are pressed, also with the thumbs, without moving the pot. In picking up the pot with the right hand it is given a slight twirl and knock on the bench and quickly placed in the tray. While the right hand is doing this the left hand is reaching for another pot, ready to set down as soon as the right has cleared a space. Under this system the work is so well divided that, except for mishap, neither hand will need to wait for the other at any time, and that is where the saving in time comes in.

The Question of Speed.

We have seen men pot in many different ways, but have never seen a system that would allow such speed and clean work as this one. How many plants can a good potter pot in a day under this system, do you ask? To begin with, I would say that expert potters who have speed, etc., usually have their pots brought to them and the plants set away for them and when several are potting even the cuttings are taken up for them. All they need to do is to pot



The Delivery Teams of the Julius Roehrs Co., Rutherford, N. J.

and a few other trifling things around the potting bench. Any active man under these conditions should pot not less than 5,000 2-inch pots in ten hours and 6,000 is not too many to expect, and good work should be done. I am not speaking now of any attempt toward making a record, but a day's work for weeks or months at a time. This may not seem of great importance to the smaller grower who plants 5,000 or 10,000 young plants each year, but I claim it is.

While you may, most of the time, be able to get through your work without undue haste, yet every grower knows that there are times when time is everything, and I claim that a majority of growers waste more time on their potting than they do on anything else in the routine of greenhouse work. And during potting time there is plenty to do. To adopt a system like this does not necessarily mean working at top speed unless you are so inclined, but it does mean a maximum of good work for a minimum of effort.

Allow for Water.

Don't fill the pots too full, but allow for watering. There should be a scant quarter-inch below the edge of a 2-inch pot to hold water when it is soaking into the soil, else if the soil once gets dry you cannot soak it through again. This is a mistake made too often by beginners. As soon as set into the house they should be watered, but I will have more to say on this subject next week.

A. F. J. BAUR.

TEMPERATURE.

At what temperature shall I run my greenhouse to get the best results for Enchantress, Vesper and Mrs. Lawson? What is their appearance when overfed? A. G. B.

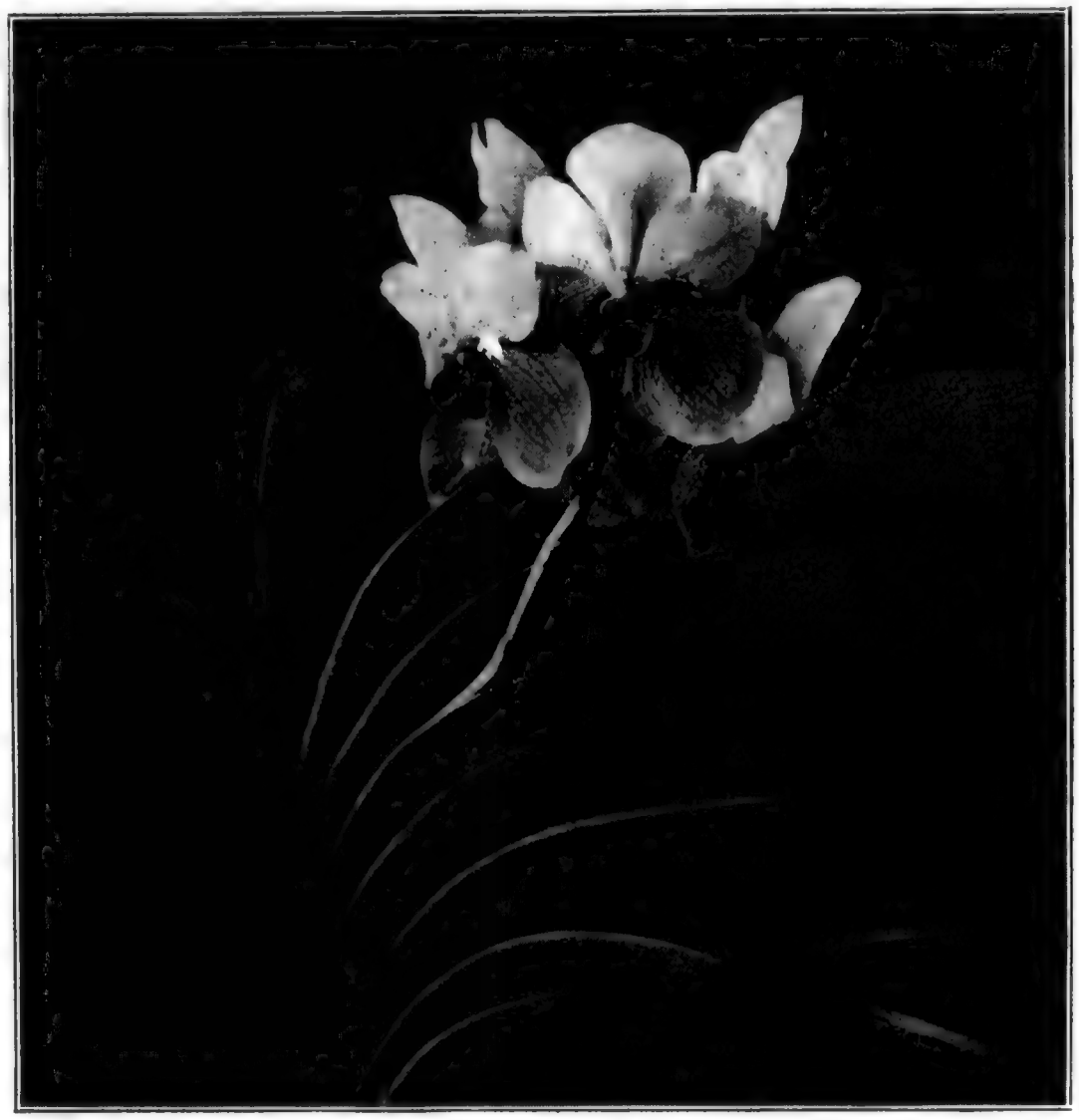
You will find a night temperature of 52 degrees about as satisfactory as you can get for the varieties you name. Enchantress prefers 50 degrees while Mrs. Lawson prefers 55 degrees. Vesper likes about 52 degrees. On cloudy days raise the temperature about 6 degrees and on sunny days raise it 10 to 15 degrees with some ventilation.

When carnations are overfed the blooms will become soft and will not keep any length of time. On some varieties the blooms will lose their natural form and will look ragged, frequently splitting the calyx. The plants, too, will look over-rank and soft and will wilt easily. While it is not easy to explain to a beginner all the symptoms so he will understand, yet to an experienced grower it is like an open book. He can detect it immediately he looks over the plants. A. F. J. B.

TOBACCO STEM ASHES.

Of what value are the ashes of tobacco stems to carnations and what is the principal chemical substance contained in these ashes? L. L.

You can use ashes made from tobacco stems about the same as you would hardwood ashes. Both of these are especially rich in potash and are used for that property. It strengthens the stems and toughens the fibre of the plant. Like lime, it will also free other plant foods contained in the soil and you will notice, after an application, a renewed vigor in the plants. As with all chemicals, it must not be used too freely. We have seen it cause the stems on some varieties to become so brittle that they would snap at the joints from the mere weight of the blooms. A light application once each month or six weeks is enough as a rule. A. F. J. B.



Vanda Sanderiana.

THRIPS.

I enclose a bud of Lady Bountiful. The carnations appear to be all right when forming, then torn like this one. Can you tell the cause and the remedy. L. A. D.

We have noticed this same thing on Lady Bountiful early in the fall, before the plants were well established and when the blooms were coming single. We have always attributed it to thrips and think they are likely at the bottom of your trouble. Later on, when the blooms began to come more double and after we had sprayed them regularly for a few weeks, it disappeared entirely. You do not say what date your carnations were planted, so I cannot be sure that your plants will naturally outgrow it. If they were planted much later than September 1 you will likely be troubled in this way until the days begin to get longer and the plants get into a strong growth, when the blooms will be full and well formed. Spray them regularly with one of the tobacco preparations to keep down aphis and thrips.

A. F. J. B.

CARNATION EXHIBITS.

George H. Mills, who is to be superintendent of the approaching Toronto exhibition of the American Carnation Society, requests exhibitors to ship all parcels by the Canadian Express Co. at frontier points, Suspension Bridge, N. Y.; Buffalo, N. Y.; Detroit and Port Huron, Mich., as he thinks this will assist in getting quick delivery.

VANDA SANDERIANA.

This rather striking vanda is not much seen in orchid collections. A native of the Philippines, it was introduced in 1881. The flowers are large, four to five inches in diameter and flat. The dorsal sepal and small petals are pink, stained with buff, the lower pair tawny yellow varied with brownish crimson. The small lip is purplish-red at the base, the top being chocolate.

Unlike V. cærulea, this vanda enjoys tropical heat and the winter minimum should not fall below 60 to 65 degrees. Baskets are best for its culture, fern fiber and sphagnum being suitable rooting mediums. The flowering period is October and November. While a picturesque variety, this will never become plentiful enough to be of any commercial value. W. N. C.

THE GLASS MARKET.

It is the general prediction among well-informed jobbers in window glass that prices will shortly be higher; indeed, an advance of five per cent is anticipated within a few days. Lester C. Partridge, of Sharp, Partridge & Co., Chicago, says that prices will undoubtedly be much firmer from now on and A. L. LeVaque, of the Pittsburgh Plate Glass Co., agrees that those who defer buying will have to pay higher prices for their supplies. Incidentally, prices now are not low but the glass trade says they are low compared to the prices of other commodities. Both Mr. LeVaque and Mr. Partridge report that there is every indication of a greater demand for greenhouse sizes than ever has been

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The accompanying illustration is from a photograph of one of the Julius Roehrs Co.'s Rutherford, N. J., teams just outside the greenhouses on the day before Thanksgiving. It will give growers of cut flowers who have no greater ranges of glass some idea of the delivery facilities required by a plantsman growing for the New York market.

CARNATIONS

CARNATION NOTES.—WEST.

Potting the Cuttings.

Having succeeded in getting a good percentage of the cuttings to take root, they should be potted as soon as they have formed a nice tuft of rootlets. You will find that by the time the most tardy ones are rooted the majority of the batch will be in proper shape for potting. They should not be allowed to remain in the sand long after they are ready to pot.

The one thing you must bear in mind, from the time you put the cuttings into the sand until you plant them into the houses next summer, is that these cuttings are your next season's stock and nothing is too good for them. Many growers are inclined to harbor the idea that anything is good enough for the young plants and that if they can plant fairly good plants into the field they can make up any deficiency during the summer. When late planting was the rule and the plants had a long growing season this could often be done to some extent. But these days, when the plants remain in the field a bare three months and every day should be taken up by development rather than recuperation, it becomes imperative that you plant out strong, sturdy plants that are ready to go right ahead. During the next four months the tendency to neglect is stronger than at any other period of the plant's development.

Use Good Soil.

To begin with, use good soil to pot the cuttings into. Don't use old chrysanthemum soil, as we see done so often. Just because this soil has lots of manure in it and it looks light and mellow is no reason why it is good. It's the same soil you used on your carnation benches, or as good, and mix in about one-fifth more of well-rotted manure, and a shovelful of sharp sand to each bushel of the mixture. Screen this through a ½-inch mesh as you use it. Don't screen a big lot and let it lie, but screen what your potting bench will hold and will be used up in a few days. It will be in better mechanical condition.

Cuttings that are potted during the next six weeks should be potted into 2-inch pots and shifted later into a larger size, according to the strength of the plants. If potted into 2½ inch pots this early and left in those pots until planted in the field they would be stunted and hard and would never make high-grade stock. The one thing to strive for is a moderate, sturdy, steady growth from beginning to end.

Potting an Art.

There is more art in potting plants than appears on the surface, and especially if speed is desired as well as good work. All expert potters have a system by which they work and when everything is as it should be a good potter will work like a clock and as smoothly. Every move he makes has its place in the system, and no unnecessary move is made to cause a loss of time. Speed does not necessarily mean a low grade of work. In fact, you will frequently find that the fastest one in a bunch of potters will be doing the best grade of work. The man who keeps both hands busy all the time and moves his hands quickly, eliminating all unnecessary movements, will do just as good work as the slower mover and will do more of it.

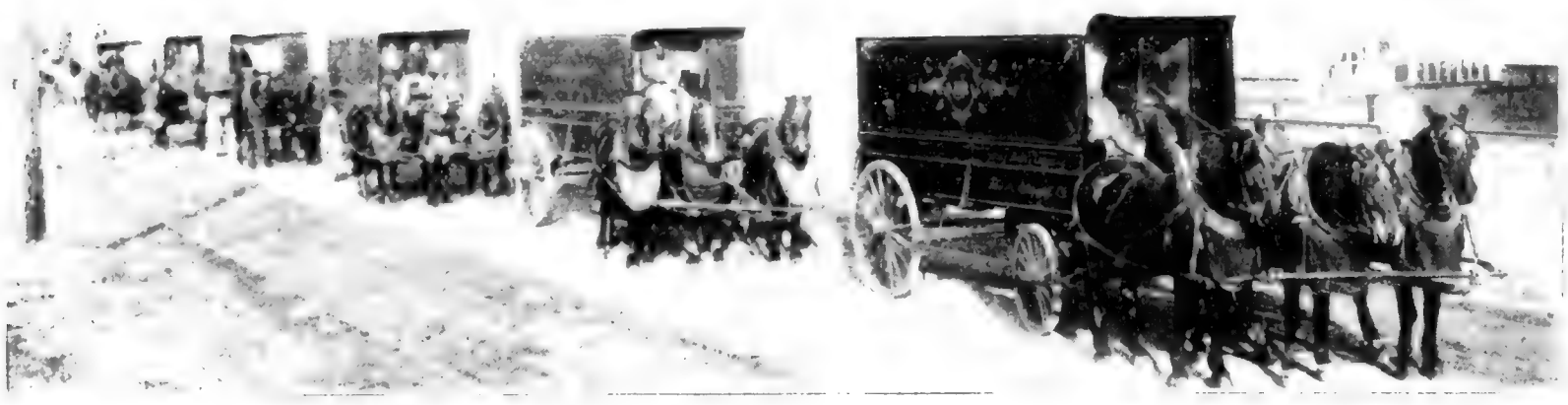
The Routine of Potting.

The system we teach every man who pots on our place is as follows: Place the pots at the left hand and have the soil in a convenient pile close against the pots and to the right. Place the tray on top of the soil and close to the pots and let the end next to the pots be a few inches lower than the other end. This is done to aid in setting the pots into the tray quickly and to prevent falling over. You will quickly see the advantage in this. As to the cuttings, a convenient handful at a time is placed next to the pots in the triangle of space, made by clearing a small space for working directly in front of the potter. You will notice that everything is in close proximity, to make every movement as short as possible. Every time you have to lean over to reach or to turn around it causes a waste of time and it tires you, but under this system the potter stands erect and moves only his arms and hands.

Now to pot the cuttings. Grasp a pot in the left hand and simultaneously brush the loose soil away with the back of your right hand, then pick up a cutting with the left hand and at the same time scoop up a handful of soil in the right hand. Both hands come together at the pot, the left hand a trifle in advance and holding the roots in the pot as deep as they are to be and giving a slight shake to make them hang naturally. The soil is filled in around them and a thumb on each side presses the soil down, and by a quick change the remaining two sides are pressed, also with the thumbs, without moving the pot. In picking up the pot with the right hand it is given a slight twirl and knock on the bench and quickly placed in the tray. While the right hand is doing this the left hand is reaching for another pot, ready to set down as soon as the right has cleared a space. Under this system the work is so well divided that, except for mishap, neither hand will need to wait for the other at any time, and that is where the saving in time comes in.

The Question of Speed.

We have seen men pot in many different ways, but have never seen a system that would allow such speed and clean work as this one. How many plants can a good potter pot in a day under this system, do you ask? To begin with, I would say that expert potters who have speed, etc., usually have their pots brought to them and the plants set away for them and when several are potting even the cuttings are taken up for them. All they need to do is to pot



The Delivery Teams of the Julius Roehrs Co., Rutherford, N. J.

and a few other trifling things around the potting bench. Any active man under these conditions should pot not less than 5,000 2-inch pots in ten hours and 6,000 is not too many to expect, and good work should be done. I am not speaking now of any attempt toward making a record, but a day's work for weeks or months at a time. This may not seem of great importance to the smaller grower who plants 5,000 or 10,000 young plants each year, but I claim it is.

While you may, most of the time, be able to get through your work without undue haste, yet every grower knows that there are times when time is everything, and I claim that a majority of growers waste more time on their potting than they do on anything else in the routine of greenhouse work. And during potting time there is plenty to do. To adopt a system like this does not necessarily mean working at top speed unless you are so inclined, but it does mean a maximum of good work for a minimum of effort.

Allow for Water.

Don't fill the pots too full, but allow for watering. There should be a scant quarter inch below the edge of a 2-inch pot to hold water when it is soaking into the soil, else if the soil once gets dry you cannot soak it through again. This is a mistake made too often by beginners. As soon as set into the house they should be watered, but I will have more to say on this subject next week.

A. F. J. BAUR.



Vanda Sanderiana.

TEMPERATURE.

At what temperature shall I run my greenhouse to get the best results for Enchantress, Vesper and Mrs. Lawson? What is their appearance when overfed? A. G. B.

You will find a night temperature of 52 degrees about as satisfactory as you can get for the varieties you name. Enchantress prefers 50 degrees while Mrs. Lawson prefers 55 degrees. Vesper likes about 52 degrees. On cloudy days raise the temperature about 6 degrees and on sunny days raise it 10 to 15 degrees with some ventilation.

When carnations are overfed the blooms will become soft and will not keep any length of time. On some varieties the blooms will lose their natural form and will look ragged, frequently splitting the calyx. The plants, too, will look over rank and soft and will wilt easily. While it is not easy to explain to a beginner all the symptoms so he will understand, yet to an experienced grower it is like an open book. He can detect it immediately he looks over the plants. W. F. J. B.

TOBACCO STEM ASHES.

Of your value are the ashes of tobacco stems to carnations and what is the principal chemical substance to be found in these ashes. J.

You can use ashes made from tobacco stems about the same as you would hardwood ashes. Both of these are especially rich in potash and are used for that property. It strengthens the stems and toughens the tube of the plant. Like lime, it will also free other plant foods contained in the soil and you will notice, after an application, a renewed vigor in the plants. As with all chemicals, it must not be used too freely. We have seen it cause the stems on some varieties to become so brittle that they would snap at the joints from the mere weight of the blooms. A light application once each month or six weeks is enough as a rule. W. F. J. B.

THRIPS.

I enclose a box of Lady Bountiful. The carnations appear to be all right when forming, then turn like this one. Can you tell the cause and the remedy? L. A. D.

We have noticed this same thing on Lady Bountiful early in the fall, before the plants were well established and when the blooms were coming single. We have always attributed it to thrips and think they are likely at the bottom of your trouble. Later on, when the blooms began to come more double and after we had sprayed them regularly for a few weeks, it disappeared entirely. You do not say what date your carnations were planted, so I cannot tell as to that your plants will naturally respond at. If they were planted [illegible] than September 1 you will often be troubled in this way after the days begin to get longer and the plants get into a strong growth, even the blooms will be full and well formed. Spray them regularly with one of the [illegible] preparations to keep the thrips [illegible]

W. F. J. B.

CARNATION EXHIBITS.

[illegible] president of the approaching Toronto exhibition of the American Carnation Society, requests exhibitors to ship all goods by the Canadian Express Co. to frontier points, Suspension Bridge, N. Y.; Buffalo, N. Y.; Detroit, Mich.; [illegible] assist in getting [illegible]

VANDA SANDERIANA.

[illegible] botanical [illegible] Vanda Sanderiana, [illegible] Philippines, it was introduced [illegible] 1881. The flowers are large, [illegible] five inches in diameter and the [illegible] dorsal sepal and small petals are [illegible] stained with buff, the lower [illegible] yellow [illegible] with brownish [illegible] The small lip is purplish-red at [illegible] the top being chocolate.

Unlike V. coerulea, [illegible] a cooler tropical heat and the winter [illegible] should not fall below 60 degrees. Baskets are best for its culture, [illegible] fiber and sphagnum being [illegible]

[illegible] October and November. [illegible] especially [illegible] great [illegible]

W. N.

THE GLASS MARKET.

[illegible]

known. They say that inquiry is beginning earlier than usual and that buyers are asking for prices on larger average lots than is usually the case. Incidentally it is noteworthy that they are figuring on a number of big lots for large growers for the Chicago market.

Mr. LeVaque says that greenhouse owners do not understand the difficulty which attends procuring supplies of greenhouse sizes. The florist does not appreciate that the glass-blowers are paid higher wages for making the larger sizes of glass and that, therefore, there is a natural disinclination on the part of the workmen to cut the greenhouse sizes. The significance of this lies in the fact that there are more glass factories than there are glass-blowers to operate them and naturally the employer must keep his men at work on the sizes that pay the workmen best or see them desert his factory for one where they can get employment on the sizes that bring the workers the most money.

Another point is that the recent organization of glass manufacturers purposes to end the season's fire not later than May 15, which is fully six weeks earlier than usual. There appears little likelihood of any considerable accumulation of greenhouse sizes before that date and it is quite possible that next autumn will see the market bare of greenhouse sizes.

Little glass is now being imported because the Belgian glass-makers have recently come to a good working agreement and it is not possible to buy there and pay duty, transportation, etc., and compete with the present domestic prices.

LEXINGTON, MO.—Mrs. J. P. Coen has sold her residence and greenhouse to D. W. Trine, of Dooley, Va., who took possession December 12. The new owner comes highly recommended.

A SUCCESSFUL CAREER.

John Eblen, "Honest John," of New Orleans, has an interesting history, and one that points a moral, though it may not adorn a tale.

He was born in Wurtemberg, Germany, in 1843, and has been engaged in horticulture since leaving school at the age of 18 years. He began with his uncle at Stuttgart, going from there to the royal gardens at Kennstadt. When 23 years old he went to Paris, where he was employed in the government gardens which supply plants and flowers for public places. From that position he went to work for the estate of the late Baron Rothschild, in which position he continued until the war between France and Germany in 1871, when the unpleasant conditions prompted him to come to the United States. He selected New Orleans as his location, and soon began business for himself. In 1876 he established Mount Ararat Nursery, in the vicinity of Audubon park. His knowledge of the business, coupled with his industry and integrity, made him successful from the start. When the New Orleans Horticultural Society was formed in 1884, Mr. Eblen was elected treasurer, which position he has held ever since. This alone is indicative of the high esteem in which he is held by his brethren in the craft.

As a grower Mr. Eblen is successful with all plants, and especially with the delicate ones. He is now making a specialty of adiantum. By careful investments and shrewd business tact he is now in excellent financial circumstances, and can retire from business at any time, with the knowledge that he has been successful in the best sense of the word. His domestic relations have always been congenial, and his large family of children, now grown up, and some of them well established, have reason to be proud of their father's achievements.



John Eblen.

NEW SWEET PEAS.

Progeny of Gladys Unwin.

The advent of the Countess Spencer type of sweet pea marked the greatest advance made in many years of fairly rapid progress with this popular flower, but it remained for an English amateur gardener to "fix" these new qualities in the variety which has gone around the world as Gladys Unwin. From Gladys Unwin have come several new colors, the varieties said to have all the characteristics of the parent and as unchangeable as in that variety. Four of these have been grown in sufficient quantity that they soon will be claiming the attention of American sweet pea fanciers. They each produce seventy to seventy-five per cent, four blooms to the stalk.

These new varieties, which are shown in the colored plate sent out as a supplement with this issue of the REVIEW may be described as follows:

Nora Unwin takes its place easily in the front rank of whites, far outdistancing Dorothy Eckford, which was hitherto considered the finest white. This variety has the same bold, wavy standard as Gladys Unwin.

Mrs. Alfred Watkins is a superb pink of Gladys Unwin type, the same pale pink color as the old Princess Beatrice, which was thought so much of when it came out many years ago; but the flowers of Mrs. Alfred Watkins are so much larger and have the beautiful, bold wavy standard of Gladys Unwin. It will be one of the best market varieties for cut bloom.

Frank Dolby is a lovely pale blue, the same shade as Lady Grisel Hamilton but much larger, and, being also bred from Gladys Unwin, it has the same bold, wavy standard. It is the largest and finest pale blue sweet pea.

E. J. Castle is a magnificent addition to the Gladys Unwin class, with the same large flowers and bold, wavy standard of its parent. It is somewhat lighter than John Ingman, but with rather more salmon shading in the standard, and has a lovely effect.

SWEET PEAS.

I grow a great many sweet peas and have had the best of success with them. I have never shipped to the New York market, but mean to try this year. Can you give me a little advice on this subject? Will it be best to bunch them fifty in a bunch, or 100? They are picked here in the morning, placed in water until packed, shipped at 8 in the evening and will reach New York early in the morning, about 8 a. m. Will it be advisable to wrap each bunch in wax paper, or would they be less liable to heat if not wrapped? Would you advise shipping to a wholesaler or a retailer? We expect to pick about 10,000 stems per day. Last year I began picking June 20 and picked continuously until October 7. Would any other fertilizer besides stable manure and wood ashes be advisable for use?

MRS. LOUIS J. BATES.

Watkins, N. Y.

We should recommend by all means shipping to a wholesale commission florist. Pick out one among the advertisers in the REVIEW and write to him about picking, bunching, packing and shipping. He also will tell you what colors or varieties he can use to best advantage.—ED.

NEW SWEET PEAS



THE WEEKLY FLORISTS' REVIEW

NEW SWEET PEAS





Supplement to

THE WEEKLY FLORISTS' REVIEW

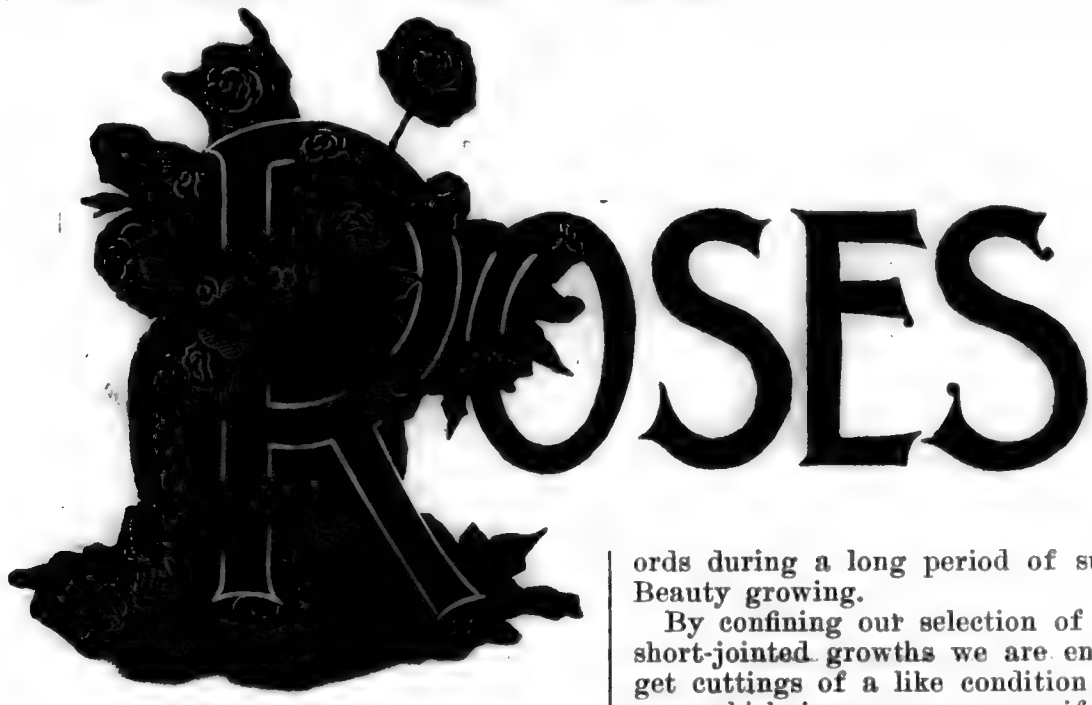
December 27, 1906.

SEE ARTICLE ON "NEW SWEET PEAS" IN THIS ISSUE.

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W. S.



PROPAGATING BEAUTIES.

The methods of propagating American Beauties, particularly in the selection of propagating wood is somewhat different from that employed where teas or their hybrids are concerned and many of the failures attending the propagation of this rose arise from the fact that they are treated much in the same manner as Brides, Richmonds, etc. In nearly all houses devoted to Beauties there will be found a percentage of plants which while being very vigorous in growth, with a wealth of foliage, persistently refuse to make buds during the winter season and seem, in spite of all treatment, to devote their entire vitality to making wood.

As a cutting is by no means a new plant, such as we get from a seed, but simply a perpetuation of part of a branch of the old plant, we ought to be careful in selecting the wood so as not to perpetuate any branch having any disease, weakness or other undesirable characteristics. Those plants which have refused to make buds will of course have a larger supply of wood than those which have done their part in bearing blooms, and consequently present a larger harvest of cutting wood which, producing no revenue, invites the propagator to use it in preference to denuding the plants which show an inclination to produce buds.

Plants which have a good habit and have proved themselves free bloomers should always be selected as these characters will undoubtedly under careful cultivation be maintained and possibly accentuated in the young stock if this system of selection is followed year after year.

Close jointed, well ripened wood from this class of stock will produce stock of a more uniform size and habit and the productiveness will be increased perceptibly if this system is persistently followed. This statement is deduced from actual experiment and supported by records during a long period of successful Beauty growing.

By confining our selection of wood to short-jointed growths we are enabled to get cuttings of a like condition of ripeness which insures a more uniform root formation than if long stems be used for cutting wood as it stands to reason that only a limited number of eyes on such a stem can be in a fit state to make a successful plant and form roots in the same period of time. The consequences will be that the rooting stage will be very uneven.

A cutting with three or four eyes is preferable to a one-eyed cutting as they make a more thrifty plant and do not make such a soft, rank growth, but form a bush quicker when benched.

Ribes.

POOR SOIL.

I am sending a rose plant from a bench that was planted in June, in soil piled up over winter, then mixed with one-fifth its bulk of rotted manure, mostly horse manure. The plants were good plants out of 4-inch pots, and at first seemed to be doing finely, but early in the fall commenced to go back, until now they are mostly in the condition you see. They have had good attention, plenty of ventilation, night temperature of 58 to 60 degrees. In the same house is a bench planted in different soil, soil procured in the spring and manured as the other and used at once, all sod soil from old pasture. It is doing well. The soil I am sending is, as you see, full of small insects like thrips only white. If you can give me any light on this matter I would be glad. We had a little of the same trouble last year; same soil. Before this we have always had fair success with roses.

D. P. S.

After a careful examination of these plants and the soil accompanying them



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I am forced to the conclusion that they are simply suffering from want of proper food. The soil is of a poor quality and not at all suited for roses.

The best and surest remedy would be to give frequent and light mulches of decomposed cow manure, and I have found it beneficial under such conditions to give a generous sprinkling of bone meal to the bench before applying the mulch.

Until the plants begin to show some vigor great care must be exercised in watering as evaporation is slow at this season and the plants being weak cannot use much water.

One of the plants is also affected with anthracnose, doubtless brought on and encouraged by their weak condition. This disease is liable to spread and affect the healthy and stronger plants if not checked.

Cut off and burn all decaying shoots a few inches below the point affected. Give plenty of ventilation whenever possible and spray once a week with the copper solution (cupram) using a nozzle that makes a very fine spray.

The insects in the soil are the larvæ of thrips and are a sure indication that the perfect insect is in the house and at work. Light fumigation will hold them in check if practiced persistently twice a week. To make the fumes more effective some growers sprinkle red pepper on the stems with good results. RIBES.

THE TRADE IN MISSISSIPPI.

Among the progressive florists are the Misses Lucy E. and Sue M. Cabaniss, of Jackson, Miss. They started in the flower business absolutely without capital, and now have a nice trade, with a greenhouse in the outskirts of town for growing ferns and other plants, but they still look to Chicago for the cut flowers used at their flourishing stand in the city. The accompanying illustration is from a photograph of their booth at the recent successful Mississippi Industrial Exposition. The young man in the picture is Lindsey P. Cabaniss, who has charge of the cut flower department. The Misses Cabaniss say that, while the florist business in Mississippi has not attained the proportions it has in northern, and particularly eastern, cities, still the people of Jackson are fully alive to the beauty and desirability of both flowers and plants and lend every encouragement possible to those in the trade.

NOTES FROM ENGLAND.

A grand thing in the way of ferns is being placed on the market this fall by Messrs. T. Rochford & Sons, Ltd., of Broxbourne, Herts, called Nephrolepis Todeaoides. It is said to be one of the most beautiful ferns ever put into commerce, even surpassing that beautiful variety, Todea superba. It has received favorable press notice and has obtained several certificates and awards. The following is the raiser's description: "This is undoubtedly the most beautiful, as well as the most distinct, of all known forms of nephrolepis and seems to mark the limit of the process of evolution in that genus, which has lately given us many handsome forms, all of which fall short in beauty of the present variety. The fronds are three feet long and twelve inches broad in their widest part, and are distinctly tripinnate, with the second leaflets twisting a little from the surface of the frond. The third leaflets are of a distinctly curly nature and give the massive fronds a singularly light and airy appearance, the general aspect being like a well-curled ostrich feather of a pleasing green color."

The variety will doubtless become a general and popular market sort, a great feature being the furnishing of the small plants, which, when only in 2-inch or 3-inch pots, carry several large moss-like fronds.

The same firm is also offering a new begonia called Masterpiece, which is described as a new and improved form of Gloire de Lorraine. The habit of growth and color of bloom, etc., being a glorified type of the latter variety. Some improvement has for some time been needed in the stocks of Gloire de Lorraine. The type in some instance lacking the good qualities to which it owed its fame and value in commerce at the time of its introduction. Any improvement, or even keeping the variety to its true character is much to be desired.

The Winter Flowering Carnation Society held its first show on December 4, which was a great success. With Improved White Lawson A. F. Dutton, Iver, Bucks, secured first prize for the best white. The same grower had the best pink in Mrs. T. W. Lawson. Enchantress took the premium for blush pink. Robert Craig was undoubtedly a fine scarlet, but not equal to the new Brittania, which was the best of that color in the show. In trade exhibits the following received gold medals: H. Burnett, Guernsey, and A. Smith, Enfield. The following firms silver gilt medals: Cutbush & Sons, Highgate; Hugh Lowe & Co., Bush Hill Park; A. F. Dutton, Iver, Bucks, and Bell & Sheldon, Guernsey. B. J.

ASTERS.

I wish to raise asters for market next summer and would like to know the three best classes to grow, also what fertilizers other than stable manure and wood ashes it would be advisable to use, my soil being clay loam.

Where can I get a good work or treatise on raising asters for market? Also what size box would it be advisable to use for shipping? Would 12x16 and three feet long be large enough to heat.

L. J. B.

If you are going in for asters as extensively as you say you will doubtless try many varieties in the course of a few years. There are so many varieties it is



Booth of the Misses Cabaniss at Mississippi Industrial Exposition.

night temperature of 55 to 60 degrees. Charles X is purple in color, but forces rapidly. Marie Legraye, pure white, is the most useful to the florist and of double varieties, Madame Lemoine is fine.

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The insects in the soil are the larvæ of thrips and are a sure indication that the perfect insect is in the house and at work. Light fumigation will hold them in check if practiced persistently twice a week. To make the fumes more effective some growers sprinkle red pepper on the stems with good results. RIBES.

THE TRADE IN MISSISSIPPI.

Among the progressive florists are the Misses Lucy E. and Sue M. Cabaniss, of Jackson, Miss. They started in the flower business absolutely without capital, and now have a nice trade, with a greenhouse in the outskirts of town for growing ferns and other plants, but they still look to Chicago for the cut flowers used at their flourishing stand in the city. The accompanying illustration is from a photograph of their booth at the recent successful Mississippi Industrial Exposition. The young man in the picture is Lindsey P. Cabaniss, who has charge of the cut flower department. The Misses Cabaniss say that, while the florist business in Mississippi has not attained the proportions it has in northern, and particularly eastern, cities, still the people of Jackson are fully alive to the beauty and desirability of both flowers and plants and lend every encouragement possible to those in the trade.

NOTES FROM ENGLAND.

A grand thing in the way of ferns is being placed on the market this fall by Messrs. T. Rochford & Sons, Ltd., of Broxbourne, Herts, called Nephrolepis Todeaoides. It is said to be one of the most beautiful ferns ever put into commerce, even surpassing that beautiful variety, Todea superba. It has received favorable press notice and has obtained several certificates and awards. The following is the raiser's description: "This is undoubtedly the most beautiful, as well as the most distinct, of all known forms of nephrolepis and seems to mark the limit of the process of evolution in that genus, which has lately given us many handsome forms, all of which fall short in beauty of the present variety. The fronds are three feet long and twelve inches broad in their widest part, and are distinctly tripinnate, with the second leaflets twisting a little from the surface of the frond. The third leaflets are of a distinctly curly nature and give the massive fronds a singularly light and airy appearance, the general aspect being like a well-curled ostrich feather of a pleasing green color."

The variety will doubtless become a general and popular market sort, a great feature being the furnishing of the small plants, which, when only in 2-inch or 3-inch pots, carry several large moss-like fronds.

The same firm is also offering a new begonia called Masterpiece, which is described as a new and improved form of Gloire de Lorraine. The habit of growth and color of bloom, etc., being a glorified type of the latter variety. Some improvement has for some time been needed in the stocks of Gloire de Lorraine. The type in some instance lacking the good qualities to which it owed its fame and value in commerce at the time of its introduction. Any improvement, or even keeping the variety to its true character is much to be desired.

The Winter Flowering Carnation Society held its first show on December 4, which was a great success. With Improved White Lawson A. F. Dutton, Iver, Bucks, secured first prize for the best white. The same grower had the best pink in Mrs. T. W. Lawson. Enchantress took the premium for blush pink. Robert Craig was undoubtedly a fine scarlet, but not equal to the new Brittania, which was the best of that color in the show. In trade exhibits the following received gold medals: H. Burnett, Guernsey, and A. Smith, Enfield. The following firms silver gilt medals: Cutbush & Sons, Highgate; Hugh Lowe & Co., Bush Hill Park; A. F. Dutton, Iver, Bucks, and Bell & Sheldon, Guernsey. B. J.

ASTERS.

I wish to raise asters for market next summer and would like to know the three best classes to grow, also what fertilizers other than stable manure and wood ashes it would be advisable to use, my soil being clay loam.

Where can I get a good work or treatise on raising asters for market? Also what size box would it be advisable to use for shipping? Would 12x16 and three feet long be large enough to heat. L. J. B.

If you are going in for asters as extensively as you say you will doubtless try many varieties in the course of a few years. There are so many varieties it is



Booth of the Misses Cabaniss at Mississippi Industrial Exposition.

difficult to recommend any, every seedsman having a favorite strain. Broadly then, I would say grow a small proportion of the early market varieties. The Boston Market is a good one. For a succeeding variety grow the Peony Perfection and for a late crop be sure to grow Semple's Branching, or Vick's, which is similar. I must also advise you to try some of the Comet variety, which is distinct and by specialists has been brought to great perfection.

The writer remembers when in this country we thought we could not get aster seed unless it was imported in packets from Germany or the south of France. That was a fallacy, for our summer climate is as good as theirs for saving seed and all you have to do is to select the finest flowers from plants of the best habit and let them go to seed. Select your fine flowers and tie a United States flag on them and you will soon have aster seed of your own saving.

You will not need any other fertilizer besides stable manure for several years and lucky you are if you can get plenty of that. I would advise you to plow your ground in the fall and when it is in a condition to be friable in the spring, harrow or cultivate it. As it is too late for that now, be content with plowing some fine day next April. Do not make your aster fields beyond reach of the hose, for asters suffer terribly in a dry time, which often occurs in August.

By no means put more than twenty-five in a bunch, each bunch wrapped in tissue paper, and there will be no danger of their heating. W. S.

FLORISTS AND EXPRESS RATES.....

Complaint is Frequent.

There is much complaint against transportation companies just now and we often hear it asserted that express rates are constantly being raised. They may have been raised on cut flowers, in certain cases, but on plants they have actually been decreasing. The express rates on plants, bulbs and seeds are of two classes. One is known as section D, the other as "general special." We should make money for ourselves by studying them.

To Compete With Mail.

Section D matter must be sent prepaid, the rate being the same as third-class mail matter, except that the minimum charge is 10 cents for each company carrying. These rates also apply to Canada, whereas the mail rate is double, viz., 1 cent an ounce. These rates can be applied to all shipments, no matter what the weight, but 2 cents is deducted from each package when the weight is fifty ounces or more, and no charge for a package weighing less than fifty ounces to be more than the charge for fifty ounces. For example, on three pounds two ounces, or fifty ounces, the charge is 23 cents. Four pounds ten ounces can be sent to any place in either the United States or Canada where any of the express companies belonging to the traffic committee are represented for 35 cents, and 35 cents is the minimum charge on general specials. Shipments above four pounds ten ounces will be sent under the general special class unless the special rate is more than $8 per hundred, when section D rate will again be used.

The express company will always give you the benefit of the lowest rate. But I will state here that it is well to check up the receipted bill, which should show the weight of the shipments, and if lowest rate has not been applied it may easily be detected. These overcharges are not done intentionally, but are due to a lack of knowledge of the rate on the part of the bill clerk. I have found by experience that this was one of the hardest problems to get into a new bill clerk's head.

General Special.

The general special rate is defined in the express tariffs as a certain per cent or rate less than the regular merchandise rate, at pound rates, no charge less than 35 cents for each company carrying. For a number of years twenty per cent off has been this rate, but within the last year a better rate has been given to the following states: Connecticut, Delaware, District of Columbia, Illinois, Indiana, Iowa, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Texas, Vermont, Virginia, West Virginia, Wisconsin, and South Dakota points east of the Missouri river. This scale begins at the 90-cent merchandise rate, going to the $8 merchandise rate, which will cover the rate from Springfield to any point in the states named.

If the merchandise rate is $1 per hundred pounds the general special rate is 80 cents, or just twenty per cent discount. When merchandise rates are higher the general special plant rate is as follows:

Mdse. rate.	Gen. Special.	Discount.
$2.00	$1.50	25%
3.00	2.25	25%
4.00	2.90	27½%
5.00	3.40	32%
6.00	4.00	33 1/3%
7.00	4.75	32⅛%
8.00	5.50	31¼%

Pound Rates.

The special rate to all other states is twenty per cent less than the merchandise rates except when goods are shipped in baskets, when regular merchandise rates apply, but they are taken at pound rates. Pound rates means, the charge per pound is in cents what the charge per one hundred is in dollars. For example: If the merchandise rate to a point in Texas is $6 the special is $4, or 4 cents a pound. Then the charge on a twenty-pound package would be 80 cents, but if shipped in baskets it would be 6 cents a pound, making a charge of $1.20, yet the charges on a package of merchandise not eligible to the general special would be $1.65. So it will be seen that the florists are treated much better than the other shippers, except publishers, fruit and produce dealers, and shippers of beer and whisky. I could never understand why the express companies lowered the florists to a level with these four shippers, or put them on a par with the florists.

Rates to California.

Another thing that is not generally known is that California has 350 points with a special rate of $7 and $7.50, a large majority being $7. This is a better rate than is given by Uncle Sam. The balance of the points in the state cannot be more than $8, which is the same rate offered by mail, with enough left on each package of fifty ounces or more to pay the expense of sending a postal notice of shipment.

Overcharges.

As I stated before, section D must be prepaid, but general specials may be sent collect, so that the customer gets the advantage of this rate also; but the trouble is that in many cases the agent at destination, through ignorance, overcharges the consignee. If a bill is made with either less or more charges than should be, it is the duty of the agent at destination to make correction on the bill, collecting the correct amount.

Very few overcharges are made at the larger points, but at the small towns the railroad agent acts for the express company, and in most cases on a commission. These are the ones who do not keep posted on the rates. True, they have the tariffs, but as a rule they do not study them as they should, and, unless a great deal of matter under general specials is shipped from their office, they know very little of the special rates. We will take for example a case using the same rate as I have shown: One of these agents receives a package weighing twenty pounds, billed at 80 cents. This appears to him to be a small charge, especially if he is a commission agent. He refers to his tariff, finds the merchandise rates per one hundred pounds to be $6 and his

A synopsis of a paper by Leman Bradford, secretary of the Springfield Floral Co., read at the November meeting of the Springfield Florists' Club.

Previous to embarking in the greenhouse business Mr. Bradford served for a number of years as agent for the Wells-Fargo Express Co. at Springfield, O.

The small Gladiolus advertisement we had in the

THE WEEKLY FLORISTS' REVIEW

not only brought inquiries from all parts of this country but from Europe as well. The REVIEW is the paper to advertise in. It seems to go everywhere.

S. HUTH

Cuyahoga Falls, O.
Dec. 22, 1906.

graduated card tells him the charges on twenty pounds at this rate is $1.65. He doesn't look to see that the special rate is $4 and that the charge of 80 cents is correct, but adds 85 cents to the bill, collecting $1.65 from consignee. Is it any wonder that people become discouraged and do not care to repeat the operation? How many people do you imagine have quit sending away for their plants just for this reason. You hear of a few, but the majority simply drop out. It is not the fault of the express company, but the ignorance of some employee, and prepaying the shipments will be a protection against this, to both yourself and customer.

Small Packages.

I have found that to send small packages by express is satisfactory in many ways. You have the means of tracing your shipments and knowing the condition in which they were received. Few complaints are received as to boxes being broken or plants crushed, but in cases where this occurs, claims can be made for them, and replaces sent free where goods have been damaged in transit.

The express companies have met the postal rates on plants, and have gone them one better. If a parcels post is adopted giving us a lower rate than the third-class rate, no doubt the express companies will meet that rate, but, if the parcels post raises the rate on plants, the express companies will without a doubt raise their rates to the one adopted by Uncle Sam. With companies giving us as good rates as are in existence, we should encourage them by giving them more of our business—business we are now sending by mail, and for which we are paying more than if sent by express.

Use of Baskets.

I am not in the employ of any express company, nor am I fortunate enough to own a block of stock in any of them, but if you will take the pains to familiarize yourselves with their rates, only to those applying to your business, I am certain you will not think them the demons they are pictured. Either ignorance of the rates or negligence on the part of the shippers in packing is often the cause for excessive charges collected on plant shipments. My attention was lately called to a case of a shipment, that, had the packer been familiar with the rates, would have saved the customer $1.05. The shipment consisted of two packages weighing twenty pounds each. One was a box, the other a basket. These two packages could not be sent under the same rate, yet they were consigned to the same person. The charge on the basket was $2.45, on the box $1.40. Had it been packed in one box weighing forty pounds, or in two boxes weighing twenty pounds each, the charges would have been $2.80 instead of $3.85. Will the customer understand why the express company charges $1.05 more for one package weighing twenty pounds than it did for the other? And, if the express agent explains to him why this difference was made, will he not think the shipper should know of these things, thus saving his customer these excessive charges?

The higher charge on a basket is not its only drawback as a packing case. I have watched wagonmen load their wagons and messengers placing their freight in cars. If they have a small hole to fill up, just too small for any package or box available, they find a basket of plants the best thing to squeeze together and force into that hole. It fits perfectly and when it is taken out and pressed back into shape it is impossible to tell where the damage occurred, as the records show it to have been delivered in apparently good condition.

If you are going to prepay a shipment, or are going to send it collect, and don't want your customer to go into the air, do not pack in baskets. Of course, you can send to many points in baskets as cheaply as in boxes, but only in cases where the maximum charge on the regular merchandise rate would be 35 cents.

If you have more than one box for the same consignee, pack so that each shipment will weigh twenty pounds or more, as the weight is aggregated, but if one box weighs less than twenty pounds to be aggregated with other packages, it is billed at twenty pounds. If you must pack in two boxes and each weighs less than twenty pounds, fasten the two boxes together after they are packed instead of sending as two packages.

Playing Favorites.

Do not play favorites in shipping. Divide your common point and foreign company business among all of the companies and you will find that you receive better service, and any grievance you may have with any company will receive better attention. If nothing is done to correct some error, or if the company is dilatory in settling claims, or tracing shipments, then take this business from it for a few days and see how quickly they will try to adjust matters. If each agent sees he is getting some business each day that the other fellow could take, he feels that you are favoring him; consequently he feels he should favor you whenever he has the opportunity to do so.

Knowledge of Rates Necessary.

Become better acquainted with the express plant rates; study them until you understand all the points. Any of the express agents will be glad to come to your office and spend as much time as you desire explaining them to you. If you will do this I am positive you will have more satisfactory relations with the express companies than heretofore.



Store of the Geller Florists' Supply Co., New York.

IXIAS.

The cultivation of the ixias is of the simplest, and in growing them for decorations, or supplying cut flowers, it is an excellent practice to use 5-inch or 6-inch pots, and to put six or seven bulbs in each. The pots should be provided with efficient drainage, and filled with a compost consisting of fibrous loam four parts and leaf-mold and sand one part. Press the compost firmly about the bulbs, and when the potting is completed, plunge the pots to their rim in a bed of ashes or cocoanut fiber refuse made up in an unheated pit. With the compost in a moderately moist state when the bulbs are potted, no water will be required unless they have commenced to make new growth, and then in very moderate quantities. Ventilate freely after the growth has commenced, and remove the lights except in wet weather or during frosts. In the ordinary course the bulbs will have made several inches of growth by February, when they should be removed to the greenhouse or other cool, airy structure, and be placed near the glass to ensure their having the advantage of uninterrupted light. Care in watering is necessary at all stages, for ixias suffer materially when the supply of water is in excess of their requirements.

In outdoor culture select a sunny border where the growth will in spring be sheltered from north and east winds. Make up a bed four or five inches or so above the general level with sandy loam, and place the bulbs three inches apart. Then cover them with a layer of coarse sand, and upon this put a 3-inch layer of soil. The bed should then be covered with straw, bracken, or loose material, to protect from frost, but the covering must be removed in early spring or the growth will become drawn.—Gardeners' Magazine.

ZANESVILLE, O.—A. R. Edwards held a reception at his store one afternoon and evening last week. He had on exhibition cut flowers, plants, moss wreaths, goldfish, holly and an abundance of Norway pine and Christmas trees. A handsome souvenir was given each guest.

The Weekly Florists' Review

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by Monday or Tuesday morning at latest, instead of Wednesday morning, as many have done in the past.

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THE araucaria has come into its own as a Christmas plant.

EASTER, 1907, falls on March 31, two weeks earlier than in 1906.

AS to Christmas prices, it is worth while remembering that it is supply and demand, nothing else, which regulates values.

THE interstate commerce commission announces that in consequence of a large number of complaints from all sections of the country it is about to undertake a general inquiry into the reasonableness of express rates.

NOTICE.

To Advertisers and Correspondents.

Advertisers and correspondents are asked to note that New Year's falls on Tuesday, the busiest day in the office of the REVIEW. It is desirable that copy for the issue of January 3 be placed in our hands one day earlier than usual.

THE READERS' CORNER.

Valley on Heating Pipes.

Seeing an article in the Review of December 13 on "Valley Under Benches," written by Mr. Scott, I wish to state that I have grown them for a number of years, both in pots and flats, and have grown them no other way. I have used moss, as he states, but I find by laying pots or flats the same size, over the pipes and stopping the holes with moss, they act much better, as they are not so apt to rot as with the damp moss, and I find they grow more evenly. I disagree with him in the cutting of the roots, as I never leave them much over three inches, if any, and I doubt if Mr. Scott has had better success than I have had.

F. JENKINS.

Transportation Problems.

The trouble why so many shipments are wrongly classified is not the desire of the transportation company to skin us, any more than it is our desire to skin others. The average shipper does not take the time to study the various classifications, noting changes, etc.

Every shipper should state the address, town, county, street, state, then what the shipment consists of, boxes, bales, etc., what items they contain, the freight rate, the delivering line, etc., not hurriedly but methodically.

Every railroad or express employee is just as anxious to do his duty as is the florist; he is just as anxious to correct errors that are not his fault as is the average florist. The average transportation employee works hard for the little that is doled out for his hard work; work that is very trying, very exacting. Railroads are in it for every limit the traffic will stand, and they get it. If the average florist would follow their lead there would be more enjoyment in the business, for considering the ability, perplexities, care and responsibility required of the average florist, the amount received as compensation is relatively meager. The student of scientific economics sees the need of better help, better surroundings, better pay, better hours, better prices, more business-like methods or the whole trade will suffer by our fogginess.

C. BETSCHER.

A Bad Habit.

I would like to call the attention of the readers of the REVIEW to a habit among our wholesale men, which, although it may seem trifling, does harm.

Some days ago I received a box, containing wire frames, marked, "Rush, Perishable Flowers! No delay!" The train was late and the expressman rushed over to the greenhouse, it being nearly midnight. The next day I received a box of violets. It was not marked "Rush" and the box remained in the express office over night. Would it not be better to use "Rush," etc., only on boxes containing perishable flowers and not on florists' supplies? The express companies are, during the holiday time, rushed to the limit and it does not seem right to rush the employees when there is no occasion for it.

W. BAY.

CINERARIAS.

My cinerarias are budding and look fine and healthy. The seed was sown in August and the plants are now in 4-inch and 5-inch pots. The soil is composed of three-fourths rotted sod, one-fourth leaf-mold, with a little well rotted manure added. I keep them in a temperature of about 50 degrees night and day. The lower leaves wilt and gradually die. As the plants are free from insects I am at a loss to know the trouble.

F. B. F.

The cineraria is considered a cheap and unprofitable plant, but with all that it wants careful watching, as much as many other more expensive plants. You appear to have sown them at the proper time and have used an excellent compost for growing them, and the temperature is not wrong, although 40 degrees at night and 50 degrees in the daytime would be nearer the ideal. This is one of those cold-blooded plants that are hurt with the slightest frost and yet will grow and thrive a few degrees above it.

The fact that they are showing flower so early is because the roots are confined in too small pots. The wilting of the lower leaves we have often seen occur and may be caused by the soil in the pots being too dry, and it also may be caused by too much watering. The writer knows no plant that needs more care in watering than the cineraria and it is the watchful care that is needed in this respect that makes them unprofitable. They want water just when they need it. If you used sifted soil and it is fine in texture and does not let water pass freely through it is almost impossible to grow cinerarias. The potting soil, especially in their last shift, should be coarse and porous and then overwatering is not liable to do so much harm.

Unless wanted to flower in January I would advise you to pinch out the flower stem. Shift the 4-inch into 6-inch pots and you will have fine plants later in spring. Keep them on a light, airy bench and keep them at 40 degrees night and 50 degrees in the daytime, and you must give plenty of room between the plants.

W. S.

WATERTOWN, WIS.—Loeffler & Benke are building another house 30x100.

FOND DU LAC, WIS.—E. Haentze has turned the active management of his business over to his sons, and in the spring intends to pay a visit to his old home and relatives in Germany.

SPARTA, ILL.—H. O. Clendenin says Christmas trade was about as usual. Cut flowers had the call, with carnations the leading favorites. The non-arrival of Christmas trees and later shipments of holly was a sore disappointment and placed them in a trying situation, as all the trees were sold in advance.

Carnations

FOR NEW YEAR'S

We have large supplies of A-1 quality; in fact, the superior character of our stock is a matter of general comment in the market.

Beauties

A fine crop just starting. We shall have lots of splendid Beauties all through January.

Violets and Valley always on hand

New Year's Price List

		Per doz.
AMERICAN BEAUTIES		
Stems, 30 to 36 inches		$10.00 to $12.00
Stems, 20 to 24 inches		6.00 to 8.00
Stems, 12 to 15 inches		4.00 to 5.00
Seconds		1.50 to 2.00
Bridesmaid	per 100,	6.00 to 15.00
Bride	"	6.00 to 15.00
Chatenay	"	6.00 to 15.00
Golden Gate	"	6.00 to 15.00
Richmond and Liberty	"	6.00 to 20.00
Carnations, select	"	4.00 to 5.00
" large and fancy	"	6.00 to 8.00
Miscellaneous Stock		
Violets, N. Y. double	"	1.50 to 2.00
" single	"	1.50 to 2.00
Valley, select	"	3.00 to 4.00
Callas	per doz.	2.00
Harrisii	"	2.00
Mignonette	"	.60 to .75
Stevia	per 100,	1.50 to 2.00
Sweet Peas	"	1.50 to 2.00
Romans	"	3.00
Paper Whites	"	3.00
Bouvardia	"	2.00 to 6.00
Decorative		
Asparagus Plumosus, per string		.35 to .50
" " per bunch		.35 to .75
" Sprengeri	per 100,	3.00 to 6.00
Adiantum	"	1.00 to 1.50

Smilax, per 100, $15.00....per doz. 2.00
Ferns, per 1000, $2.50; per 100, 25c.
Leucothoe Sprays, per 1000, $6.00; per 100, 75c
Galax, green and bronze, per 1000, $1.00
" " " " per case, 10,000, $9.00
Boxwood.....35c per bunch; $7.50 per case

NOTE.
"Special" stock billed accordingly.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. **Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic** **Chicago, Ill.**

Mention The Review when you write.

CHICAGO.

The Great Central Market.

The stranger visiting the acres upon acres of glass in this vicinity, devoted to cut flowers, might suppose the resources of the Chicago market to be practically without limit, but it is when Chicago is called upon to meet the feverish demand produced by a Christmas shortage in practically all that great stretch of country between the Alleghenies and the Rockies, from Canada to the gulf, that one gains a fair realization of our great resources.

The Christmas demand was something wholly without precedent. Orders in number and in size eclipsed all previous records. The only saving clause was that the demand was spread over several days, Sunday intervening, to the great advantage of both retailers and wholesalers, although just the opposite effect had been expected. Early in the week the orders from out of town began to pour upon the wholesalers in such volume that most of the houses were early booked up on most lines. Saturday's shipping business far exceeded expectations. The supplies of stock were less than had been anticipated, as a result of weeks of almost unbroken dark weather and because growers had been told to make their heaviest shipments Sunday. But, nevertheless, great quantities of material were available, although much more would have been consumed had it been possible to fill all orders complete. As early as Saturday wholesalers were face to face with the necessity of cutting orders booked long in advance. This was particularly true of roses, aside from red, good Bridesmaids being the scarcest item. It is safe to say that seldom have good roses been so much short of the demand. There were nowhere near enough carnations to fill Saturday's orders, although several houses had quantities of white which they were compelled to carry over Saturday night, and, indeed, there were considerable quantities of white carnations left when the Christmas business was ended, and it will serve to pull down average prices.

Sunday's shipping was heavy, but not so great as Saturday's, and there was more stock to do with, so orders were sent out more nearly complete than on Saturday. As a summing up it may be said that all roses were far below requirements and prices were paid by local retailers such as would have been a shock to out-of-town buyers had stock been sent them at those rates. Red was scarcest, of course, but first-class Maids were scarcely less so. Uncle John, which is grown instead of Gate, was in fair supply because not in great request. Every colored carnation sold, except some sleepy stock, but there were whites to spare; indeed some were still on hand Wednesday.

The city trade began with a rush Monday morning, but was soon satisfied. The afternoon found little doing except getting out belated shipping orders. In the evening there was a rally which cleaned up considerable stock, but when it was all over there were, besides the white carnations, large lots of poinsettias, thousands of Paper Whites and Romans, considerable valley, lilies, much mignonette, stevia and other odds and ends for which there had been no call. The receipts of chrysanthemums were light but much of the stock was poor, and even the best was in light demand. Violets were in big supply and sold well, heavy advance orders having been booked, but at the close there was a tendency to shade prices.

The retailers all did a big business in one way or another, and, on the whole, everyone was satisfied, although a better supply of roses would have been a great relief; as it was the few growers who had good cuts found Christmas a gold mine.

Wednesday, of course, saw light receipts, but neither was there much demand, although a stiff market is looked for for the next ten days at least.

Christmas Plants.

The plants sold this Christmas were in both quantity and quality ahead of last year. The ardisia was everywhere, and heavily berried, shapely stock. Poinsettias were more abundant than usual, most of them well grown, low, wide-headed plants in pans. Azaleas were plentiful and nicely flowered. Verveneana made up the bulk of the stock, but a good proportion were Simon Mardner. Lorraine begonias were in splendid shape. More growers are learning to do this plant well, but many of the best still come from Peterson, at Cincinnati. These were the principal items, although oranges, cyclamens, primulas, ericas, etc., played their parts. Araucarias led all decorative plants, although many Elegantissima and Whitmani ferns were sold. Boxwood was everywhere, both plants in pots and cut, made up into

WE WISH ALL OUR PATRONS

and all those whom we would like to be our pratrons in 1907, a

HAPPY AND PROSPEROUS NEW YEAR

We have had a splendid year, and we know that the high quality of our stock and our promptness and care in filling orders has helped our customers to enlarge THEIR business, for the calls upon us have steadily increased. Stock is in fine condition for a brilliant start in 1907. We CAN serve YOU and would like to have the opportunity to do it.

NEW YEAR'S PRICE LIST

ROSES	Per 100
Maid, Bride, Chatenay:	
Select	$15.00
" first	12.00
" medium	$8.00 to 10.00
Richmond, Killarney:	
Select	25.00
" first	18.00 to 20.00
" medium	12.00 to 15.00
Sunrise, Perle, Gate, select	12 00 to 15 00
" " " " first	8.00 to 10.00
Short stem Roses, good	6 00
Special long stem roses charged accordingly.	

AMERICAN BEAUTIES	Per doz.
Over 40-inch, select	$15.00
36-inch, select	12.00
30-inch, select	$10 00
24-inch, select	8.00
20-inch, select	6 00
18-inch, select	5.00
15-inch, select	4.00
12-inch, select	3 00
Short stem, select	$1 00 to 2.00

CARNATIONS	Per 100
Extra fancy Enchantress, Prosperity, Red, Lawson and White	8.00
First quality	6 00
Split and short stems	$4.00 to 5.00
Harrisii	20.00
Tulips	5.00 to 6.00
Narcissus	3.00 to 4.00

	Per 100
Romans	$3 00 to $4.00
Valley	4.00 to 5 00
Violets	1.50 to 2.50
Mignonette, large spikes	8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, fancy Croweanum	2.00
Smilax	16 00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings, each	.50 to .60
Ferns, per 1000	2.00
Galax, per 1000	1 50
Leucothoe	1.00
Chrysanthemum Merry Xmas, per doz.	2.00 to 3 00

Subject to change without notice.

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

Mention The Review when you write.

wreaths, balls, bells, etc., with immortelles, instead of holly.

Of course all the plants were more or less embellished—mostly more—and it was in the embellishment more than in the stock used that novelty was found.

Versatile Uncle John.

[With apologies to "Phil."]

Scene: Most any wholesale house.

Time: Saturday afternoon, December 22.

Order Picker: "That Metropolis order calls for 500 Maids; w'at 'll I give 'em?"

The Boss: "Two hundred Uncle John."

A minute of silence, save the commotion of many busy workers; then

Order Picker: "Say, Boss! Metropolis wants 200 Brides."

The boss: "Can't you get 'em?"

Order Picker: "Nary one."

The Boss: "Oh, well! Give 'em a hundred Uncle Jchn."

Various Notes.

Fred Weber has made arrangements to double his glass as soon as building can be begun in the spring. He bought the glass more than a month ago, when the market was at the bottom. The addition will be two high houses 27½x300. Mr. Weber's crop is Beauties he has done so well that he thinks nothing could equal them. He now has grown his plants eighteen months without rest. He had a splendid crop in the summer, when good Beauties are scarce, and has another fine cut just coming on. He missed Christmas by about a week, but there always is a good market in January. E. C. Amling is Mr. Weber's selling agent.

W. J. Smyth took full advantage of his new show windows to make the finest Christmas display he has ever shown, especially effective at night, illuminated by seventy-five red incandescents. The windows were filled with ardisias and poinsettias, in red pot covers, baskets and hampers. The back of the window was formed by long loops of lycopodium wreathing, at the end of each loop an Alpha bell. Mr. Smyth said it was much his biggest Christmas, but practically all plants. "People who asked for cut flowers simply walked out when told the price."

Arnold Ringier, secretary of the W. W. Barnard Co., states that the business in holiday greens was "the best ever." High prices generally were accepted as a matter of course and the inability to fill all orders was the only feature which caused concern.

Jchn Poehlmann says he found time in Monday's rush to accept a proposition from the agent of the McCormick estate, which will, after May 1, give the Poehlmann Bros. Co. twice as much room as it now occupies in the basement of the Atlas block. The increase in the firm's glass and production make more commodious selling quarters very necessary.

A. Lange has renamed the Rosalind Orr English rose as Lady English in his advertisements in the daily papers, and it really has a better sound, but when he says "It has recently supplanted American Beauty as the favorite rose," it is possible he is drawing the long bow.

Leonard Kill says that Peter Reinberg's Christmas sales were so much greater than last year—consequent upon more glass, better crops and better prices—that he hesitates to say just what the increase was for fear that it will add nothing to his reputation for veracity.

Fleischman, in the Railway Exchange building, is said to have been the largest local buyer of cut flowers for Christmas. The store is not large enough for the plant trade done by the stores with conservatories. Nothing but the best cut stock is handled, largely Beauties, violets and quantities of orchids.

Frank Garland, at Des Plaines, says he has a few dozen plants of a sport of Enchantress that is the best yet. It is about as dark as Lawson.

W. E. Wadsworth, who has charge of Muir's Forty-seventh street store, says the Christmas call was largely for baskets of plants, poinsettias being the leader, with Lorraine begonia second.

The park gardeners are asking an increase in wages to give them all $75 a month. They now get from $60 to $70.

Uncle John Thorpe had a two-column article on "The Flower Shop" in the Daily News a few days before Christmas which must have been worth a great deal to the trade.

Kennicott Bros. Co. handled quite a quantity of good mums for Christmas.

The supply people report being pretty well sold out of Christmas specialties.

The big charity ball New Year's Eve is looked to as sure to call for many flowers, especially violets.

J. J. Soper, of Rockford, was a visitor Saturday, looking up Christmas stock. He says business is flourishing in Rockford, and it is no longer a question of price if the stock pleases the buyers.

PETER REINBERG

51 Wabash Ave., CHICAGO

...Send us Your Order for...

NEW YEAR'S

and rest assured of supplies
such as can only came from

1,500,000 Feet of Modern Glass

Let us Have Your Order for

Rooted Cuttings of Roses and Carnations

ALL LEADING VARIETIES. PROMPT SHIPMENT.

Mention The Review when you write.

BOSTON

The Christmas Market.

Growers, wholesalers and retailers once more report the best Christmas trade on record. The weather, which had been clear and pleasant, changed to fog and rain December 20 and one or two days following were about as dark and dismal as could be imagined. The mild weather, however, made it possible to move plants with little covering. Predictions for a green Christmas were shattered by a heavy snowfall, which came unheralded and unexpectedly on Saturday evening. Sunday proved dull and moderately cold, while Christmas eve proved still colder, and plants and flowers had to be securely wrapped. The dark weather to some extent upset calculations as to the flower crop, roses and carnations proving less abundant than had been hoped for.

There was, as usual, a good call for pot plants and while nothing really new or unique was forthcoming, the old favorites were in good supply and demand. In azaleas, Apollo and Firefly were the leaders, although white and pink shades were also in some request. In berried plants some fine hollies were seen and skimmias, aucubas, ardisias and solanums were all in more or less call. Cyclamens, colored Primula Sinensis, Erica melanthera, poinsettias, white and pink Lorraine begonias and Cypripedium insigne were the leaders. Tulips were seen at some stores, but were short-stemmed and small. Made up pans with mixtures of foliage and flowering plants sold well at some stores and there was a good call for fern pans and medium-sized palms. Boston florists do not use the amount of ribbon in "decorating" their plants as in some cities and we earnestly hope they never will. Well grown plants are not improved by it but too often made hideous.

In cut flowers roses, as was expected, proved none too plentiful and realized good prices. Top figures on Beauties were $15 to $18 per dozen. First quality Richmond made half these prices. This was easily the most popular rose on the market. Some good Liberty was seen and sold well. Wellesley, Killarney, Chatenay, Bride and Bridesmaid made up to $4 per dozen. Some fine Morgan, Mrs. Oliver Ames, Safrano and Bon Silene were noted and all sold well. In carnations, scarlets, such as Cardinal, Victory and Robert Craig, and crimsons, made $10 to $12.50 per hundred. Enchantress, Fair Maid, Lawson, Helen Goddard, Mrs. Patten, Variegated Lawson and ordinary scarlets and crimsons brought $8 to $10. Whites made $6. Some were sold at lower prices than the foregoing, but were inferior goods. Even whites were less druggy than sometimes occurs.

Violets sold mostly at $1.50 and $2 per hundred. These were of very fine quality, singles, as usual, selling the highest. Callas and Lilium Harrisii did not advance much. Poinsettias made all the way from $2 to $8 per dozen. Not many made the highest figure, but quite a few reached $6. Euphorbia Jacquiniæflora and scarlet bouvardia sold well. Sweet peas at $2 per hundred, antirrhinum at $4 to $8, mignonette from $4 to $10, valley from $4 to $5, Cypripedium insigne $12, marguerites, yellow and white, $2 to $3; Paper Whites and Roman hyacinths, $2 to $3, and chrysanthemums, were the bulk of the other flowers in evidence. The last named flowers were on the wane. A few made up to $6 per dozen. Others had trouble in making that price per hundred. Bulbous stock and stevia were in abundant supply. Asparagus plumosus and Sprengeri sold well and adiantum stiffened to $1 and $1.25 per hundred.

As usual, the wholesalers and retailers did a heavy business in mistletoe and holly. The first named was splendidly berried. English holly, where imported, was well berried, but a good deal of southern stock was poor. Laurel and box were in heavy demand for wreathing and a lot of ground pine also was used.

Various Notes.

Peirce Bros. sold a large quantity of azaleas, Firefly being the leader. They also had good cyclamens. They about cleaned out their late mums and had a large crop of carnations, including a fine lot of their new scarlet, Governor Guild.

W. W. Edgar & Co., as usual, had an excellent lot of poinsettias, azaleas, Lorraine begonias and other seasonable flowering plants. They also sold many ferns in pans and other foliage plants.

Houghton & Clark made a specialty of orchids in their window, including well bloomed Cypripedium insigne and cattleyas.

McMulkin had a most effective scarlet window. Among other flowers used were Euphorbia Jacquiniæflora, Salvia splendens, ardisias, poinsettias, scarlet

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$12.00
24 to 30-inch stem	"	10.00
20-inch stem	"	8.00
15-inch stem	"	5.00
12-inch stem	"	3.00
Bride, Bridesmaid	per 100,	$8.00 to 15.00
Chatenay	"	8.00 to 15.00
Meteor	"	8.00 to 15.00
Carnations	"	4.00 to 8.00
Valley	"	3.00 to 5.00
Violets	"	1.50 to 3.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

Mention The Review when you write.

carnations and roses and holly. Some excellent Gros Colman grapes were used and showed up well in the scarlet setting.

S. J. Goddard had extra good Cardinal, Victory, Harry Fenn and Helen Goddard carnations.

William Sim had an immense quantity of single violets of first quality and could have sold many more.

Galvin had numerous finely berried hollies in tubs. His White Perfection, Beacon and Evangeline carnations from Peter Fisher were excellent. Beacon promises to be a wonderful scarlet and will be extensively grown another season.

William H. Elliott had a magnificent lot of Richmond, among other roses. Some Safrano and Bon Silene from his Madbury, N. H., establishment took well. Quite a few critical buyers preferred Richmond to Beauty.

Welch Bros. report that the volume of business they transacted broke all previous records. Their extensive new quarters were none too large. Their Beauties were especially fine, as also was Richmond. They handled many thousands of lily of the valley from Carl Jurgens. Their poinsettias were extra fine and in green stock, wreathing, etc., they did an immense trade, also in pot plants.

Some of the best poinsettias seen came from Dolansky, William Walke, John McFarland and W. W. Edgar Co.

Thomas Roland, of Nahant, had, as usual, a grand lot of Lorraine begonias, including the white Turnford Hall variety, Erica melanthera, azaleas, poinsettias, Euphorbia Jacquiniæflora, cyclamens, Cypripedium insigne and other plants.

H. M. Robinson & Co. were more than satisfied with their first Christmas trade in cut flowers. Their Beauty and Richmond roses, valley, chrysanthemums and carnations were of fine quality. In holly and other greenery, in which they are specialists, they were almost swamped with orders, but managed to fill practically all but very late ones.

Scarlet, yellow and white tulips and Trumpet Major narcissi came from several growers, including H. W. Vose, Hyde Park; Tailby & Son and Mann Bros.

Especially fine violets, among many others, came from A. W. Kidder, Wm. Spillsbury, H. F. Woods, Malcolm Orr and Thomas Pegler.

William Nicholson had some splendid Harry Fenn, Victory, Robert Craig, Aristocrat, After Glow and other novelties in carnations which brought fancy prices.

Farquhar & Co. had a big lot of Lorraine begonias and cyclamen from their Roslindale greenhouses.

Daniel Iliffe has recently finished piping a house for William Capstick, Auburndale, and a dwelling for Thomas Capers, Wellesley Hills. He also has supplied piping and ventilating apparatus for a grapery for James Dowe, Beverly Farms.

E. L. Beard, for many years with the Shady Hills Nursery Co. and formerly of the firm of Temple & Beard, is now in business on his own account as landscape architect, etc., with offices at 155 Milk street.

One of the finest ranges of glass on a private estate in New England will be erected next season for H. C. Frick, the Pittsburg steel magnate, at Prides, Mass., by T. W. Weathered & Co.

The Gardeners and Florists' Club meeting on January 15 will prove especially interesting. It will be ladies' night, the newly elected officers are to be installed and J. K. M. L. Farquhar's stereopticon lecture on Italian gardens will be worth a long journey to see and hear.

In the seed trade bowling league contest on December 19 R. & J. Farquhar & Co. team beat H. E. Fiske Co. by 1,254 to 1,150 and Park Street Flower Market managed to defeat T. W. Emerson & Co. by 1,276 to 1,247.

The Toronto Convention.

On account of the meeting of the American Carnation Society in Toronto, January 22 to 25, New England lines have made a rate of one fare and one-third for the round trip on the certificate plan. This will make the round-trip rate from Boston via West Shore route $16.50, and a corresponding reduction from other points. Tickets will be good leaving January 18 to 24 and are good returning to leave at any time within three days after the close of the meeting. Trains leave Boston at 4:30 and 6:19 p. m., arriving in Toronto the next morning.

If all intending to go to Toronto will notify William Nicholson, Framingham, of their intention as soon as possible he will be pleased to make all necessary arrangements. Prospects are good for a large New England delegation.

W. N. Craig.

FOR THE HOLIDAYS

POINSETTIAS, very fine, in quantity.

AMERICAN BEAUTIES—We have the largest and finest stock of this rose in Philadelphia.

CATTLEYAS—A splendid stock in fine condition.

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

To the Florists of America

The Florists' Supply House of America

H. Bayersdorfer & Co., 1129 Arch St.

Philadelphia, December 26, 1906.

We desire to thank our many friends and customers for their liberal patronage extended to us during the past year. We also wish to gratefully acknowledge the kind indulgence shown us in the trying period of moving when it was not always possible to dispatch orders with that promptness for which we have established a reputation. We ask a continuance of your business for 1907, and promise that the best goods, the best facilities and our best efforts shall be at your command.

Wishing you a Happy and a Prosperous New Year, we are

Very truly yours,

H. BAYERSDORFER & CO.

PHILADELPHIA.

The Rising Eastern Market.

Christmas proved the truth of the heading to this paragraph. The largest stock of cut flowers and plants ever marketed in this city has been distributed.

The features of the cut flower business were the immense quantities of choice American Beauty roses received and sold at prices as high as in any previous season, while the aggregate is far in advance of anything ever dreamed of in the past. Fancy stock was sold in hundred lots and one order was noted for 1,000 fancy at $1.25 each. The quality was all that could be desired. Good Maids were scarce. Brides required pushing at times. Killarney sold well, but poorly colored blooms went begging. The demand for lily of the valley was something extraordinary, it being impossible to get enough of the fancy stock to fill orders.

Another striking feature of the market was the abundant supply of red roses, both Liberty and Richmond, of superb quality, being at their best. It is probable that growers of this color will not average more for their roses than those producing pink and white, although some of the fancies sold for higher prices. Cattleyas were in splendid demand, the supply being excellent in some quarters and disappointing in others. The violet market was strong, especially toward the close, when the extremely cold weather threw into the retail stores business ordinarily transacted by the fakers. Singles locally grown were particularly fine and popular with the average buyer, while choice doubles both from Hightstown and the Hudson river district, found ready sale at fair prices. Poinsettias were abundant enough for every demand, the prices on fancies being high.

Carnations were more plentiful than had been anticipated, choice scarlet commanding the highest price. Craig and Flamingo were the most popular varieties. Enchantress led the second division. In a general way it may be said that carnations were sold for $2 per hundred more than at last Christmas, although they will not average the growers quite that much, as some stock will undoubtedly have to be sold in cheap lots to dispose of it at all.

While greens sold well, there was no especial demand for those grown under glass, except in isolated instances. Of the other flowers on the list, it may be said in a general way that they were in good supply and fair demand, considering the high prices. An exception to this is the bulbous stock, Romans and Paper Whites selling rather slowly. Some sweet peas were also poor stock, owing mainly to their condition.

The price list which accompanies this report can only be intelligently read by bearing in mind that the high prices are obtained for the finest stock only, that in a shipment of 500 roses there are frequently not over twenty-five that can be classed as fancies, while 100 or 200, according to the skill of the grower and the condition of his plants, will be classed as shorts, and sold at corresponding figures. Then, too, many growers naturally feel that their stock is as fine as anything that can be produced. In fact, I would have no respect for a grower who did not feel that way, but when this stock comes up against many others in the open market, it is quite another matter.

The quantity of flowering plants sold was something enormous, and to these must be added a moderate number of foliage plants. We are also largely indebted to the enterprise of the supply men, who have given us combination baskets of most artistic pattern, responsible for the disposal of far more material of this kind than would ordinarily be required. The demand for greens was unprecedented. Of course there were quantities left,

For New Year's

We can supply your needs if stock is to be had in this market.

VIOLETS, VALLEY, CARNATIONS, ROSES, PAPER WHITES

Wire or Phone—We do the rest

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 **CHICAGO**

Mention The Review when you write.

BEST ROSES

If you want something special for New Year's, try

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

but some things, cut box sprays, for example, were entirely sold out.

The Ball Season.

The season of fashionable midwinter balls, usually commencing about the middle of January, and ending with Lent, a movable date, is this year earlier than ever before. The first large affair in ultra-fashionable circles was a private ball, Mrs. Gowan's, at the Bellevue-Stratford, December 21. The Benedicts followed at Horticultural hall, December 26. Mrs. Van Renssalaer's will be held at the Bellevue-Stratford on Friday; Mrs. Cuyler's, in the same hostelry, January 2; and the First Assembly follows, also in the Bellevue-Stratford, January 4. While these balls do not always affect the market materially, they are apt to do so to some extent, cut flowers being largely used when dinners precede the dance, while the demand for both foliage and blooming plants is quickened. Whether the gaiety of the social season will last until Lent is problematic.

Various Notes.

S. S. Skidelsky will read an essay on "Our Credit System, Its Uses and Abuses," before the Florists' Club at the January meeting.

John Thatcher, for many years gardener to Edward Le Boutillier, Wynnewood, Pa., will, on Tuesday next, take charge of a new place at Chester, W.Va., the property of C. A. Smith. Mr. Thatcher is a member of the Pennsylvania Horticultural Society and the Florists' Club, and a grower whose foliage plants have won many prizes.

Marshall Rogers, formerly with Joseph Heacock, will, on Tuesday next, begin work with W. E. McKissick.

M. Rice & Co. report that their lines of Christmas novelties were a big success, and that they received many duplicate orders by telegraph.

Gilbert Woltemate is in charge of his uncle's place at Main and Queen streets, Germantown. Mr. Woltemate has had two years' experience on this place, following several years on his father's place at Mt. Airy avenue.

Theodore Edwards, of Bridgetown, N. J., sent the first Trumpet Major narcissi to W. J. Baker.

D. T. Connor's new greenhouse office is a good card for Lord & Burnham Co.

The Flower Market has paid off its second fifty per cent of the capital stock.

The Leo Niessen Co. had the largest stock of Beauties ever offered in this city at Christmas.

Berger Bros. and W. J. Moore made their market headquarters look like old times.

The S. S. Pennock-Meehan Co. had its big force on the jump. The quantity of stock handled was enormous.

Myers & Samtman cut 13,000 American Beauties for Christmas, 8,200 of which went to the Leo Niessen Co. and the balance to A. M. Murdoch, of Pittsburg. The firm have assured Mr. Niessen that their Beauties will be in crop for six weeks.

Some frozen shipments from the growers were received and express companies got entangled with shipments for the south and west.

Mrs. George Burton, wife of the well-known rose grower, died on Christmas day. The funeral services will be held at her husband's residence on Saturday, at 2 p. m. Mr. Burton has the heartfelt sympathy of his many friends.

Hope you had a busy Christmas, and will have a Happy and a Prosperous New Year. PHIL.

DALLAS, TEX.—Col. E. H. R. Green, who has returned from a business trip to Chicago, has made all arrangements for doubling the capacity of his greenhouses. When completed the equipment will rank among the most complete in the country.

VIOLETS

We are Western Headquarters for Fancy New York Violets and can supply any quantity

For New Year's

Also Carnations, Roses, Mignonette, Paper Whites and all other stock in season at Chicago Market rates. Write, Wire or Phone.

VAUGHAN & SPERRY

58-60 Wabash Avenue, L. D. Phone Central 2571 CHICAGO

Mention The Review when you write.

We hope you all had a Merry Christmas and hope you will have a

HAPPY and Prosperous NEW YEAR

and will need some of our fine Hudson River Violets, Carnations, Valley, Romans, Paper Whites—in large supply.

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

New Year's Prices

	Per doz.
BEAUTIES	
30 to 36-inch	$10 00 to $12.00
24 to 28-inch	6.00 to 8.00
15 to 20-inch	3.00 to 5.00
8 to 12-inch	2 00 to 3.00
Shorts	1.00 to 2.00
ROSES (Teas)	**Per 100**
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	10.00 to 25.00
Golden Gate and Kaiserin	6.00 to 15 00
Chatenay	6.00 to 12.00
Roses, our selection	6.00
CARNATIONS	4.00 to 5.00
" fancy	6.00 to 8.00
MISCELLANEOUS	
Violets, double	1.50 to 2.00
Violets, single	1.50
Harrisii Lilies, per doz.	2.00
Callas, "	2.00
Valley	4.00 to 5.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
GREENS	
Smilax Strings, per doz.	2.00
Asparagus Strings, each	.40 to .50
Asparagus Bunches, "	.35
Sprengeri Bunches, "	.35
Adiantum, per 100	.75
Ferns, Common, per 1000	2.00
Galax, G. and B. "	1.50
Leucothoe Sprays "	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

SPRINGFIELD, OHIO.

Current Comment.

The mail order florists are busy with preparations for the issue of their spring catalogues, which have just begun to come from the printers. The work of compiling, setting up and electrotyping the pages, printing, binding and mailing provides employment for a goodly number of persons. This will readily be understood upon glancing at the following figures, representing the actual output of the various concerns in catalogues of from thirty-two to 112 pages: Good & Reese Co., 575,000; Geo. H. Mellen Co., 140,000; Schmidt & Botley, 105,000; McGregor Bros. Co., 100,000; Springfield Floral Co., 65,000; Reeser Floral Co., 65,000, and Fairview Floral Co., 50,000, making a total of 1,100,000.

The sales of plants, seeds and bulbs which result from the scattering of this floral literature throughout the land, and, in fact, over the whole civilized portion of the earth, is something enormous and makes the local floral industry foremost in importance to the post-office and express companies.

John M. and Frank E. Good recently returned from a southern trip, during which they attended the annual meeting of stockholders of the United States Nursery Co., at Rich, Miss., in which a number of other Springfield men are interested. They report having had 125 acres in roses during the last season and the demand for stock such that they were able to fill only forty per cent of their orders. The soil had been somewhat exhausted from continuous planting of cotton, but has been gradually brought into much better condition for the desired purpose.

At the December meeting of the Florists' Club, the subject previously announced was, "Department Stores and How They Affect Our Business." Charles Unglaub opened the discussion from the standpoint of the local retailers and Leman Bradford, John Good, Charles Schmidt, Opha Jackson and others spoke in behalf of the wholesalers, after which the discussion became quite general and naturally somewhat spirited. The local conditions are held to be exceptional, in that we have two large, progressive and prosperous department stores, the Irish owners of which are related by marriage and yet at swords' points. When one introduces a sale on any particular line, the never-be-downed spirit of the other store is at once aroused and the succeeding morning or evening paper is sure to contain a "go-him-one-better" inducement to attract shoppers. Last spring one wholesaler cleaned house by introducing a sale of plants at one store and the other store immediately secured a large supply from another greenhouse and in the merry war that resulted, retail prices regardless of cost reached a point "unfit for publication," as our friends, the Jackson & Perkins Co., would say. Naturally the local retail florists suffered, temporarily at least, and are inclined to think the matter should be controlled in

Violets, Sweet Mignonette, Roses, Carnations
Paper Whites, Stevia, Valley And All Flowers in Season in Good Supply for **New Year's**

Replenish your stock of **FLORISTS' SUPPLIES** from the New, Bright, Up-to-Date goods illustrated and priced in our New Catalogue. If you haven't it hung on a nail beside your desk, a postal card will bring it to hang there.

A. L. RANDALL CO. 19-21 Randolph St. **Chicago**

Mention The Review when you write.

some manner, while the wholesalers thought the plants would be obtained elsewhere if not from them. The question was referred to the grievance committee, to be reported upon at the January meeting. GE DALE.

NEW YORK.

The Market.

Saturday supplies were short of the demand and cut-flower prices advanced sharply. The week opened with almost zero weather, a sudden change that boded no comfort for the plantsmen and for the retail florists, for the necessity of wrapping every plant. Orders had been booked during the latter part of the week and on Sunday that made retailers feel on easy street so far as their hampers and baskets of blooming plants were concerned. The final rounding up of the generous givers on Monday maintained the reputation of the past years for plant Christmases and cleaned up everything of value or beauty in plant specimen or combination. Then, of necessity, the desire for cut flowers was given more encouragement.

The growers with stands at the market opened at 5 o'clock, as is the custom on holidays, and a big crowd was in attendance. Prices were reasonable, and in an hour every grower had completed the sale of his stock, and by 8 o'clock the big exchange was empty. The regulars, Frank Millang, Bonnet Bros., Chas. Smith and W. H. Siebrecht, held the fort, as usual, during the balance of the day and were kept busy.

On the floor below the Cut Flower Co., Moore, Hentz & Nash, Noe and the other expert rose and carnation growers who here dispense their stock, opened as usual, at 8 o'clock, and soon the room was noisy with a host of buyers of every tongue and nation. In the babble I could distinguish Joe Millang's dictum "Best Beauties one and a half," and some of the best Maids and Brides on this floor were held for 30 cents. The pickled stock, wherever it was seen, and there was some of it everywhere, made one feel like 30 cents to look at it.

In the commission houses Beauties were sold in lots of 1,000 or more to some of the leading retailers. Some grand Beauty stock came from Philadelphia. The finest of the orchids touched $1 in the evening. Carnations, except for the novelties, sold at from $8 to $15 per hundred. The Cottage Gardens output, as usual, was wonderful and varied. Victory was in great demand, so were all the reds and crimsons, and at top prices.

The streets were flooded with stevia. Smilax was abundant. Lilies were few and $2 a dozen was the asking price. There seemed to be more than enough valley to go round.

In one of the Rhinebeck papers an advertisement urged the growers to make a united effort to force violets to $2. Copies of this reached the wholesalers in the late afternoon and caused quite a sensation. The general opinion was that there was danger of the severe illness of the goose that lays the golden eggs, or, in clearer terms, an inevitable and serious slump in the violet market after the holiday is over.

All the plantsmen are delighted. Not a desirable or salable plant is left unsold. Everybody seems to have calculated wisely and if any error has been made it is in conservatism, for there is not now and never will be a surplus of well grown plants that these cities within a radius of twenty miles of New York cannot handle profitably and surely. Great quantities have been shipped away, some of them over 1,000 miles, and more and more each year the expert growers of the east are called upon to satisfy the growing demand from the west, south and north of us.

Various Notes.

Alex McConnell has added to his big store in the Arcade on Fifth avenue two other stores in the same building, greatly increasing his conveniences thereby. He found them especially useful for the Christmas trade, which was far ahead of any former year in his long career. Last week on the Crown Prince Frederick he shipped for a customer to Queen Alexandra, of England, six dozen American Beauties, the roses being taken by special messenger from Plymouth to London. They were grown by L. M. Noe, of Madison, and reached their destination in perfect condition. This is the fourth shipment Mr. McConnell has made to the Queen of England.

McManus reports many shipments of orchids and a fine demand from all over the country, with all the popular varieties in stock and a fair supply for all demands.

The sales of wreathing and holly have been enormous. All the green goods men have had extra forces at work night and day. The prices of holly and Christmas trees have been firm, the latter averaging higher than for many years. Mistletoe, the imported, was hardly equal in quality to that of other years, but the demand soon left the market bare.

The supply men all report the greatest Christmas in their experience, without an exception. The Geller Co., located in its big new store just in time. They have made a great advance. Reed & Keller say the last year has beaten all its predecessors and every month has shown a satisfactory increase. Immortelles were not to be had at any price. The country is growing faster floriculturally in every line than the greatest optimist ever dreamed possible.

In the holiday season many of the retailers increase their active forces to

Wietor Bros.
51 Wabash Avenue,
CHICAGO

New Year's Price List

AMERICAN BEAUTY		**Per doz.**
Extra long stems.		$12.00
36-inch stems.....		10 00
30-inch stems.....		9.00
24-inch stems.....		8.00
20-inch stems.....		6.00
18-inch stems.....		5.00
15-inch stems.....		4.00
12-inch stems.....		3.00
8-inch stems.....	$1.50 to	2.00
	Per 100	
Brides, fancy.....	$10.00 to	$15.00
" good.....	6.00 to	8.00
Bridesmaids, fancy..	10.00 to	15 00
" good...	6.00 to	8 00
Liberty, fancy.....		20.00
" good.....	8.00 to	15.00
Richmond, fancy.....		20.00
" good.....	8.00 to	15.00
Chatenay, fancy	10.00 to	15.00
" good.....	6.00 to	8.00
Uncle John, fancy....	10.00 to	15 00
" good.....	6.00 to	8.00
Perle.....	6.00 to	10.00
Roses, our selection.		6.00
CARNATIONS, Good		5.00
" Fancy		6.00
" Ex. fancy		
Enchantress and Red		8.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers** 35 Randolph St. CHICAGO

FOR NEW YEAR'S

Will have a good supply of BEAUTIES, RICHMOND, LIBERTY, MAID, BRIDE, KILLARNEY, UNCLE JOHN, CHATENAY, and CARNATIONS at Chicago Market Prices.

Very strong on everything. **Send US your orders and we will send you fine stock.**

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

Headquarters

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

NEW YEAR'S PRICE LIST

	Per doz.
ORCHIDS, a specialty.	
Dendrobium Formosum	$5.00 to $6.00
Cattleyas	9.00 to 12.00
Cypripediums	3.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	12.00
24 to 36-inch stems	8.00 to 10.00
15 to 20-inch stems	5.00 to 6.00
Short stems	1.50 to 3.00
	Per 100
Bride, Maid, Ivory	6.00 to 15.00
Perle, Gate	6.00 to 15.00
Liberty, Richmond	10.00 to 25.00
Chatenay, Sunrise	8.00 to 15.00
Roses, my selection	6.00
Carnations, large fancy	6.00 to 8.00
" good stock	4.00 to 5.00
Violets, double or single	1.50 to 2.00
Callas, Harrisii....per doz.	2.00 to 3.00
Valley	4.00 to 5.00
Paper Whites, Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax.....per doz.,	2.00
Asparagus Strings...each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum.....per 100,	1.00 to 1.50
Ferns.....per 1000,	2.00
Galax ..... "	1.00
Leucothoe.....per 100	.75
Boxwood Sprays...per lb.	.15

Wild Smilax, case, $3.00, $4.00, $5.00, $6.00

Subject to change without notice.

Mention The Review when you write.

double regular size and some old familiar faces appear as reminders of days gone by. In Small & Sons, Wm. Plumb is enjoying a vacation as one of the lieutenants in this strenuous center.

Mr. Merritt, formerly with J. M. Hodgson & Co., on Fifth avenue, is now in charge of the Siegel & Cooper conservatories and his master hand and expert management are already apparent there and in the cut flower department of the firm as well. The large greenhouses are splendidly stocked with the choicest goods and a large increase in the volume of business has developed since Mr. Merritt assumed control.

At Bloomingdale's, W. W. Burnham has built up a wonderful business on legitimate lines, antagonizing none of the best retail trade of the city and maintaining similar prices to those which obtain in the retail stores of Broadway and Fifth avenue.

Over in Brooklyn at Loeser's, C. C. Trefel manages his immense trade in a similar way and with his own $1,500 team and delivery wagons and all needed facilities he has sold this Christmas 2,500 poinsettias in pots, 2,500 araucarias and over 2,000 azaleas, besides 5,000 fern dishes and palms and ferns innumerable. Last Easter his sales of azaleas totaled 18,000. On December 26 he had the elaborate decoration for the Brooklyn Heights casino. Mrs. Trefel is in charge of the cut flower department. These department store florists, once a menace, have become adjuncts and educators, enhancing the public interest in floriculture.

A great many growers of roses and violets were in the city last week, investigating the Christmas market prospects. Among them were Judson Traver and P. Tremper, of Rhinebeck.

These violets men up the state are growing in numbers rapidly and growing in wealth as well. Little wonder there is no other industry in Dutchess county worthy of the name. Every violet grower is an aristocrat. Even the beginners, with their two or three 100-foot houses put by enough money in the winter to take a trip to Europe and build another house or two for the next season.

J. AUSTIN SHAW.

The Charles H. Fox Co. has been incorporated under the laws of the state of New York, the principal offices being stated to be in New York city. The authorized capital stock is $25,000 and the incorporators are Charles H. Fox, Philadelphia; J. Hirsch and W. Jacobs, New York city. It is understood that it is the purpose of Mr. Fox to start a New York store.

PITTSBURG.

The Market.

Yes, it was a good Christmas. There was plenty of stock, after all, and every one got all he wanted, and that was a good deal. The weather turned cold Saturday night and we had a cold, white Christmas, and while this weather has helped business it has been hard on the plant men and has made plenty of extra work wrapping to protect from freezing, but there is no complaint, for everyone has made money.

After a week of snow, rain, and generally sloppy weather, Saturday night found the retail florists in a good humor, as trade had been all that had been

Cut Flowers for New Year's Day

We can and will take care of your wants.

CHICAGO MARKET QUTATIONS

E. F. WINTERSON CO., 45-47-49 Wabash Avenue, CHICAGO, ILL.

Mention The Review when you write.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. **Grower, Lynbrook, L. I., N. Y.**

Mention The Review when you write.

expected of it. Green goods of all kinds cleaned up nicely and plants never sold so well, but there probably never was as good stock offered for sale in this city. Immortelles, statice and other wreaths and decorations could scarcely be made up fast enough to satisfy the demand. The retail stores never looked so well nor had so many pretty things in them.

Various Notes.

Breitenstein & Flemm have their shop decorated with artificial poinsettias and these, with the exquisite plants and artistic wreaths, were worth going a mile to see.

Mrs. E. A. Williams' shop was as pretty as a picture. The general arrangement is always artistic, but the addition of such plants, baskets, wreaths and other novelties made it a paradise where even one in the trade found it hard to keep his money in his pocket.

A. W. Smith made a general change in his large store, putting all workmen out of sight and decorating the whole shop with natural poinsettias from six inches to eight feet high, and the effect he got with these flowers and Whitmani ferns was grand.

H. L. Blind & Bros. were not behind in any respect. Their azaleas, poinsettias, oranges, and various red-berried plants, and handsome cut flowers of their own growing, kept their store filled with buyers.

L. I. Neff, with four stores to look after, forgot his amusement interests entirely and was so busy keeping up a stock of his own novelties (red baskets filled with red immortelles and boxwood, and red bells by the thousands) that his force has been working day and night for several weeks.

Randolph & McClements, in the east end, had their beautiful store filled with everything one could think of in the way of plants for Christmas, and were busy with large decorations.

The Siebert Co. outdid itself in pretty combinations of red and green, both in plants and made-up wreaths.

P. S. Randolph, of Randolph & McClements, has sold the lot, 50x150 feet, at present occupied by their store, for $100,000 cash. This will compel them to change the location of the store in the spring. Hoo-Hoo.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

Mention The Review when you write.

PLANTS and CUT FLOWERS

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Randolph & McClements have bought the business of P. Siebert, the east end florist, including greenhouses on Stanton avenue, Eighteenth ward, and the lease on the building at Baum and Beatty streets. The lot is 100x120 feet and the present building occupies the front half of it. Randolph & McClements, as their lease is a long one, will erect a large building on the rear half of the lot at Beatty and Commerce streets and will remove their store to that location next spring.

BALTIMORE.

The Market.

Last week opened with a rush, and it still continues and the outlook is encouraging. It is feared cut blooms will be scarce, however. The growers are rushing in anything that is a bloom, and find a steady demand.

Carnations are bringing from $6 to $10. Roses are still scarce, but violets are more plentiful, and everything will be used up. American Beauties are steady and find ready demand. Callas are selling at $2 per dozen. Stevia and all sorts of bulbs are used up. There is quite a demand this year for poinsettia and immortelles. Christmas trees sold well. Norway spruce and Boston spruce seemed to be the leaders. Pine trees were hard to find. Many cedars were sent in and sold as low as 15 cents. Holly can be had in any amount at a reasonable price, in fact, greens of all kinds are plentiful and in demand.

Carnation Cuttings.

Mrs. Thomas Lawson,	$1.50	per 100;	$12.00	per 1000
Lady Bountiful	2.50	"	20.00	"
Cardinal	3.00	"	25.00	"
White Lawson	2.50	"	20.00	"
White Perfection	6.00	"	50.00	"
Victory	6.00	"	50.00	"
Robt. Craig	6.00	"	50.00	"
Helen Goddard	6.00	"	50.00	"
President	2.50	"	20.00	"
Estelle	2.00	"	15.00	"
Morning Glory	2.00	"	15.00	"
Lieut. Peary	2.50	"	20.00	"
Enchantress	2.00	"	18.00	"
Glacier	1.75	"	14.00	"

Write for prices if you want quantity.

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

ROOTED CUTTINGS

Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Salvia** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca** var., 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. German Ivy, 60c. Cash.

Umbrella Plants, 2-in., $1.50 per 100.

Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's** best seed, $1.25 per 100, prepaid. Cash.

SHIPPENSBURG FLORAL CO.
Shippensburg, Pa.

Mention The Review when you write.

Various Notes.

Frederick Reitz, of Franklintown, Md., has completed a new house for storing potted plants.

T. W. Gray has again secured his stall in the market. He has been hampered by a new building erected on the corner he formerly occupied.

Thomas Vincent, of West Baltimore street, is about again, attending to business.

Mrs. W. Haeckel, 1418 Pennsylvania avenue, has added to her store a side line of assorted candies.

Lohr & Fritze are sending in some fine poinsettias in 6-inch pans.

John Cook, North Charles street, is displaying some fine plants of German holly.

C. J. Gregorius, of Arlington, has a fine stock of azaleas. J. L. T.

Samuel Feast & Sons, with Gilbert J. Daily as manager, have opened a store at 1408 North Charles street. The store is under the Garage building and is fitted with up-to-date fixtures.

CLEVELAND.

The Market.

All kinds of stock has been very scarce for Christmas week. Carnations sold at from $8 to $10 per hundred for good blooms. Roses were also pretty much cleaned up. The growers found ready sale for all flowering stuff; pot plants sold better in this than in other years, the demand being about equal to the supply.

The cloudy weather in this vicinity for the last month gave all stock a setback. Growing carnations in Cleveland is about like growing them in a cellar. We have had little or no sunlight.

Various Notes.

A visit to J. M. Gasser Co., at Rocky River, found Mr. Bloy busy.

Mr. Simon, of Rocky River, formerly with J. M. Gasser Co., is sending in some fine blooms to the Cleveland Cut Flower Co.

Horace Welty is doing well in his new location on E. One Hundred and Fifth street near Euclid.

Smith & Fetters have their window decorated superbly. It has to be seen to be appreciated.

Frederick Aul has had quite a run of funeral work. He has his greenhouses and stock looking good. N.

LAPEER, MICH.—Francis McElroy is in charge of the establishment of Wm. H. Watson, as trustee in bankruptcy.

STREATOR, ILL.—The greenhouses of Newell Bros., on the west side, were badly damaged by fire December 15, burning the ends of the houses and rendering useless the heating plant. With no heat the crop was frozen in a few hours. There was no insurance.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As private gardener on a good size place, by a good florist and gardener; good grower of roses and carnations. Address Hellesen, 440 Grand Ave., Chicago.

SITUATION WANTED—By competent florist, Scotchman, married; 40 years of age, 22 years, practical experience in U. S.; capable of taking full charge of large commercial place where first-class stock is required; West or Northwest preferred. Address Joseph W. Milton, 708 East 36th Street, Minneapolis, Minn.

SITUATION WANTED—As working foreman of a section in a small or large commercial or private place, by sober, steady man, not afraid of work; 26 years' practical experience; good grower of cut flowers, every pot plant, vegetables; landscape gardening experience; German; aged 40; married; best of reference; please state particulars in first letter. Address E. G., 51 Second St., Bristol, Tenn.

SITUATION WANTED—As working foreman or manager: A1 rose and carnation grower and general plantsman; reference. Address No. **156,** care Florists' Review, Chicago.

SITUATION WANTED—By good all-round, reliable florist; single; German; 22 years' experience; good in carnations and roses; good worker and manager; fully competent to take charge; retail place in good running order and central states preferred. Address Florist, 545 Liberty Ave., Pittsburg, Pa.

WANTED—Two gardeners for private places; must be all-round men; state reference. Klehm's Nurseries, Arlington Heights, Ill.

WANTED—Steady, sober man; must be good grower of carnations; $30 a month with board. Address No. **162,** care Florists' Review, Chicago.

WANTED—Experienced man for retail florist store; must know how to make up funeral work and wait on store; age 25 to 35. Chas. H. Fox, 21st and Columbia Ave., Philadelphia, Pa.

WANTED TO RENT—Greenhouse establishment; about 12,000 square feet glass; near Philadelphia, Pa.; must be in good repair; take place in spring. Address Emil Wohlert, Florist, Bala, Pa.

WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

WANTED—Foreman for commercial place where roses, carnations and a general stock is grown; have about 75,000 feet of glass in central state; give salary and full particulars in first letter. Address No. **157,** care Florists' Review, Chicago.

WANTED—An up-to-date grower; single man; to take charge 18,000 feet glass; must be able to grow palms, ferns, carnations and bedding stock; must be a good propagator; do not answer unless you can fill the requirements. R. F. Gloede, Evanston, Ill.

WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shubbery and two houses 17x50, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. **154,** care Florists' Review, Chicago.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month; stock price $650.00. A good retail place. Address No. **141,** care Florists' Review, Chicago.

FOR RENT—Four greenhouses 125 feet long, 28 feet wide; water heat; $20.00 a month; 7 lots for hotbeds; lease good for 5 years; greenhouse stock, callas, carnations, Boston ferns, geraniums, 12,000 other stock mixed; stock to be sold cheap: lowest price; sickness is reason for selling. Address No. **158,** care Florists' Review, Chicago.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR SALE—4000 ft. of glass; thriving town of 4000; 24 express trains daily; no competition; 50 miles from large greenhouse; new; bargain; investigate immediately. Address No. **160,** care Florists' Review, Chicago.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,000 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—A bargain; $4000 00 will buy a greenhouse plant of about 30,000 square feet of glass; well stocked; steam heated; good retail trade, cheap fuel; possession given immediately. Joseph E. Bonsall, Salem, Ohio.

FOR SALE—Wholesale greenhouse plant, steam heat, well stocked with roses and carnations; also modern two-story dwelling, all in first-class condition; will sell very reasonable. For particulars address No. **159,** care Florists' Review, Chicago.

FOR SALE OR TRADE—Greenhouse, 7,000 feet of glass, city of 4,500; fine heating system, Morehead steam trap; straight line to Chicago; good demand for vegetables and cut flowers; will sell or trade for a farm; house been built two years; ¼-block of ground in center of city; sell very cheap. Address No. **164,** care Florists' Review, Chicago.

FOR SALE—Old-established retail florist and landscape gardening business on Long Island, in one of the most restricted parts near the seashore; consisting of 6 small greenhouses, well stocked, all implements and machinery; a good opportunity, for the small amount of $6500 cash. Address No. **161,** care Florists' Review, Chicago.

FOR SALE—Retail plant of 5500 feet of glass in a fine location and in first-class condition with plenty of stock; price $5500.00; $1000.00 cash, balance easy terms; grand bargain; look into it. C. J. Pult, 385 Ellicott St., Buffalo, N. Y.

WANTED

We want a traveling man who knows the florists' supply line thoroughly.

Must know the trade of the middle west, particularly the undertaking trade.

Address with references and wages,

No. 143, care Florists' Review, Chicago.

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**

51 Erie Street, Chicago

FOR SALE
TWO GREENHOUSES

each 100 feet long; large size Monitor boiler and pipes. Call or address

WILLIAM CHRIST, 408 East Walnut Lane, Germantown, Philadelphia, Pa.

FOR SALE!

Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. **163,** care Florists' Review, Chicago.

FOR SALE

200 second-hand iron sash bars in good condition, drilled for glazing, 6 feet 9 inches long, and 200 bars 3 feet 8 inches long. The lot for $25.00.

1 small Haxton boiler in good shape all but front door, $35.00.

Boston Ferns cheap, see classified adv.

F. W. Heckenkamp, Jr., Quincy, Ill.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,

50 West 29th Street, NEW YORK CITY.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located: 34 greenhouses; 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For Terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 135, care Florists' Review, Chicago.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Cut Ferns=Galax Leaves

—THE YEAR AROUND—

Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

STEAMER SAILINGS.

Travel to Mediterranean and other southern ports begins with real winter. Compared to summer sailings it amounts to little for the florists, but it is nevertheless worth while to occasionally remind the public of your facilities for delivering flowers at distant points on short notice. Here are principal sailings:

Steamer—	From—	To—	Sails.
Ivernia	Boston	Liverpool	Dec. 25
Haverford	Philadelphia	Liverpool	Dec. 29
Caronia	New York	Egypt	Jan. 5
Noordland	Philadelphia	Liverpool	Jan. 5
Cedric	New York	Egypt	Jan. 5
Hamburg	New York	Naples	Jan. 10
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19
Canopic	Boston	Egypt	Feb. 23
K. Albert	New York	Naples	Feb. 23
Ivernia	Boston	Liverpool	Mar. 5
Pannonia	New York	Naples	Mar. 12
Republic	Boston	Egypt	Mar. 16
Carpathia	New York	Naples	Mar. 26
Slavonia	New York	Naples	Apr. 9
Canopic	Boston	Egypt	Apr. 10
P. V. Louise	New York	Naples	Apr. 11

ELBERON, N. J.

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THE REVIEW will send Herrington's Chrysanthemum Book on receipt of 50 cents.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
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NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





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RAY BROS., ELK PARK, N. C.

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GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

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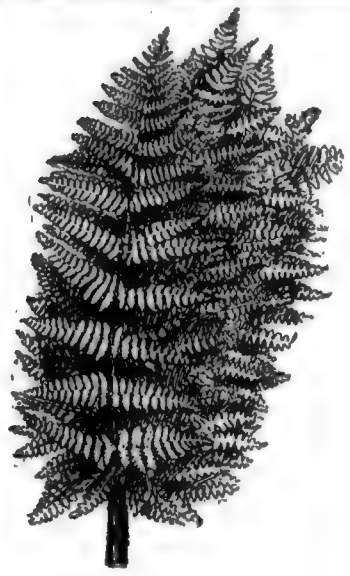
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LAUREL. Wreaths, $2.50 per doz. and upward. Festooning, 5c and 6c per yard.

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Discount on large orders
Boxwood, 20c lb.; 50 lbs., $8.50. **GALAX** Bronze and Green $1.25 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

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38-40 Broadway, DETROIT, MICH.

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Direct from the woods to the dealer.
Galax, Green and Bronze.....50c per 1000
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Ferns, dagger and fancy, 70c per 1000.
Special prices on lots of 100,000 and up.
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F. W. Richards & Co., Banners Elk, N. C.



FERNS

Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality.

Write for prices.

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ADAMS, MASS.

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Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000 .....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50
Boxwood
Per lb.....20c Per bunch.....35c
Green Sheet Moss
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Kalmia or Mountain Laurel..... 3.00 per 1000
Also **Rhododendron Plants** which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.

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Mr. Reuter is covering part of the thirty-five acres he owns in the village with frames for hardy stock. He is also building dwellings for his help and frame buildings for his live stock. The farm of ninety-eight acres, just outside the town, furnishes the soil that conduces to produce the stock for which Westerly is famous. W. M.

VIRGINIA, ILL.—Andrew Reither has departed for Texas, where he will spend the winter at different points.

OKLAHOMA CITY, OKLA.—The Stiles Co. now occupy the room in the Lee office building vacated a few days ago by the J. W. Jenkins Music Co.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

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Cut Ferns=Galax Leaves

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Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

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GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

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STEAMER SAILINGS.

Travel to Mediterranean and other southern ports begins with real winter. Compared to summer sailings it amounts to little for the florists, but it is nevertheless worth while to occasionally remind the public of your facilities for delivering flowers at distant points on short notice. Here are principal sailings:

Steamer—	From—	To—	Sails.
Ivernia	Boston	Liverpool	Dec. 25
Haverford	Philadelphia	Liverpool	Dec. 29
Caronia	New York	Egypt	Jan. 5
Noordland	Philadelphia	Liverpool	Jan. 5
Cedric	New York	Egypt	Jan. 5
Hamburg	New York	Naples	Jan. 10
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19
Canopic	Boston	Egypt	Feb. 23
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Ivernia	Boston	Liverpool	Mar. 5
Pannonia	New York	Naples	Mar. 12
Republic	Boston	Egypt	Mar. 16
Carpathia	New York	Naples	Mar. 26
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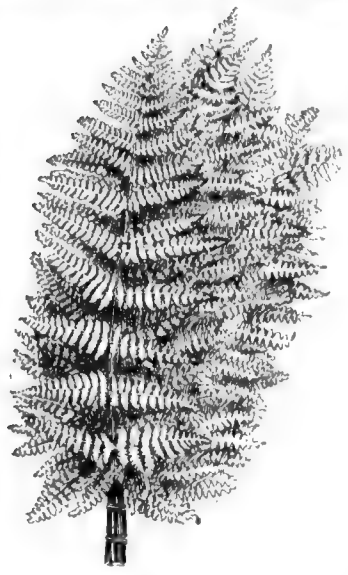
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Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Dec. 26.—Cucumbers, 1 to $1.75 doz.; head lettuce, 75c to $1 tub; leaf lettuce, 35c to 40c case; radishes, 75c to 80c bunch.

Boston, Dec. 24.—Cucumbers, $3.50 to $13.50 box; lettuce, 35c to 50c doz.; tomatoes, 25c to 35c lb.; asparagus, $4 doz. bunches; parsley, $1.25 to $1.50 basket; mushrooms, 75c to $1 lb.; radishes, $1.75 to $2 box; mint, 40c doz.

New York, Dec. 24.—Cucumbers in light supply and firm. Lettuce dragging. Mushrooms selling fairly at late prices. Mint higher. Radishes in good demand when fancy. Tomatoes firm. No. 1 cucumbers, $1.50 to $2 doz.; No. 2, $1 to $1.25 doz.; culls, $2 to $4 box; lettuce, 25c to 40c doz.; mushrooms, 25c to 75c lb.; mint, 75c to $1 doz. bunches; radishes, $2 to $3 per 100 bunches; spinach, 10c to 15c doz. bunches; tomatoes, 15c to 30c lb.

LETTUCE WORM.

I send two worms (one cocoon) that I found in large numbers on my lettuce in the garden in early fall and as my first crop from the greenhouse plants were outside until September 15 I have found several of them on the field-grown lettuce indoors recently. It appears to be a species of the cabbage worm but I had never known it to be found on lettuce. Please examine and let me know what it is and what remedy you would suggest for it. L. G.

The sample sent is what is commonly called the green lettuce worm. It does not feed entirely on lettuce, though it shows a special preference for it as a diet. The best means of getting rid of them indoors is by hand picking. Though they usually keep on the under side of the leaf, it is easy to see by the mutilated leaves where they are working.

They are not apt to appear in large quantities on the lettuce, as the butterfly that lays the eggs hibernates for the winter. The eggs have no doubt been taken indoors on the plants and, with the warm atmosphere provided, have hatched out. Remedies like slugshot, tobacco, etc., would be all right to kill the warms but these leave the plants dirty and, being hard to clean off, would certainly not improve the flavor of the lettuce. Outdoors some of these remedies have to be employed, as in the open hand picking is out of the question, especially for large plantations, but if put on as a preventive when the plants are small the rain may be counted on to pretty well clean the plants before they are ready for use. W. S. Croydon.

FEEDING.

The present is a season when practically no feeding should be given to vegetables forced under glass, as the dull, cloudy weather renders the plants inactive to a certain degree. It is the action of sunlight on the foliage that enables the plants to draw up and assimilate the plant foods which go to build up the tissues and strengthen the plants. Hence at this season, when we are getting the mimimum of sunshine, the requirements of the plants in respect to plant foods must also be at a minimum. Therefore, if feeding material is applied it must be to a large extent wasted, besides clogging up the soil with chemical matter to the exclusion of the free passage of air, this causing more or less sourness in the soil and rendering the roots of the plants less active than they would otherwise be. Under such conditions the plants will make a soft growth and fall an easy prey to fungus and other diseases.

All efforts during the dull, short days should be directed towards keeping the plants as firm in growth as possible by avoiding anything that will induce soft growth and by giving all the fresh air that can safely be given. Then, when the proper season comes, the plants will be in the best possible condition to assimilate the plant foods.

The time at which feeding material can safely be applied will depend a good deal on the season, but as a rule about the middle of February the lengthening days and the increasing amount of sunshine increase the action of the plants to a degree sufficient to enable them to profit by the application of feeding material.

Strong feeders, such as tomatoes and cucumbers, should be the first to receive feeding. The material to be used will depend a good deal on the quality of the soil in which the plants are growing. Soils are seldom found that are evenly balanced in the matter of plant foods, and the grower should endeavor to ascertain the elements in which his soil is lacking and apply manures accordingly, also taking into consideration the requirements of the plants in hand.

Bone meal makes a good general fertilizer, both for cucumbers and tomatoes, but for soils lacking in nitrogen, blood and bone is preferable. Guano also is good when a good grade can be procured, but the different brands vary considerably in strength and composition. Hen and pigeon manure are both rich in phosphoric acid and are valuable fertilizers, but must be used in small quantities or damage may result.

Barnyard manure is about as good a general manure as can be had, but is best mixed in the soil before it is put in the beds, though a good liquid manure can be made from the fresh cow manure by mixing it at the rate of one bushel to fifty gallons of water. A good liquid also is made from sheep manure by putting one bushel in a bag and soaking in fifty gallons of water. After standing a day or two the liquid from this would be too strong to apply as it is at first, so should be diluted about half and half with clear water. After taking off the liquid the barrel or tank should be filled up and allowed to stand for a couple of days. The liquid resulting from this will be about the right strength to apply. Liquid can also be made from hen manure the same way, but as this is strong material it should be well diluted at first.

Sulphate of ammonia and nitrate of soda are two quick acting manures, useful as stimulants in carrying through a crop that is near completion.

Either of these latter manures may be used on lettuce, but only when the days are long and the weather clear and bright, so that plenty of fresh air can be given to keep the growth firm and prevent damping. Applied in the short days of winter, harm to the plants would be sure to result. W. S. Croydon.

Enclosed find $1 to renew subscription to the Review. We could not do without it. It has been worth lots to us. It is the best publication of its kind.—A. T. Buckeridge, Wichita, Kan.

A BED OF MUSHROOMS

Raised from our Spawn, will bear longer and yield better than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

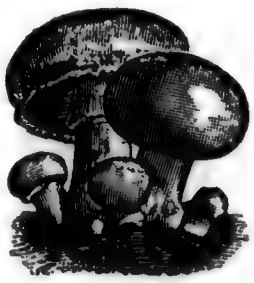
Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.



Lambert's Pure Culture Mushroom Spawn

Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized. Has never failed to run Sold by Leading Seedsmen. Practical instructions on "Mushroom Culture" mailed free on application.

American Spawn Co. St. Paul, Minn.

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PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50. Per 50 bricks, $6.50. Per 100 bricks, $12.00.

Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

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MUSHROOM SPAWN

Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.

Pure Culture Spawn Co.

609 W. Fourth St. CINCINNATI, O.

Chicago Branch, 604 LaSalle Ave.

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Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

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J. J. Tilly Co.
SEATTLE, WASH.
Growers Of
PUGET SOUND
CABBAGE SEED
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

THE market gardeners are astir. They fear inability to procure seed of their favorite strains.

THE after Christmas lull will give some of the seedsmen a chance to adjust onion seed prices.

SOME of the posted ones state that the green-podded beans will not bring the prices they did last year.

THE general demand for advanced prices on contract orders is not meeting with the resistance the grower feared.

IT is a safe guess that nobody knows what onion sets will be worth in the spring, unless they have the amount nominated on the bond.

SPEAKING of onion seed, there is one good thing to be noted, and that is the fact that there is no supply of the Globe varieties to be had from promiscuous sources.

THE two representatives of the California seed growing interests, who are the only ones thus far engaged in an eastern trip this season, report business booked up to the limit of their resources.

WITH the exception of beans and potatoes, the prices in the 1906 retail catalogues would do just as well for 1907, and those who depend on the cut rate for their trade would be just about as far below the quality pushers.

THERE is wide call for reliable seeds of forcing strains of lettuce, cucumber, radish, etc. The seedsman who establishes, through advertising, a wide reputation for reliable stock will have a permanent asset in a steady mail order trade.

IT doesn't look as though congress is very anxious to legislate on free seeds, the tariff, the parcels post, or any other of the weighty subjects before it, when it takes a holiday recess from December 20 to January 3. The session ends March 4, 1907.

THE general catalogue of Walter P. Stokes, Philadelphia, was received December 21. It prices Yellow Globe onion at $2.75 and White Globe at $3.50; Wardwell's, Davis' and Refugee wax beans at $6; Alaska peas, $4.50; turnip beets, 65 cents to 75 cents per pound.

LEONARD SEED CO.
Leading Onion Set Growers
FLOWER SEEDS
SEED GROWERS
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CHICAGO

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

A. J. PIETERS SEED COMPANY
HOLLISTER, CAL.
Grower of
Vegetable and Flower Seeds
Special attention paid to SELECTED STOCKS:::::
A. J. PIETERS, President and Manager, will visit the trade December—January.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.
The Everett B. Clark Company
MILFORD, CONN.
East Jordan, Mich. Sister Bay, Wis.
We are now writing growing contracts for PEAS AND BEANS which we grow in both Michigan and Wisconsin.
Mention The Review when you write.

Z. LATTIMER, formerly manager of the Elgin Seed Co., Elgin, Ill., now is with the Nebraska Seed Co., Omaha.

J. M. THORBURN & Co. received a part of their German seeds December 21, on the Kaiser Wilhelm II, via Bremen.

STRANGE things crop out when conditions are favorable. It is reported that some of the California growers have bought onion seed at a point quite distant from the home ranch and are having it shipped to them by freight at regular rates. What are they going to do with this seed?

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street, San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon, Squash, Watermelon, Sweet Corn.
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.
Mention The Review when you write.

THE Burpee Farm Annual for 1907 came to hand December 26. It is of the usual size and style, 200 pages. Aside from the Burpee prices, which always are of interest to other catalogue houses, the greatest interest will be in the announcement of two new bush lima beans,

Fordhook bush lima and the Burpee Improved bush lima. These originated with Henry Fish, Santa Barbara, Cal., in 1903, in a crop of Challenger pole lima. C. C. Morse & Co. are quoted as saying these beans are far ahead of any other limas. The Burpee price on Southport Red Globe is $2.50; Yellow Globe, $2.75; White Globe, $3.50; Alaska peas, $4.50 bu.

Chas. P. Guelf, of the Jerome B. Rice Seed Co., accompanied by Mrs. Guelf, is spending the holiday season at the Sherman House, Chicago.

When the pea grower goes out in search of contract business for the coming year's delivery he ought to be able to get at least 50 cents per bushel more than he did last year.

La Porte, Ind., has just had a most successful "corn show," under the auspices of the farmers' institute and for prizes designed to encourage seed selection, looking toward increased yields.

Horace J. Wright, late secretary of the English National Sweet Pea Society, journalist, etc., has commenced business as a seed merchant and specialist in sweet peas, at 32 Dault road, Wandsworth, London.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 21 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto	3	$ 29	Fennel	32	$ 475
Anise	110	1,087	Grass	168	1,762
Canary	661	1,705	Hemp	350	1,873
Caraway	900	6,244	Millet	800	2,130
Cardamom	23	662	Mustard	1,078	11,068
Castor	643	3,019	Poppy	50	406
Clover	40	762	Rape	38	148
Coriander	310	1,050	Sug. beet	1,500	10,985
Cummin	300	3,292	Other		10,825

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $28,666.

NOTES FROM HOLLAND.

A continuation of the most unusual summer-like weather marked the month of November, and not only have bulb plantings been finished under the most favorable conditions known for years, but the winter covering of bulb fields has been laid without any interruption. With the exception of a single night frost to help the leaves off the trees, fully a month later than any other year, not a single sharp frost has reminded us of the approach of winter.

However, such unusual behavior in nature has not been without effect on the bulbs that had been planted early in the season, and in many places the growth above the ground is already very considerable. Bulb sales have now come to an end, and generally little surplus stock has been left on the hands of the grower. Only the spiræa has moved slowly; but liliums and lily of the valley have sold well and have been cleared out at satisfactory prices.

Seed crops have now nearly all been harvested, and, notwithstanding the fine summer and autumn, some crops, like radish and carrots, have not been up to expectation.—Horticultural Trade Journal.

SEASONS AND SEEDS.

"It is greatly to be desired that we should have a couple of cold winters with hot summers of the real old-fashioned sort," a representative of a large Columbus seed house is reported as saying. "We must have seasonable conditions now or suffer a great deal in the not distant future for lack of many varieties of vegetable food, essential to cheap and healthful living.

"If we don't have at least two or three sharp winters and as many hot summers the people will suffer greatly from lack of vegetables. It is almost a necessity that the next three or four months give us plenty of snow and cold. Many vegetables show signs of deterioration, peas and beans being the chief sufferers so far. The seeds of these two sent out this year must be handled with a great deal of care if even fair crops are to result. The mild winters and the cool, moist summers have almost robbed them of their germinating qualities.

"Seeds of most of the common vegetables are in much smaller supply than usual. This is true of peas and beans, and is especially true of tomatoes. I don't know that the weather has had any particular effect on the tomato crop, but it has been most unusual. The product this year was never better for table use and for the canner, but there were almost no seeds, except where the late crop was caught in the long spell of early fall rains. These tomatoes went to seed, but the earlier and major portion of the crop went all to pulp. Our house is between ten and twelve tons

STOKES' Standard Seeds FOR Market Gardeners

New Crop Flower Seeds

Just received new crop stocks in fine condition.
SALVIA BONFIRE—Myowngrowing, Celebrated Floracroft Strain, trade pkt., 30c; per oz., $2.00.
VERBENA—(Mammoth), white, scarlet, purple, pink, mixed, trade pkt., 30c; per oz., $1.25.
PHLOX DRUMMONDII GRANDIFLORA—In separate colors, trade pkt., 20c; per oz., 75c. Dwarf Compact, Snowball and Fireball, trade pkt., 30c; per oz., $1.50.
ASTERS—Finest sorts, many of my own growing.
ANTIRRHINUM—(Snapdragon), giant white, garnet, pink, scarlet, striped, yellow, mixed, tr. pkt., 20c; per oz., 60c.
My 1907 Market Gardeners' and Florists' Catalogues, also my General Retail Seed Catalogue for 1907, are now ready for distribution.
See my new "STOKES' STANDARD" way of selling vegetable seeds. It is different.

Stokes Seed Store.
219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

HIGH-GRADE VALLEY
EARLY GIANT FORCING
The finest Valley on the market. Every pip bears a long, strong stalk with twelve to sixteen large bells. Per 100, $1.50; per 1000, $14.00; per case of 2,500, $34.50.
CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

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THE FINEST VALLEY
Western Headquarters for Early Forcing Pips
$14.00 per 1000; $1.50 per 100. Now ready. This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.
FANCY CUT VALLEY
H. N. BRUNS, Long Distance Phone 1409-11 Madison St., Chicago

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ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, BERLIN, N. Y.
United States Representative and Grower of GROFF'S HYBRIDS, Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

——HEADQUARTERS FOR——

Cauliflower and Tripoli Onion Seed (Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

Ask for Our Wholesale Catalogue.

Mention The Review when you write.



Some of our Conifers.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.

Mention The Review when you write.

Danish Seed

CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.
CABBAGE, White Amager (Stonehead).
Write direct to the grower.

CHRIS. OLSEN, Seed Grower Odense, Denmark

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CAULIFLOWER SEED

CABBAGE SEED

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN

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Choice Flower Seeds

The very finest strains of Primula Sinensis, Herbaceous Calceolaria, etc., are grown and offered for sale by

H. B. MAY & SONS

UPPER EDMONTON, LONDON, ENGLAND

Price List on application.

Mention The Review when you write.

short in its supply of seed, and most of the large seed houses also are heavily short, and have had to take tomato seed from the selling list, their supplies being sold out. There has been an advance of fifty per cent as compared with the prices of tomato seed a year ago.''

EUROPEAN SEED NOTES.

Considering the heavy crop of red clover harvested in England this year it is rather surprising how well prices are maintained. The merchants are doing their utmost to induce growers to thresh and market their clover seed without any delay and thus secure a good market before any quantity of foreign seed is on offer. So far their efforts produced little response and in view of the large crops held by the growers it is almost safe to predict that prices must suffer a rapid decline.

Mangold, beets, radishes, cauliflower, onion, cucumber, marrow and the like, French beans and spinach are among the articles which are quoted dearer this year and are likely to continue to rise in price, probably all over Europe. In flower seeds, asters, stocks, pansies and some few other sorts of annuals are reported higher in price and likely to continue so. Tomatoes, lettuces, leek, carrots, etc., appear to be an average crop and prices not likely to rise much. Cabbage and Savoy are reported short in some European districts but some good harvests in England will make up the deficiency to a certain extent, so that no particular rise may be expected. As already reported, supplies of agricul-

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

Conrad Appel, Darmstadt, Germany

—Established 1789—

Forest and Agricultural Seed Establishment

Specialties: GRASS, CLOVER and AGRICULTURAL FOREST TREE SEEDS of Highest Possible Purity and Growth.
GRASS SEED MIXTURES FOR LAWNS, MEADOWS AND PASTURES
Many Highest Awards and Diplomas.
Last Award: Grand Prize International Exhibition, Milan, 1906.

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Established 1880. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

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LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

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FOR DELIVERY IN FALL AND SPRING

ENGLISH MANETTI Stocks for Florists

Holland Roses, Rhododendrons, Hollies, Etc.

LILY OF THE VALLEY for Early and Late Forcing

French Fruit and Ornamental Stocks

Raffia from Stock and for Import

For catalogues, prices, etc., please apply to

H. Frank Darrow, Importer

Successor to Aug. Rhotert

26 Barclay St., P. O. Box 1250, New York

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The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.

Vick's Aster Seed

THE BEST IN THE WORLD

FINE NEW VARIETIES FOR 1907

Did you see our adv. in Christmas Number of the Florists' Review? Look it up. It is worth reading.

JAMES VICK'S SONS
ROCHESTER, N. Y.

THE LEADING SPECIALISTS AND LARGEST GROWERS OF HIGH-GRADE ASTERS IN THE WORLD.

Mention The Review when you write.

tural seeds are in full supply. These crop reports may appear somewhat late and may, perhaps, repeat many of my previous reports, but they are more to be relied upon coming to hand later and when the crops are fully cleaned.

Seedsmen report a general clean-up of bulbs of all sorts at good prices. Supplementary orders sent to Holland in the majority of cases remained unfilled, there being no bulbs of the popular trade sorts left in the Dutch warehouses after the regular shipments finished. Some few sorts of gladioli have been slow sale but even these are getting practically cleared.

Mild weather has been experienced in Holland during the whole of the planting season and practically the whole of the stock bulbs are under the ground and are already safely protected from frost with the winter covering of reeds and similar material. A less quantity than usual is reported to have been planted by the regular, old-established export firms, but taking into account the large new cultures in the new northern districts there is a larger acreage planted than usual. B. J.

VITALITY OF SEEDS.

While there is some doubt as to the reliability of reports of wheat taken from Egyptian graves of ancient date germinating when planted, many notable, if less wonderful, examples of nature's preservation of the life of seeds come to light from time to time. One of the most noteworthy of these refers to seeds taken from Fort Conger, about 490 miles from the pole, by the Peary party in 1899, having been exposed in this northern climate for a period of sixteen years, their presence there being the result of the Greely expedition of 1883. Packages of lettuce and radish seeds were brought to the United States, and, after a further period of six years, were planted, and while the lettuce seed had lost its vitality, fully one-half of the radish seeds germinated.

ANTHURIUM SEED.

A hint as to the vegetative treatment of the seeds of Anthurium Scherzianum and other species and varieties is given by M. Van Hecke, of Ghent. He states in the Deutsche Gartner Zeitung that the seeds suffer if they be not sown almost directly they are mature, and the best mode of sowing is in shallow pans filled with finely chopped sphagnum one-half and an equal portion of leaf soil, placing the seeds about three-quarters of an inch from each other and putting nothing over them, but lightly pressing the seeds into the mixture. The seedpans

ASPARAGUS PLUMOSUS

We handle only the carefully selected, greenhouse-grown quality. It positively germinates and is true to name. **60c** per 100 seeds; **$2.75** per 500 seeds; **$5.00** per 1000 seeds.

SALVIA, (Scarlet Sage)

Bonfire, ¼-trade pkt., 25c; trade pkt., 40c; per oz., $2.50.
Splendens, trade pkt., 25c; per oz., $1.25. Also all other varieties.

STOCKS FOR FORCING

Princess Alice, ¼-trade pkt., 30c; trade pkt., 50c; per oz., $2 50.
Beauty of Nice, Delicate Pink, ¼-trade pkt., 30c; trade pkt., 50c.
Snowflake, Dwarf, Pure White, ¼-trade pkt., 30c; trade pkt., 50c.

CARNATION BANDS

Save time and money by using these on bursted calyx carnation blooms.

1000	15c	4500	50c
2000	25c	7000	75c
10,000			$1.00

Write for our combined order sheet and price list of flower seeds.

HENRY F. MICHELL CO.
1018 Market St., Philadelphia, Pa.

Mention The Review when you write.

GLADIOLI

Augusta, May, E. Scribe, Mme. Monneret, Fire King, Oriflamme, Pactole, "1900," Marie Lemoine, Klondike. Assorted colors—Red, pink, yellow, white and light, variegated, blue and purple. Silver Trophy, 3 sections. Lemoine Hyb., Groff Hyb., choice mixture. Write for trade list.

E. E. STEWART, Rives Junction, Mich.
Mention The Review when you write.

Augusta Gladiolus

First size, 1½ and up.....$12.00 per 1000
Second size, 1¼-1½..... 8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.
Mention The Review when you write.

receiving an application of water and a sheet of glass over each, and then placing them in the propagating house having a warmth of 65 degrees to 70 degrees. The chief points to observe in raising the seedlings are a constant and regular degree of warmth and of moisture.

FUMIGATING SEEDS.

"As much as forty years ago scientific men," says Burnet Landreth in his address on "The New Agriculture," "indicated to seedsmen the use of several insecticides, principally carbon-bisulphid for the treatment of weevil-infected seeds, or for the treatment, in fact, of any seeds bearing on their surfaces or within them insects or mites. Seedsmen and grain merchants are especially annoyed in the conduct of their business by the depredations of the weevil family which burrow or ensconce themselves notably in the seeds of peas or beans, corn or wheat. These grubs may be killed in their holes by the fumes of carbon bisulphid, to effect which the seedsman erects a room say thirty or forty feet square, lined top, bottom and sides with tin and with a door which can be hermetically sealed. Such a room

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr. pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.
Mention The Review when you write.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, good per cent of new Sicily, 1000 seeds, 50c.
Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots, finest to be had, 1000 seeds, 25c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Salvia Bonfire. Finest variety grown, brilliant scarlet and compacta, 1000 seeds, 40c.
Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ½ pkt., 50c.

Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

can be loaded up with a carload, say 600 bushels of peas, beans or anything else.

"A carload of peas or beans thus treated and subjected to the fumes from a gallon of the liquid for thirty hours may then be taken out with all the larva killed, the fumes penetrating not only to the center of the pile, but to the center of every sack. The odor of the fumes soon dissipates, leaving no resultant injury to seed vitality. A more efficient agent is hydrocyanic acid gas, but it is dangerous in the hands of ignorant people."

CATALOGUES RECEIVED.

[All catalogues are filed by the Review and are accessible to the trade for reference at any time. Following are the latest arrivals.]

Dammann & Co., San Giovanni A Teduccio, near Naples, Italy, general price-list of seeds and bulbs; Barteldes Seed Co., Denver, Colo., general catalogue; Wiseman's Horticultural Establishment, Elgin, Scotland, price-list of climbing plants; Sluis & Groot, Enkhuizen, Holland, price-list of vegetable, flower and agricultural seeds; Pacific Seed Co., Portland, Ore., general catalogue; R. Vincent, Jr., & Son, gerani-

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

Just arrived and are, as usual, the finest imported into this market **no matter under what name.**

SPIRAEA

Japonica, extra strong clumps.$3.50 per 100
Astilboides Floribunda..... 4.00 per 100
Compacta Multiflora..... 4.00 per 100
Gladstone..... 6.50 per 100

LILIUM LONGIFLORUM

	Per 1000	Per 100
6 to 8 inches	$27.00	$3.00
7 to 9 inches	45.00	5.00
Multiflorum, 6 to 8 inches	28.00	3.00
" 7 to 9 inches	50.00	5.50

J. M. THORBURN & CO.
33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.



We made this halftone from a **Wash Drawing.** One of the many we are turning out for 1907 **Seed Catalogues.** Our artists are the best in the United States on flower and vegetable drawing. We make a specialty of **Cuts For Seedsmen.** All processes. Quick work if necessary. Satisfaction guaranteed.

CRESCENT ENGRAVING CO.
341-349 Clark Street, CHICAGO

Mention The Review when you write.

ums; Köhler & Rudel, Windischleuba-Altenburg, Germany, seed specialties; W. W. Barnard Co., Chicago, Ill., price-list of flower seeds; Charles H. Totty, Madison, N. J., chrysanthemum and other novelties; Stokes' Seed Store, Philadelphia, general catalogue for 1907; W. E. Marshall & Co., New York, general catalogue for 1907.

Calendars Received.

The REVIEW has been remembered with 1907 calendars from Adam Schillo Lumber Co., Chicago; Archias Seed Store, Sedalia, Mo.; Geo. E. Dickinson, New York.

W. F. Kasting, Buffalo, sends out a thermometer and a handsome blotter.

IN THE SOUTHWEST.

Trade In Its Infancy.

From a commercial viewpoint, all the evidence at hand speaks of progress. Texas is beginning to realize that she can grow cut flowers, and one prominent grower of Dallas has made a start in the right direction, having put up last spring 100,000 square feet of glass, with the intention of doubling it next year. These houses are up-to-date and no expense was spared to make them the best in the country. He grows all the new kinds of roses and carnations, along with the best standard sorts, also the general runs of cut flowers and greens, doing a wholesale business only. It is such a place as the small florists of this state have been needing, where they can get their flowers in a hurry.

From all over the state reports come of new houses going up for retail use, but one of the greatest things the florists of this state have to contend with is to get expert help. There is a good chance for such help down here, and after getting used to the weather and the state they could get good wages.

In cut flowers, carnations have been grown more than any other flower. Roses under glass up to the present have not been a great success, although a San Antonio grower does them well, and I think some of the other growers will take rose culture up in the near future. Roses do finely in the open ground, and can be cut up to November. Small roses out of 2-inch pots were in great demand, the orders for some kinds having been hard to fill last spring. All the houses sending out catalogues are now getting out elaborate spring catalogues, with the expectation of 1907 being the best ever.

HARRY DONNELLY.

THE REVIEW is the pusher.—J. G. ANGEL, Neosho, Mo.

THE REVIEW is full of valuable information. In fact, it is the best florists' paper I have ever read. I would not be without it for ten times its cost.—GEO. FAUTH, Woodlawn, Md.

NEW CROP SALVIA SPLENDENS SCARLET SAGE

Clara Bedman or Bonfire. trade pkt., 25c; per oz., $2.00; per ¼ lb., $6.00.
Salvia Splendens, trade pkt., 20c; per oz., $1.00.
NEW CROP SMILAX. per ounce, 20c; per ¼ pound, 60c; per pound, $2.00.

JUST RECEIVED JAPAN LILIES EXCEPTIONALLY FINE BULBS

	Per doz.	Per 100	Per 1000
Lilium auratum, 8-9 (130 bulbs to case)	$0.70	$4.50	$42.00
" **spec. album,** 8-9 (220 bulbs to case)	1.50	6.00	62.00
" " **rubrum,** 8-9 (200 bulbs to case)	.90	5.50	50.00
" " **Melpomene,** 8-9 (200 bulbs to case)	1.00	6.00	55.00

Write for prices on Forcing Narcissi, Roman Hyacinths, Tulips, Lily of the Valley, Begonias, Gloxinias, Fern Balls, etc.

Johnson Seed Co., 217 Market Street, PHILADELPHIA, PA.
Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white.....1-32 oz , 75c
Faust, most exquisite pink.....1-32 oz., 75c
Valentine, delicate lavender.....1-32 oz., 75c
Mephistopheles, fiery red.....1-32 oz., 75c
All varieties mixed.....1-32 oz., 75c

W. W. RAWSON & CO. 5 UNION STREET, BOSTON, MASS.

Mention The Review when you write.

Bridgeman's Seed Warehouse
Established 1824. **RICKARDS BROS., Props.**

New Crop Flower Seeds Just Arrived

37 East 19th Street, NEW YORK CITY

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.
Rose Growers WEST GROVE, PA.

Mention The Review when you write.

Wm. P. Craig
IMPORTER—EXPORTER
Plants, Bulbs and Seeds
1305 Filbert St.
Monogram Brand
Correspondence Solicited. **Philadelphia**

Mention The Review when you write.

DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON
Successors to L. K. Peacock, Inc. ATCO, N. J.

Mention The Review when you write.

WAYSIDE NOTES.

J. O'Connor plants ten-week stocks as soon as mums are cleared off in his place at Providence, R. I. Two new houses are planted to Enchantress, Queen Louise, Lady Bountiful, Cardinal and Nelson carnations. Richmond is the only red rose grown. Violets are scarce. The funeral of the late mayor called for large numbers. Twenty thousand were used to line the grave. Some big orders for wedding decorations are to be filled this week.

M. Sweeney, of Providence, reports business satisfactory, and Johnny Wood can hardly find time to talk. He has the contract to decorate the new seed store, which is one of the handsomest in the east.

T. Barclay, of Pawtucket, R. I., intends giving up cut flowers and substituting green stuff. The houses are well adapted for this purpose, and, as the demand is always in excess of the supply, he doubtless is doing the correct thing.

William Hoffman, of Pawtucket, has given up the decorating branch of his business, finding it more profitable to utilize the space for flowering stock. He has a neat and attractive place.

T. J. Johnson says the sale of plants is on the increase in Pawtucket. He has orders booked for 500 Begonia Gloire de Lorraine alone. Some of the choicest stock of S. J. Reuter finds its way here.

E. W. Clark, of New London, Conn., who for many years managed the John Spalding place, has built an up-to-date plant in the uptown section of the city and reports excellent business. Funeral work at this time comes high when flowers are scarce.

At the store of S. J. Reuter, New London, I found the artists all busy. The neat decorations, as here seen, are full of suggestion. W. M.

The Metairie Ridge Nursery Co., Ltd. NEW ORLEANS, LA.

Growers of

CHOICE CUT FLOWERS

Roses, Carnations, Orchids, Etc.

We are fully prepared to fill orders for shipping by steamers and express all through the Southern States.

Mention The Review when you write.

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. PROVIDENCE, R. I.

Mention The Review when you write.

10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in., $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4-in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

CASH PLEASE.

BENJ. CONNELL, West Grove, Pa.

Mention The Review when you write.

Finest Stock

of **Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States.** Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

Mention The Review when you write.

GERANIUMS

We have a very large stock of young Geranium plants in 2-in. pots, which will make fine stock for spring sales. These have been grown cool and are nice, stocky plants. If you are short of your requirements, it will pay you to stock up now. **MARVEL,** the best dark red; **MME. CASTELLANE,** fine cherry red; **JEAN VIAUD,** best bright pink; $2.50 per 100; $20.00 per 1000.

Our Stock of Carnations

embraces all the leading varieties and we will have fine strong cuttings to offer through the season. Our new list will be out early in January. If in want, let us hear from you.

POCAHONTAS, our new crimson for 1907, $12.00 per 100; $100.00 per 1000.

A. F. J. Baur **BAUR & SMITH** F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
W. Perfection	$6.00	$50.00	Flamingo	$2.00	$15.00
L. Bountiful	3.00	25.00	Crane	2.00	15.00
Vesper	2.00	18.00	P. Lawson	1.50	12.50
B. Market	1.50	12.50	Joost	1.00	9.00
Flora Hill	1.00	9.00	Eclipse	2.50	
Fred Burki	2.50		Enchantress	2.00	15.00
Cardinal	4.00	35.00	Prosperity	1.75	12.50
Estelle	2.00	15.00	Aureola	2.50	20.00

CHAS. DAUERNHEIM, Jr., Kimmswick, Mo.

Mention The Review when you write.

Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

Mention The Review when you write.

Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses. Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Mention The Review when you write.

Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

ROSES and CARNATIONS

FANCY FERNS and GALAX—High-Grade Stock

Orders filled satisfactorily.

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Prop.

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Buffalo, Dec. 26.

	Per doz.
Beauties, Specials	$12.00
" Fancy	10.00
" Extra	7.00
" First	6.00
	Per 100
Brides and Maids, Extra	$18.00 to $20.00
" " No. 1	12.00 to 18.00
" " No. 2	4.00 to 8.00
Liberty	10.00 to 25.00
Golden Gate	8.00 to 15.00
Kaiserin	6.00 to 15.00
Perle	8.00 to 15.00
Carnations	3.00 to 10.00
Chrysanthemums	8.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	2.00 to 3.00
Stevia	1.00 to 1.50

Milwaukee, Dec. 26.

	Per 100
Beauties, Medium	$25.00 to $50.00
" Shorts	12.50 to 18.00
Bride and Bridesmaid	6.00 to 18.00
Golden Gate, Chatenay	6.00 to 18.00
Liberty	8.00 to 18.00
Richmond	8.00 to 18.00
Perle	6.00 to 18.00
Carnations	5.00 to 8.00
Valley	3.00 to 4.00
Stevia	1.50
Violets	2.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	18.00
Adiantum	1.00 to 1.50
Poinsettias, doz., $2.00-$4.00	
Paper Whites, Romans	3.00 to 4.00
Callas	18.00

Cleveland, Dec. 26.

	Per doz.
Beauties, Specials	$12.00
" Extra	10.00
" Select	8.00
" No. 1	5.00
" Shorts	3.00
	Per 100
Kaiserins	$ 5.00 to $10.00
Brides and Bridesmaids	8.00 to 15.00
Carnations	4.00 to 8.00
Chrysanthemums, doz., 75c-$2.00	
Violets	1.50 to 2.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

White Lilacs

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

EDWARD REID Holiday Flowers

WHOLESALE FLORIST

1526 Ranstead St., PHILADELPHIA

All the Leading Varieties.
My stock and service are too well known to exploit.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.

222 Oliver Avenue, PITTSBURG, PA.

Rhinebeck Violets, Fancy Roses, Fancy Carnations

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 26.

	Per doz.
Beauties, Specials	$12.00 to $15.00
" Extra	9.00 to 10.00
" Medium	6.00 to 7.50
" Short	3.00 to 5.00
	Per 100
Brides and Bridesmaids, Fancy	$25.00 to $30.00
" " Select	15.00 to 20.00
" " Ordinary	6.00 to 12.00
Richmond, Liberty, Fancy	50.00 to 75.00
" Select	25.00 to 35.00
" Ordinary	6.00 to 20.00
Killarney, Chatenay, Fancy	25.00 to 30.00
" " Select	15.00 to 20.00
" " Ordinary	6.00 to 12.00
Golden Gate, Select	15.00 to 30.00
" " Ordinary	6.00 to 12.00
Carnations, Fancy	12.50 to 15.00
" Select	8.00 to 10.00
" Ordinary	4.00 to 6.00
Harrisii Lilies, doz., $2.00	
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch..50c-75c	
" Sprengeri, bunch...50c	
Smilax	12.50 to 15.00
Valley	3.00 to 8.00
Cattleya Trianæ	75.00
Cypripediums	15.00
Callas	12.50 to 15.00
Violets Single	.75 to 1.00
" Double	1.00 to 2.00
" White	2.00
Chrysanthemums—doz., $2.00-$3.00	
Gardenias, doz., $9.00	
Bouvardia	6.00 to 8.00
Pansies	1.00 to 1.50
Snapdragon	6.00
Sweet Peas	1.50 to 2.00
Daisies, White and Yellow	1.50 to 2.00
Stevia	1.00
Roman Hyacinths	2.00 to 4.00
Paper White Narcissus	3.00 to 4.00
Poinsettias, Fancy	35.00 to 60.00
" Ordinary	15.00 to 25.00
Mignonette, Fancy	8.00
" Ordinary	4.00

THE REVIEW is like autumn foliage; it grows brighter with age.—W. A. Butler, East Penfield, N. Y.

I COULD not get along without the REVIEW, as it puts us in touch with those who want to buy, or with those who have stock to sell.—J. H. HUFFORD, Perrysburg, O.

W. E. McKISSICK, Wholesale Florist

1221 FILBERT STREET, PHILADELPHIA

Bouvardias, Sweet Peas and Lilies.

Mention The Review when you write.

EUGENE BERNHEIMER
WHOLESALE FLORIST
11 SOUTH 16TH STREET, PHILADELPHIA, PA.

Choice Flowers, Leucothoe Sprays, Selected Galax, $7.50 per case.

Mention The Review when you write.

VIOLETS ASPARAGUS POINSETTIAS

BERGER BROS., Wholesale Florists, 1237 Filbert St. **Philadelphia**

Mention The Review when you write.

A Good Opening

For an Asparagus Plumosus Grower.

WILLIAM J. MOORE, Wholesale Florist
1237 Filbert St., Philadelphia

Mention The Review when you write.

PANDANUS VEITCHII

In all sizes, from $1.00 to $3.50 each.

FINE STOCK.

J. W. YOUNG,
GERMANTOWN, PHILADELPHIA, PA.

Mention The Review when you write.

WILLIAM J. BAKER

CARNATIONS, PAPER WHITES AND SMILAX.

WHOLESALE FLORIST

1432 So. Penn Square, PHILADELPHIA, PA.

Mention The Review when you write.

The PHILADELPHIA CUT FLOWER CO.

WHOLESALE FLORISTS

Store opens 7 a. m., closes 8 p. m.

1516 and 1518 Sansom Street, PHILADELPHIA

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ARE A GREAT CONVENIENCE is the verdict of the buyers.

"It is so easy to find what you want."

Charles Millang

50 W. 29th St. New York

We are HEADQUARTERS FOR EVERY KIND of Cut Flowers in THEIR SEASON

OUT-OF-TOWN FLORISTS promptly attended to. Telephone for what you want.

Reasonable Prices, Square Dealing. Tel. 3860, 3861 Madison Square.

FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

44 W. 28th Street, NEW YORK

Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

THOMAS YOUNG

Wholesale Florist

43 West 28th St., NEW YORK

Receiver and Shipper of Cut Flowers. Consignments Solicited.

HEADQUARTERS FOR NOVELTIES

ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

JAMES McMANUS, Tel. 759 Mad. Sq. 42 W. 28th St., New York

WHOLESALE COMMISSION DEALER.

CUT FLOWERS

Consignments Solicited

Tel. 167 Madison Square.

ESTABLISHED 1887.

J. K. ALLEN,

Room for a few more first-class growers of American Beauties Violets and Carnations.

Roses, Violets, Carnations, Cattleyas, Cyps., Narcissus.

Open 6 a. m.

106 W. 28th St., NEW YORK

GEO. SALTFORD

WHOLESALE FLORIST

46 W. 29th St., NEW YORK CITY

Telephone No. 3393 Madison Square.

CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

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BONNOT BROS.

WHOLESALE FLORISTS

55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK

OPEN ALL DAY

An Unexcelled Outlet for CONSIGNED FLOWERS

Telephone No. 830 Madison Sq.

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51 W. 28th Street, NEW YORK

Telephones—4463-4464 MADISON.

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WALTER F. SHERIDAN

Wholesale Commission Dealer in

CUT FLOWERS

39 W. 28th St., NEW YORK

(Established 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

Mention The Review when you write.

Reed & Keller

122 W. 25th St., New York

FLORISTS' SUPPLIES

We manufacture all our METAL DESIGNS, BASKETS, WIRE WORK and NOVELTIES and are dealers in Glassware, Decorative Greens and all Florists' requisites.

Mention The Review when you write.

The Limprecht Florist Supply Co.

119 W. 30th Street, NEW YORK

Telephone, 1438 Madison Square.

General Florists' Supplies and All Kinds of Greens for Decorating Purposes.

Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Dec. 24.

	Per 100
Beauties, Specials	$100.00 to $150.00
" Fancy	75.00 to 100.00
" Extra	60.00 to 75.00
" No. 1	25.00 to 50.00
" No. 2	15.00 to 25.00
" Shorts	6.00 to 12.00
Brides and Maids, Special	20.00 to 30.00
" " Extra	12.00 to 20.00
" " No. 1	8.00 to 10.00
" " No. 2	3.00 to 6.00
Golden Gate, Chatenay	5.00 to 30.00
Killarney	5.00 to 30.00
Richmond	5.00 to 30.00
Orchids, Cattleyas	60.00 to 100.00
Cypripediums	12.00 to 15.00
Gardenias	50.00 to 100.00
Carnations, Common	2.00 to 4.00
" Selects	4.00 to 8.00
" Fancies and novelties	10.00 to 25.00
Chrysanthemums	10.00 to 40.00
Violets	.75 to 1.50
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	10.00 to 20.00
Lily of the Valley	2.00 to 6.00
Smilax	8.00 to 12.00
Paper Whites	1.50 to 3.00
Callas	10.00 to 15.00
Hyacinths	2.00 to 2.50

WE consider the REVIEW the best publication in its line.—W. T. STEPHENS & Co., Brookfield, Mo.

WE want to thank you for the benefit received from our small advertisement in the REVIEW. It brought results all right; inquiries and orders from all over the country. We are filling one order now from New Orleans.—S. HUTH, Cuyahoga Falls, O.

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Telephone, 3864 Madison Square.

Violets Roses and Carnations

Mention The Review when you write.

Gunther Bros.

30 West 29th Street,

Phone, 551 Madison Square, NEW YORK

Violets, Roses, Carnations, Orchids.

Established 1888.

GROWERS—Important—Special advantages for you this season. Write or see us.

Mention The Review when you write.

ESTABLISHED 1872

PERKINS & SCHUMANN

Wholesale Commission Florists

57 West 26th Street, Cor. 6th Ave. NEW YORK

Tel. No. 1009 Madison Square

Headquarters now in the Coogan Bldg.

in close touch with the market.

Best Facilities and Accommodations

for growers in the city.

Orchids, mums, asparagus, smilax; all kinds of cut flowers in their season. On the ground floor; convenient for our customers.

Mention The Review when you write.

FORD BROS.

48 W. 28th Street, NEW YORK

Telephones, 3870-3871 Madison Square

The Largest Shippers and Receivers of Fresh Cut Flowers

☞A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

C. BONNET G. H. BLAKE

BONNET & BLAKE

Wholesale Florists

106 Livingston St., BROOKLYN, N. Y.

Telephone 4638 Main.

Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

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1871 James Hart 1906

(The Original Pioneer House)

Commission Dealer in CUT FLOWERS

103 West 28th St., near 6th Ave.,

Telephone 626 Madison Square, NEW YORK.

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

Mention The Review when you write.

WM. STARKE

Wholesale Florist and Plantsman

Tel. No. 4582 Madison Sq. 52 W. 29th St.

Between Broadway and 6th Ave., New York

SHIPMENTS OF PLANTS made to any part of the country. A trial order solicited.

SATISFACTION GUARANTEED.

Mention The Review when you write.

"THE RELIABLE HOUSE"
110 W. 28th St. Telephones: 324-325 Mad. Sq. NEW YORK CITY
Roses, Carnations, Valley, Orchids, Gardenias, Violets and Every Variety of Cut Flowers.
Richmond Roses—Out-of-town shipments. Write or telegraph for them.
JOSEPH S. FENRICH

Moore, Hentz & Nash
Wholesale Florists
55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION
Telephone, 756 Madison Square

Alexander J. Guttman
THE WHOLESALE FLORIST OF NEW YORK
43 WEST 28th STREET
PHONES, 1664-1665 MADISON SQUARE
ENOUGH SAID

H. E. FROMENT
Wholesale Commission Florist (Successor to W. Ghormley)
Receiver and Shipper of All Varieties of Cut Flowers
Telephones, 2200 and 2201 Madison Square. 57 West 28th St., NEW YORK.

George Cotsonas & Co.
Wholesale and Retail Dealers in all kinds of
Ever-greens
FANCY and DAGGER FERNS.
GALAX—Brown and Green.
50 West 28th St., NEW YORK CITY.
LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.
Telephone 1202 Madison.
Mention The Review when you write.

FRANK MILLANG
Cut Flower Exchange, Coogan Bldg.
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" 20-inch stems		6.00
" 15-inch stems		4.00
" 12-inch stems		3.00
" Short stems	1.50 to	2.00
	Per 100	
Bridesmaids, Specials	$12.00 to	$15.00
" Firsts	6.00 to	10.00
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" Firsts	6.00 to	10.00
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" Firsts	6.00 to	12.00
Liberty	6.00 to	20.00
Golden Gate, Firsts	10.00 to	12.00
" " Seconds	6.00 to	8.00
Killarney	8.00 to	25.00
Uncle John	6.00 to	15.00
Perle	6.00 to	12.00
Chatenay	6.00 to	20.00
Carnations, Select	4.00 to	5.00
" Fancy	6.00 to	8.00
Violets, double	1.50 to	2.00
" single	1.25 to	1.50
Chrysanthemums, fancy...doz., $3		
" medium, doz., $1.50-$2		
" small	6.00	10.00
Cattleyas..per doz., $9.00 to $12.00		
Dendrobium—		
Formosum....doz., $5.00 to $6.00		
Harrisii	15.00 to	18.00
Callas	15.00 to	18.00
Valley	3.00 to	5.00
Sweet Peas	1.00 to	1.50
Bouvardia	2.00 to	4.00
Paper Whites, Romans	3.00 to	4.00
Stevia	1.50 to	2.00
Mignonette	6.00 to	8.00
Asparagus, Strings	35.00 to	50.00
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" Sprengeri, " 25-35c		
Ferns.....per 1000, $1.50		.20
Galax.....per 1000, $1.00 to 1.50		.15
Adiantum Cuneatum		1.00
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" Seconds	4.00 to	6.00
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Philadelphia

PACIFIC COAST.

All southern California is rejoicing in the rains that have been so plentiful the last twenty days. The florists are complaining at the loss of some outdoor flowers but under-glass stock is fine.

Los Angeles, Cal.—Rudolph Fischer, of Great Neck, L. I., has bought five acres of land about twelve miles from Los Angeles and has built a house and planted about an acre of Freesia Purity. Mr. Fischer's family already is living on the place and Mr. Fischer intends to join his people here in the spring.

The founder of the Woodburn Nurseries, Woodburn, Ore., was J. H. Settlemier, a pioneer of '49, having crossed the plains by ox team when a boy 9 years of age, and has lived in the Willamette valley ever since. He worked in the nursery of his father, afterwards going into business for himself at the present location in 1863, continuing until 1892, when his son, F. W. Settlemier, succeeded to the ownership.

It is stated that the demand for young peach trees for planting in the famous peach region adjacent to Yuba City, Cal., will be greater this year than in years gone by. In fact, the demand has spread into sections heretofore unknown to be good peach soils. The canneries are yearly increasing their output of fruit, and the demand for peaches is exceeding the output. It is understood that local nurseries are overwhelmed with orders for peach trees.

SAN FRANCISCO.

The Market.

We are in the midst of the holidays, and from present indications the season will be exceptional. Business, both in the stores and with the wholesale growers, has been good for the last month. The price and quality of all classes of stock has shown a steady advancement and the demands have, for the last two weeks, exceeded the supply. The weather is ideal at the present writing and gives every indication of remaining so for several days at least. Warm sunshiny days and cool nights have a tendency to bring crowds of people out of their homes and never has the season been any gayer.

Although we have only a third of our usual quota of stores, all the growers are busy with both local and shipping trade. There is no apparent scarcity of any one article at present, except violets, and we have not as yet had sufficient moisture to suit their demands. Valley, which has been scarce, is now in abundant supply and is bringing good prices.

Berries, mistletoe and huckelberry are being sold by the ton, and the general supply of all kinds of green goods does not exceed the demands.

In all the bay towns the same conditions seem to prevail, and I think it is safe to predict we will have a banner holiday trade. G.

WELL ROOTED CARNATION CUTTINGS

SPECIAL—Are you going to plant **Enchantress** heavily this season? We are prepared to supply an almost unlimited demand. 50,000 well rooted cuttings ready now at $1.60 per 100; $15.00 per 1000.

	Per 100	Per 1000
WHITE		
White Lawson	$2.00	$15.00
Gov. Wolcott	1.40	10.00
Flora Hill	1.40	10.00
Queen Louise	1.20	10.00
SCARLET—Estelle	1.60	15.00
G. H. Crane	1.40	10.00
America	1.40	10.00
Red Lawson	1.60	12.50
YELLOW—Eldorado	1.40	10.00
PINK—Hannah Hobart (novelty 1906, Sievers)	$7.50	$60.00
Mrs. Lawson	1.40	10.00
G. Lord	1.40	10.00
Argyle	1.20	
Mrs. Joost	1.20	10.00
CRIMSON—Harlowarden	1.40	12.50
Gov. Roosevelt	1.40	12.50
VARIEGATED Lawson	1.60	15.00
Prosperity	1.40	12.50
Gaiety	1.20	10.00

Ready to ship at once. Cash with special discount of 5 per cent or C. O. D. privilege examination. Money back guarantee. We pay return charges on all shipments arriving in an unsatisfactory condition if returned at once. Express charges paid by us on all orders. No disease of any description. Unrooted cuttings half price.
25 cuttings at 100 rate; 200 at 1000 rate.

LOOMIS FLORAL CO., LOCK BOX 153, Loomis, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.
American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.
Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.
Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $2.00 per 100.
Cyclamen Per. Giganteum, 2-in., $5.00 per 100.
The following from 2-inch at $2 00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).
Smilax, 2½-in., $2.00 per 100.
Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.
Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.
Champion Strain—After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.
Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

THE UNIVERSITY FARM.

E. J. Wickson has returned from a trip to Hanford, where he attended the annual growers' convention. A feature of this gathering was the reading of a paper by Prof. Wickson on the "Horticultural Uses of the University Farm." Without directly referring to the effort on the part of Fresno county people to have the main experiment station of the university located on the M. Theodore Kearney property near Fresno, and the abandonment of the Davisville horticultural grounds, Prof. Wickson made it clear that there was room for both farms and that the Fresno property would, in accordance with the wishes of the donor, be used for horticultural research and experiment.

He said that Mr. Kearney's gift of 5,400 acres of valuable land to the state stands for a declaration of his dying faith that whatever the state may provide and maintain for horticultural training and research there is ample opportunity and demand that much more shall be done by individual gift and bequest. He described at some length the farm purchased by the state near Davisville and also the Kearney property, both of which, he said, were admirably adapted to the uses to which they are to be put.

Continuing, he stated that this rich inheritance which comes to the state, must be taken as evidence of two things: First, the research work and the popular presentation of its results, by Prof. Hilgard and his staff during the last third of a century has convinced the people of California that the fullest knowledge of California conditions of climate, of soils and cultures must be had for intelligent and profitable pursuit of the industries which are based upon them. Second, that the equipment and facilities of the department for teaching the practical arts, in accordance with the scientific demonstration of local conditions, were pitiably meager and inadequate.

Hence arose the popular demand that the college should undertake instruction in California farm practice on much



Greenhouses of C. F. Ruef, Salem, Oregon.

500,000 ROOTED CARNATION CUTTINGS

For immediate shipment, with more coming.

Place your order NOW for January delivery.

HANNAH HOBART, BEST DARK PINK on the market; **JNO. H. SIEVERS & CO., 1906,**

January delivery, $7.50 per 100; $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....

	Per 100	Per 1000
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

200 cuttings or more at 1000 rate. 5 per cent off for cash or will ship C. O. D. if preferred.
Express charges prepaid by us on all cutting orders. SATISFACTION GUARANTEED.

What is the matter with California Carnation Cuttings?

WEST END, N. J., January 11, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — Accept thanks for generous treatment. Plants arrived yesterday in perfect condition and are the hardiest, healthiest grown carnation cuttings I have seen for years. You certainly know how to pack long distance shipments.

Yours very truly, W. G. EISELE.

LAFAYETTE, COLO., February 19, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Dear Sirs: — We wish to thank you for the fine lot of cuttings shipped us. They arrived in better shape and have taken hold better than any lot of cuttings we have ever received. * * * *

Very truly, CANNON FLORAL AND SEED CO.

MILLBRAE, CAL., November 28, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — The cuttings you shipped me were received some time ago. They were fine stock and arrived in excellent condition.

BAY SHORE NURSERY CO.
L. NELSON, Mgr.

STATE AGRICULTURAL COLLEGE.
CORNVALLIS, ORE., December 1, 1906.

LOOMIS CARNATION CO., Loomis, Cal.

Gentlemen: — Carnation cuttings came to hand in good order. I am pleased to receive such strong young stock. Not a faulty plant among the lot. * * * Yours very truly,

STATE AGRICULTURAL COLLEGE,
Per GEO. COOTE, Florist.

Loomis Carnation Co., Loomis, Cal.

CARNATIONS

250,000 healthy, well rooted Cuttings of choice and standard varieties, as follows: Hannah Hobart, Enchantress; Red, White, Pink and Variegated Lawson; Estelle, Mrs. Joost, G. H. Crane, America, Eldorado, Harlowarden, Gov. Wolcott, Queen Louise, Flora Hill, Governor Roosevelt, Richmond Gem, Genevieve Lord, Argyle and Gaiety. Write for price list, terms, etc to

THE HERMITAGE CARNATION CO., D. F. Roddan, Prop., LOOMIS, CAL.

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

broader lines than it has ever taken hitherto, and it should do this under actual conditions, on an easily accessible and widely representative horticultural farm; and should adopt such instruction to the needs and requirements of those who secure a livelihood directly from any branch of horticulture.

That the legislature from the popular demand, and Mr. Kearney from his own convictions, should place all this value in the hands of the College of Horticulture is a complete demonstration that the foundation laid by it in horticultural science was recognized as sound and enduring, and the men who had given their lives, hitherto, to the building of the foundations, could best direct the expansion on the practical side of instruction, so that the culture of the soil, known to be practicable under California conditions, should be faithfully and accurately taught. Thus the recent state law, indorsed by Mr. Kearney's magnificent gift, becomes an incontrovertible decision, that horticultural research and instruction shall be henceforth entrusted to that department of the University of California, in accordance with the organic act which brought this institution into existence forty years ago. G.

AT SALEM, ORE.

The illustration opposite is from a photograph of the new establishment of C. F. Ruef, at Salem, Ore. It consists of two houses, each 20x100 feet. The construction is modern in all its features. Heating by hot water is from a boilerhouse at the left, water supply being by the windmill and tank shown in the picture. One house is devoted to carnations, the other to mums, callas and greens.

CINCINNATI.

The Market.

Christmas business is now a thing of history for this year. As was expected, all kinds of stock was scarce and everything sold at a good figure. I should say that, in consequence of the scarcity, the average price of stock was higher than at any time for many years. About everything that came in had been ordered many times over and had to be divided pro rata. Roses were in better supply than carnations, but that is not saying much. Red roses were scarce and the available stock was not a drop in the bucket. Most orders for Liberty, Richmond or Beauty had to be turned down.

There were quite a few holdover mums, which helped out wonderfully and brought high prices. Poinsettias sold better. Narcissi, Romans, valley and stevia sold out clean. Violets were in heavy demand and the supply was not equal to it.

It is still too early to speak of the volume of business done, but there can be no doubt of its having been fully up to last year in dollars and cents, if not in volume of stock handled. And, after all, that is what counts. The weather is very cold at night, but it is clear and the sun shines most of the time.

Various Notes.

Fred Gear celebrated the holidays by erecting a large electric sign in front of his store, which can be seen for several blocks. Mr. Gear expects to make it a permanent fixture.

If you want to spend an enjoyable and profitable evening don't forget the next meeting of the Florists' Society, January 12, at 8 p. m. It is expected to be the banner meeting of the year.

C. J OMHER.

ZANESVILLE, O.—Junior Imlay, son of J. D. Imlay, has gone to Columbus to join a teacher from the Ohio State University. They will go to Guatemala, Central America, where they will remain until spring.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THE American gooseberry mildew is just now the subject of voluminous discussion in the British gardening papers.

THE Ben Davis apple crop this year may show a great improvement in quantity but the fruit is just as tasteless as ever.

IT is the general prediction that next spring's clean-up will be the closest since the production of nursery stock became so tremendous.

THE proposition of Wm. Smith, Geneva, N. Y., to endow Hobart College with a half a million for a women's annex, has been accepted.

NURSERYMEN in Germany make much complaint that the prices of fruit trees, as a result of overproduction, have fallen to an unprofitable level.

RICE BROS., of Geneva, N. Y., will grow nursery stock, seeds, etc. The capitalization is $35,000. The incorporators are: John F. Rice, Terrence W. Rice and O. J. C. Rose.

THE nurserymen of the West Chester, Pa., section are enjoying one of the longest seasons in the history of the business and are still busy planting trees and shrubbery about the country, the ground being in good condition for the work. As long as the weather remains partly open the work will go on.

D. L. Viets, of Warren, O., died December 20, at the state hospital at Masillon. He had been in failing health for more than a year past. Death was attributed to paresis. Mr. Viets's father was Alonzo Viets, who left Connecticut and settled at Fowler, O. The son was for a number of years engaged in the nursery business at Warren. He was a member of the Christian Church at that place and was an honored citizen. He leaves a widow, Mrs. Helen Viets, and four sons.

NEW NINNESOTA NURSERY.

The Blue Earth County Nursery Co. is an organization recently started at Mankato, Minn. Ole Andengaard is the president and treasurer and M. L. Gjestrum manager. The company has leased sixty-two acres of land in East Mankato and will grow both fruit and ornamental stock.

Mr. Andengaard is one of the substantial men of Blue Earth county, who is a practical farmer. Mr. Gjestrum has made the nursery business his life work. He is a graduate of the agricultural college at Ames, Ia., and was for eleven years with the Sherman Nursery Co., at Charles City, Ia. There ought to be a good field at Mankato for a nursery, as several of the smaller towns of the state with not near the shipping facilities or territory that Mankato has have thriving nurseries.

VIOLATE PENNSYLVANIA LAW.

State Inspector Surface, at Harrisburg, has been working for months to ascertain the truth of some charges that infected nursery stock is being shipped into Pennsylvania, and has obtained evidence that will probably lead to some arrests under the law of 1905. The shipment of trees into Pennsylvania without fumigation and certificate is a flat violation of the law, and no railroad company can accept for shipment into Pennsylvania trees which have not the certificate of fumigation. In the face of this, it is said at the capitol that the officers of the division have obtained positive evidence that trees have been shipped from nurseries in Ohio and New York into Pennsylvania without the process of fumigation. It is probable that the railroad companies will be prosecuted. The actions will be the first of the kind, and if it is decided to prosecute the shipment of non-certified trees will speedily cease.

SULPHUR.

Sulphur has been known from the earliest times, as it occurs in the free or native state in the neighborhood of extinct as well as active volcanoes. It was formerly termed brimstone, and was considered by the alchemists to be the principle of combustibility and believed by them to represent the alterability of metals by fire. The compounds of this element occur in nature in much larger quantities and are much more widely distributed than sulphur itself.

Until recently nearly all of the sulphur of commerce was derived from the volcanic district of the Island of Sicily, where it occurs in widespread masses, being imbedded in a matrix of marl, limestone, gypsum and celestine.

The sulphur occurs partly in transparent, yellow crystals termed virgin sulphur, and partly in opaque crystalline masses, to which the name of volcanic sulphur is given. Both of these varieties are separated from the matrix by a process of fusion. The general process used is as follows:

An excavation about ten meters in diameter and about two and a half meters in depth arranged with a slanting bottom so an opening can be made from the lowest portion, and the sulphur as it melts may flow out. These holes are built up with masses of gypsum and the inside covered with a coating of plaster of paris. The calcaroni, as these kilns are termed, are then filled with the sulphur ore, which is built up on top in the form of a cone. The whole heap is then coated over with powdered ore, and this again covered with a layer of burnt-out ore, after which the sulphur is lighted at the bottom. By permitting the heat to penetrate very slowly into the mass the sulphur is gradually melted, and, running away by the opening at the bottom, it is caught in molds. This is the ordinary brimstone of commerce.

The sulphur obtained by liquation from the calcaroni (brimstone) is not sufficiently pure for all purposes and has to be submitted to a process of refining; this is termed subliming, and consists in converting the sulphur into a vapor, which is reconverted into solid sulphur in a condensing chamber. This process may be briefly described as follows:

The sulphur is placed in a retort under which a fire is built. When the retort becomes sufficiently heated the sulphur begins to pass as vapor into the condensing chamber. The vapor, immediately on coming into contact with the cold chamber, is chilled and falls as a minutely divided solid. These flowers, as they are called, adhering to the walls and top and bottom of the chamber, are removed before the chamber gets hot, which is the case after a few days' working, as the heat which the sulphur has taken up in order to become vaporized is given out to the walls of the chamber, which thus acquire so high a temperature as to fuse or melt sulphur, so that it can no longer become solid on the walls or the chamber, but condenses on the walls in a liquid form and runs to the bottom, where it collects. This distilled sulphur is run out through an opening into molds and is called stick or roll sulphur. The stick or roll sulphur is then ground into a very fine powder, which is termed flour sulphur.

From the above brief description it will be seen that the grade of sulphur known in the trade as flowers is formed by sublimation and condensation in the form of minute particles before the walls of the chamber become greatly heated, and that the flour sulphur is secured by grinding the stick or roll brimstone, which is formed by the sulphur fumes being fused by the heated walls of the chamber.

In the process of subliming sulphur

A SNAP!

Hydrangeas for Easter

To close out quick, we offer a fine lot of stocky plants of **THOS. HOGG,** best white in 6 inch pots with 4 flowering crowns, at $6.00 per 100; 500 for $27.50. With 5—6 flowering crowns, at $8 50 per 100; 500 for $40.00. Big value while they last. Order today.

Jackson & Perkins Co.
NEWARK, NEW YORK

Mention The Review when you write.

Boxwood Exhausted, no more to offer until spring importations arrive.

MANETTI for delivery January 1 — 3-16 to ¼ inch.....$10.00 per 1000; ⅛ to 3-16 inch..... 7.50 per 1000

10,000 HYDRANGEA P. G. in cellar. What size do you want?

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

Hedge Plants

W. & T. SMITH COMPANY
GENEVA. N. Y.
Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.

61 Years. Send for our Wholesale Price List. 600 Acres.

the impurities do not volatilize but are left behind in the retort, and thus the sublimated sulphur is entirely free from the insoluble impurities which are contained in the ordinary brimstone ores of commerce.

Some diversity of opinion prevails among entomologists and practical orchardists as to the comparative value of the flowers of sulphur and flour sulphur for spraying purposes. From a chemical standpoint, however, both grades are pure, the only difference being that the flowers of sulphur is slightly more acid than the flour. Owing to the fact, however that the yield of the flowers of sulphur is much smaller than the flour sulphur its cost is considerably higher.

G. R. CUSHMAN.

PLEIONE YUNNANENSIS.

This very pretty little orchid, belonging to a group known popularly as Indian crocuses, was first found in Yunnan, in 1895, at from 6,000 to 7,000 feet elevation. Somewhat later, and at a lower elevation, Dr. Henry also found it, but though known to science, the plant was not seen in cultivation until Sutton & Sons, of Reading, received examples from a Chinese correspondent, says the Gardeners' Magazine. These plants in flower were exhibited before the Royal Horticultural Society at the February meeting of the present year, when they excited considerable interest among orchid lovers. Apparently the species is not difficult to cultivate, and as it carries its flowers on a scape six inches high, it differs from most of the species in general cultivation. Each flower is about three inches across and has bright rose-purple sepals and petals, and a large, rounded, fringed lip that is also rosy-purple with dots and small blotches of chocolate-red; the keels are toothed, and very pale purple.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.
Wholesale price list on application.
We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., **Chicago**

Mention The Review when you write.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet....$10.00 per 100
" " strong, No. 2. 6.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

The Two Best Evergreen Trees

are Colorado Blue Spruce (Picea pungens glauca)

and Berckman's Golden Arbor-Vitae (Biota aurea nana)

Both are not only beautiful in habit, extremely rich in color but both are also of iron clad hardiness—being among the few Evergreens that will endure salt air and succeed near the coast.

		Per 10	Per 100
ABIES PUNGENS GLAUCA,	2-2½ ft	$15.00	$125.00
" " "	2½-3 ft	20.00	150 00
" " "	3-3½ ft	25.00	200.00
" " "	3½-4 ft	30.00	250.00
ABIES PUNGENS, green foliage,	2½-3 ft	3.00	25.00
" " "	3-3½ ft	4.00	35.00
" " "	3½-4 ft	5.00	40.00
" " "	4-5 ft, specimens	10.00	
" " "	5-6 ft., "	15.00	
BIOTA AUREA NANA,	10-12 in	2.00	15 00
" " "	12-15 in., compact	2.50	25.00
" " "	15-18 in., "	3.50	30.00
" " "	18-20 in., "	5.00	40.00
" " "	20-24 in., "	6.00	50.00

Packed free for cash with order.

J. T. LOVETT, LITTLE SILVER, N. J.

Mention The Review when you write.

MANETTI STOCKS

Especially for Florists' Use. BEST FRENCH GROWN.

Grafting size, 3 to 5 m-m., per 1000.....$7.00; per 10,000.....$65.00.
First size, 5 to 10 m-m., per 1000..... 9.00; per 10,000..... 80.00.

Newark prices. **DUTY PAID.** For prompt delivery order NOW and avoid disappointment.

ROSES, two years, field-grown, well-rooted.

DOROTHY PERKINS.....per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00

Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

Mention The Review when you write.

SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Manetti

STOCKS, $9.00 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand.,
Honeysuckles and other Shrubbery.

AT A BARGAIN
Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

Not a bloomin' thing but roses to offer you,

101 best sorts. Own roots. 2½ and 4-in.
Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Field-Grown ROSES

1½ to 4 ft. high, 90 varieties, $8.00 per 100.

CRIMSON RAMBLER

1 and 2 years, 1½ to 4 ft., $3.00 to $5.00 per 100.

WM. K. NELSON, Augusta, Ga.

Always Mention the....
Florists' Review
When Writing Advertisers.

CARNATIONS—Rooted Cuttings

RED CHIEF—The scarlet for every grower. Has a bright even color, a fine habit, perfectly clean and healthy and leads in productiveness. A Christmas scarlet in every respect.

BONNIE MAID—Edged white and shaded to a pink center. A pleasing and attractive flower. Early and very free.

ARISTOCRAT—Bright cerise pink.

WINSOR—Clear silvery pink.

POCAHONTAS—Bright crimson.

The above 5 varieties, $12.00 per 100; $100.00 per 1000.

WHITE PERFECTION—Always white, $6.00 per 100; $50.00 per 1000.

ROSE-PINK ENCHANTRESS—The true clear rose pink, $7.00 per 100; $60.00 per 1000.

VICTORY and **ROBT. CRAIG**—Scarlet, $6.00 per 100; $50.00 per 1000.

PINK PATTEN, pink; **CANDACE**, pink; **GLENDALE**, variegated; $5.00 per 100; $40.00 per 1000.

LADY BOUNTIFUL, white; **ENCHANTRESS**, light pink, $3.00 per 100; $25.00 per 1000.

Selected, well rooted cuttings is what we offer. Send for complete price list.

F. DORNER & SONS CO., LAFAYETTE, IND.

Mention The Review when you write.

PROVIDENCE, R. I.

John Macrae will adopt the plan, as soon as mums are out of the way, of using the soil for bulbous stock. The benches when emptied are filled with Easter lilies. Mr. Macrae's seedling mum, Golden Dome, a sport of Yellow Eaton, is promising and highly thought of in the market. It will be distributed jointly next year by the E. G. Hill Co. and the introducer.

F. Macrae's Sons grow carnations as their principal crop and have large cuts in sight.

The new seed store of Rennie & Thompson is a dandy. It is thoroughly up to date in every way and capable of accommodating a big business.

W. S. Pino has the business formerly conducted by Rennie & Pino and has made preparations for an even larger business than heretofore.

George Johnson & Son report an increasing demand for shrubbing. They do a large amount of landscape work. Abe Johnson is superintendent of one of the largest cemeteries and finds that it helps business. W. M.

TRITOMAS.

Can tritomas be kept safely through the winter in a moderately moist cellar with an average temperature of 45 to 50 degrees without any covering over the roots, or should they be covered with moist sand? J. L. D.

Yes, the condition described will suit tritomas first rate through the winter. Even if it were a little lower in temperature it would not hurt, only cover the roots as high as the earth came when they were growing outdoors. The tritoma is almost a hardy plant in our northern states. W. S.

WOODBRIDGE, FLA.—Every one here is busy packing the orange crop and vegetables. There is not much to do in the florists' business in consequence.

SKANEATELES, N. Y.—J. G. White has about 3,800 feet of glass and is building a house 14x75, also a workshed fifty-five feet long. He uses the King construction and intends in the near future to add another house 22x65.

ABUNDANCE

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices—$5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER
Great Neck, L. I., N. Y.

ORDERS BOOKED NOW FOR
Rooted Cuttings of Carnations

	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00

January, 1907, delivery.

W. B. GIRVIN, -- - Leola, Pa.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa.**

Mention The Review when you write.

CARNATIONS, Strong, healthy, rooted cuttings

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$20.00
Cardinal	30.00	Mrs. Lawson	15 00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

HENRY BAER, R. F. D. 3, Peoria, Ill.

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ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig (best red), Nelson Fisher (best dark pink), M. A. Patten, Lady Bountiful, Queen. Orders taken now will be ready for Jan., 1907, delivery. Write for prices.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

A SAFE INVESTMENT
CARNATION HELEN GODDARD

Is filling all the claims of its introducers. A money-maker for all who plant it. Our stock is in excellent condition and only strictly A-1 cuttings will be sent out. Rooted cuttings ready Jan. 1, **$50.00 per 1000.**

Write for prices on other standard sorts.

GEORGE E. BUXTON, NASHUA, N. H.

Mention The Review when you write.

.....THE.....
Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY
824 No. 24th St., PHILADELPHIA, PA.

Mention The Review when you write.

Orders now booked for rooted cuttings of
CARNATION
HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

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ROOTED
Carnation Cuttings

Leading varieties. Write for prices

WM. WINTER, KIRKWOOD, MO.

Mention The Review when you write.

Forcing Stock of Excellent Quality.



RHODODENDRONS. Leading varieties, suitable for forcing, such as Caractacus, Everestianum, Hendersoni, Kate Waterer, Michael Waterer, Mme. Wagner, Mme. Carvalho, Mrs. Fitzgerald, Prince Camille de Rohan, William Austin, etc. Finely shaped plants with 12 buds and upwards, $1.00 each; $11.00 per doz.; $90.00 per 100.

AZALEA MOLLIS. Elegant bushy plants, 15 in. high, well set with buds, fine for early forcing, $4.50 per doz.; $35.00 per 100.

LILACS, pot-grown, Chas. X. and Marie Legraye. Good shaped plants well set with buds, $6.00 per doz.; $45.00 per 100.

INDIAN AZALEAS. To close out we are still offering at import prices a full assortment of standard varieties—

10 to 12-in. crowns,	$4.50	per doz.;	$35.00	per 100.
12 to 14-in.	"	6.00	"	45.00	"
14 to 16-in.	"	7.00	"	55.00	"

Larger sizes at $1.00, $2.00, $2.50 and $3.00 each.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

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2½-in. **Asparagus Plumosus**.....$3.00 per 100
3-in. **Asparagus Sprengeri**..... 4.00 per 100
2-in. **Hibiscus,** in variety..... 2.50 per 100
2-in. **Flowering Begonias**..... 2.50 per 100
2-in. **Boston Ferns**..... 3.00 per 100
2-in. **Tarrytown Ferns**..... 5.00 per 100
2-in. **Scottii Ferns**..... 4.00 per 100
3-in. " " ..... 6.00 per 100
4-in. " " .....10.00 per 100

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

GOVERNOR HERRICK

The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

Fine Stock } 4-inch, $5.00 per doz.
all in bloom } 3-inch, 3.00 per doz.

Boston Ferns, } 8-inch pans..$1.50 each; $15.00 per doz.
} 6-inch pans.. .50 each.

A. JABLONSKY, Wellston, St. Louis, Mo.

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Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

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Always mention the Florists' Review when writing advertisers.

FERNS

		Per doz.	100	1000
Boston Ferns,	2½-in.		$3.00	$25.00
" "	3-in.		6.00	
" "	4-in.	$1.50	10.00	
" "	5-in.	2.25	15.00	
Piersoni, strong runners,	2½-in.		3.00	25.00
" " "	4-in.	1.50	10.00	
" " "	5-in.	2.25	15.00	
Scottii, " "	2½-in.		3.00	25.00
Elegantissima,	2½-inch		4.00	35.00
"	3-in.		7.00	
"	4-in.	1.50	10.00	
"	5-in.	2.25	15.00	
Whitmani,	3-in.		20 00	
Holly Ferns,	2½-in.		3.00	
Carex Japonica,	2½-in.		2.50	
Begonias, assorted,	2½-in.		2.50	
Crotons, 4 sorts,	3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock..			3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants.....			2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

Mention The Review when you write.

LUDVIG MOSBAEK

ONARGA, ILL.

ASPARAGUS Pl. Nanus and **Sprengeri.** 2, 2½, 3 and 4-in., $2.00, $2.50, $5.00 and $8.00 per 100.

FERNS. Boston, Piersoni, Anna Foster, 2¼, 3 and 4-in., $3.00, $6.00 and $12.00 per 100; 6-in., $4.00; 8-in., $10.00; 10-in., $20.00 per doz. **Piersoni Elegantissima** and **Scottii.** fine runners, $40.00 per 1000; **Boston,** $20.00 per 1000.

150,000 Cannas, in 35 var. List mailed.

50,000 Hardy Perennials, field and pot-grown.

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Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

Mention The Review when you write.

FERNS

Bostons, from bench, ready for 4 and 5 inch pots, $10.00 and $15.00 per 100 respectively. **Bostons and Scottii,** 5 to 10-inch pans, 50c to $1.50 each.

Jerusalem Cherries, 12-inch pans, 7 plants to a pan, full of berries, 75c each. 3½-in pots, with berries and bloom on, $6.00 per 100.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Carnations

Norway—We still have about 800 nice field-grown plants. Just nice to follow mums. At present they are heeled in bench. $3.00 per 100 to close them out.

20,000 Rooted Cuttings, leading varieties now ready. Write for prices.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

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ST. LOUIS.

The Market.

While the last week was a busy one for the store men making preparations for Christmas, the cut flower business was quiet and stock of all kinds was scarce, as not much of anything was coming in at our commission houses.

Christmas trade was fully up to previous years. It is reported that the leading retailers booked more advance orders for plants and cut flowers than in any other year. Plant sales are reported large, both of blooming and other plants. Everything sold well in the plant line. Taking it altogether, the store men seem well pleased with their Christmas business.

Great quantities of ground pine, holly and laurel have been sold, many being early sold out of green, as this was scarce. Holly went begging at $2 per case and all of poor quality.

In cut stock, everything was scarce, as we had little sunshine this month. Prices on all kinds of stock were away up. There was a decided scarcity in roses, carnations and violets. The fancy grades in carnations brought up to $8 per hundred, with nothing under $4. Violets were up to $2 per hundred for fancy Californias.

The top price for choice roses was $15 to $20, with only a few in the market and only about half the orders filled. Romans, Paper Whites and valley were in good supply at hardly any advance in price.

Various Notes.

Frank Weber returned from Kansas City December 22, where he attended a meeting of nurserymen.

H. Stocke has taken the place vacated by H. H. Rieman with the Michel Plant & Bulb Co.

Fred C. Weber has had one of the prettiest windows of any of the west end florists; all red and very attractive.

Will Adles has left the employ of Mrs. M. M. Ayers.

C. Young & Sons Co. will again have the decorations for the big Imperial ball at the St. Louis Club hall. This event is one of the largest of the season with the society folks.

Among the uptown florists who have had pretty window decorations are the Ellison Floral Co., Kalisch & Son, Eggeling Floral Co. and F. H. Weber.

Riessen Floral Co., on South Broadway, is always in line with attractive window decorations. At this place all hands are busy.

The officers of the St. Louis Florists' Club will hold a meeting some time this week to talk over show matters and to arrange to complete the $10,000 guarantee fund not later than the February meeting.

J. J. B.

Pink Sport of Enchantress

Color, Rose Pink. Habit, identical with Enchantress. Pink Sport of Enchantress will make a very desirable addition to your list of Carnations.
Rooted Cuttings.....$6.00 per 100; $50.00 per 1000.

——Send orders to——

HOLTON & HUNKEL CO., Milwaukee, Wis.

Or to the Originator and Grower..... **E. H. Blameuser, Niles Center, Ill.**

Mention The Review when you write.

Rooted Cuttings--Roses

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Bride	$1.50	$12.50	Richmond	$1.50	$12.50	Perle	$2.50	$20.00
Maid	1.50	12.50	Carnot	2.50	20.00	Am. Beauties	3.00	25.00
Chatenay	1.50	12.50	Kaiserin	2.50	20.00			

CARNATIONS

Enchantress	$2 50 per 100	Bountiful	$2.50 per 100	Wolcott	$1.50 per 100
Lawson	1.50 per 100	Queen	1.50 per 100	Harlowarden	2.00 per 100

Our cuttings are all strong, healthy and well rooted. All cuttings are shipped from Hinsdale.

Bassett & Washburn, Office and Store 76 Wabash Ave. **Chicago**

GREENHOUSES, HINSDALE, ILL.

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FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $1.50 per 100.
Flowering Begonias, 8 kinds, 2-in., 2½c.
Rex Begonias, 3-in., 8c.
Geraniums, 2-in., strong, 5 best sorts, 2c.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens, Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c.

Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12 50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

Mention The Review when you write.

CARNATIONS---Rooted Cuttings

The Queen, of this variety my stock is extra selected, $2.50 per 100; $20.00 per 1000.

White Lawson	$2.00 per 100;	$15.00 per 1000	
Red Lawson	2.00	"	15.00	"
Vesper	2.50	"	20.00	"
Robert Craig	5.00	"	40.00	"

Cash with order.

E. H. BLAMEUSER, - Niles Center, Ill.

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CHRYSANTHEMUM NOVELTIES

Send for complete list.

CHAS. H. TOTTY, Madison, N. J.

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CHRYSANTHEMUM Stock Plants

MORTON F. PLANT, (Totty's new pink), $3.00 per doz.; $20.00 per 100.
JEANNE NONIN, (finest late white), $1.00 per doz; $8.00 per 100.

HENRY I. FAUST
MERION STATION, PA.

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Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. **Washington, D. C.**

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CYCLAMEN. In bud and bloom, 4-in. $10.00 per 100; 5-in., $15.00 per 100.
CINERARIES.....2¼-in., $2.00 per 100; 3-in., $3.00 per 100.

C. WHITTON, City Street, UTICA, N. Y.

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Fine Well-Grown Plants of

TARRYTOWN FERN

Nephrolepis Piersoni Elegantissima

We can offer fine selected specimens in all sizes, from medium sized plants in 6-inch pans up to immense elegant specimens in 10-inch pans, suiting all purses and all classes of trade. Order early and have the stock on hand where you can show it. You will find nothing more satisfactory or profitable. We can supply fine plants as follows: Fine plants. 6-in. pans, 75c and $1.00 each—according to size. Fine specimen plants, 8-in. pans, $1.50 and $2.00 each—according to size. Very fine specimen plants, 10-inch pans, $3.00 each; large specimens, 12-in. pans, $5.00 each; extra large specimens, 14-in. pans, $7.50 each; still larger specimens, 16-in. pans, $10.00 each.

Also young stock for growing on, $12.00 per 100.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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...Wholesale Trade List..

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
New Daisy Queen Alexandra, 2-in. pots, $3.00 per 100.
New Daisy Queen Alexandra, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 5-in. pots, 20c.
Boston Ferns, 6-in. pots, 25c.
Hydrangea Thos. Hogg, 10 to 12 flowering branches, $10.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
Smilax, 2½-in. pots, $2.00 per 100.
ROOTED CUTTINGS—Single and double Fuchsias, 4 varieties; dark blue heliotrope, $1.00 per 100. Coleus Verschaffeltii, Golden Bedder, Queen Victoria and other showy varieties; Salvia Bonfire, 75c per 100. Alternantheras, best brilliant red and yellow, 50c per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

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ROOTED CUTTINGS

Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100
Cash with order, please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

Cyclamen

2¼-inch.....$2.00 per 100
3-inch..... 5.00 per 100
4-inch..... 8.00 per 100
5-in., full bloom 15.00 per 100

Primula, Chinese and Obconica, 3-inch, $3.00 per 100; 4-inch, in full bloom, $5.00 per 100.

Asparagus Plumosus Nanus, 3½-in., $6.00 per 100.

SAMUEL WHITTON
15-16 GRAY AVE., UTICA, N. Y.

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CRAPE JESSAMINE.

(Gardenia Florida.)

Strong and stocky, 4 to 6-in., $2.00 per 100 $18.00 per 1000. Crape Myrtle, pink and purple, 1½ to 2 ft., field-grown, $5.00 per 100. California Privet, 10 to 15-in., 75c per 100; $6.00 per 1000; 15 to 20-in., $1.00 per 100; $9.00 per 1000. Well branched.

John Monkhouse, Caddo Nurseries, **Shreveport, La.**

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Always mention the Florists' Review when writing advertisers.

Our New Illustrated Descriptive

Geranium Catalogue

is one the most complete and handsomest that has ever been sent out. It contains descriptions of seventy-five of the best standard and newer sorts, and one hundred imported novelties from the best introductions in Europe. Sent free to the trade only. As we do a strictly wholesale business, please enclose business card.

R. VINCENT, Jr. & SON, White Marsh, Md.

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CYCLAMEN

From Seed Bed

75,000 Cyclamen Giganteum Persicum seedlings left, in 5 separate colors which we offer at the low price of $1.00 per 100; $8.00 per 1000; $75.00 per 10,000. STOP; don't think because we offer our seedlings cheap they are cheap quality, for the seed of this strain in small quantities sells at $5.00 per 1000 seeds.

Order at once from

D. U. Augspurger & Sons
Box 778, PEORIA, ILL.

Mention The Review when you write.

Verbena King

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.
Worlds of other rooted cuttings later on.
MUM stock plants, 75c per doz.; $5.00 per 100.

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

Chrysanthemum Stock Plants

Bonnaffon, Jones, Eaton (yellow and white), Appleton, Ivory, Golden Wedding, Maud Dean, Goldmine, Convention Hall, Polly Rose, Pacific, Amorita, A. Byron, Jeanne Nonin Dr. Enguehard, Guy Hamilton, $5.00 per 100. Orders booked for rooted cuttings at $12.50 per 1000.

Poinsettias, stock plants, $5.00 per 100.

10,000 FERNS, Very Strong

	Per Doz.	Per 100
Piersoni, 5-inch	$3.50	$25.00
" 4-inch		10.00
" 3-inch		5.00
Scottii, 5-inch	4.00	30.00
" 4-inch		15.00
" 3-inch		8.00
Boston, 5-inch	3.50	25.00
" 4-inch		10.00
" 3-inch		5.00

J. D. BRENNEMAN, Box 24, **HARRISBURG, PA.**

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BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Mention The Review when you write.

NEW ORLEANS.

At the last meeting of the New Orleans Horticulture Society little business was transacted, almost all the time being given to Prof. Wilmon Newel, of the State Experiment Station at Baton Rouge, who delivered an interesting lecture on "Insects Which Damage and Destroy Our Field Products in Louisiana." His flashlight introduction, demonstrating the modus operandi of these pests, was highly appreciated by the audience and different remedies to annihilate them were also given by the speaker.

Prof. Arthur H. Rosenfeld, of Radford, Va., read a paper on "The White Fly," a great enemy of the citrus plants of Louisiana.

C. W. Eichling recommended as a very satisfactory insecticide, after having tried many different ones, an oil, which is sold by the American Horticultural Distributing Co., of Martinsburg, W. Va.

E. G. Hill, of Richmond, Ind., was in town last week, coming to see New Orleans for the first time. M. M. L.

White Plains, N. Y.—J. H. Lauren & Co. intend to erect this winter three new iron-frame greenhouses of about 10,000 feet of glass at the corner of Central avenue and Tarrytown road. They expect to grow roses and carnations and general bedding stuff for the local trade. They will also ship to Philadelphia and New York city markets.

Washington, Pa.—Jos. H. Seaman & Co. got out a pretty little Christmas card, with a sprig of holly and gold-leaf bells stamped in one corner. It was used with all boxes sent out for Christmas, being tied on with narrow red and green ribbon. They also had a souvenir folder decorated with a wreath of holly enclosing an appropriate Christmas thought in verse.

AZALEAS

For New Year's

Two houses, 150x20 feet, in perfect condition, beautifully flowered, just right, 75c, $1.00, $1.25, $1.50, $2.00, $2.50, $3.00 each.

Araucaria Excelsa, 5½-in. to 6-in., $1.00; $1.25, 4 to 5 tiers; 7-in. pots, $1.50, $2.00 and $2.50; 8-in. pots, 3½ ft. tall, $3.00.

Asparagus Sprengeri, $5.00 per 100.

Begonia Gloire de Lorraine, $12.00 and $18.00 per doz. Also some larger plants.

Begonia Gloire de Lorraine, wire hanging baskets, $2.00, $3.00, $4.00 each, can be planted to order.

Superb Boxwood, just arrived, perfectly shaped.

Bushes for window boxes, 24 in. high. $1.00 to $1.50 a pair.

Pyramid Box, 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4.50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft., $8.00.

Cash or satisfactory New York references.

Boston Ferns 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair.

Dracaena Indivisa, 4-in. pots, $10.00 per 100; 5½-in. pots, $20.00 per 100.

Scottii Fern, 5½-in. pots, $5.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz.

N. Elegantissima, 5½-in. pots, $5.00 per doz.

N. Whitmani, 4½-in. pots, $6.00 per doz.

English Ivy, 4½-in. pots, $2.00 per doz.; $15.00 per 100, 3 to 4 ft. high.

Kentia Forsteriana, combinations 3 and 4 plants in 8-in. pots, $1.50 to $3.00; 10-in. pots, $6.00 each; 14-in. pots, $15.00 to $20.00 each. Single plants, 50c to $2.00 each.

Kentia Belmoreana and Forsteriana, all sizes, single and combinations, from $1.00 to $20.00 each. Give us a trial.

Livistona Sinensis, superior to Latania Borbonica, 7-in. pots, $12.00 per doz.

Pandanus Veitchii, 4-in., $3.00 doz.; 5-in., $4.50 doz.; 8-in., $2.50 each.

Rubbers, 6½-in., $9.00 per doz.; 10-in. pots, 3 in a pot, $2.00 to $2.50 each.

Cash or satisfactory New York references.

ANTON SCHULTHEIS,

19th St. and 4th Ave., - - - COLLEGE POINT, N. Y.

Mention The Review when you write.

Asparagus

Asparagus Plumosus, 3-inch, $6.00 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00.
Boston Ferns, 8-inch, $1.25 each.
Piersoni Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 50c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Viviand-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

POINSETTIAS

To close, 2½-in., $4.00 per 100.

Hydrangeas, 2½-in. ..... $3 00 per 100
" 4-in., pot-grown, $8.00 to 10.00 per 100
" 5-in., pot-grown ..... 20 00 per 100
Variegated Vincas, 2-in. ..... 2.50 per 100
Begonia Sandersoni, 2½-in. .. 3.00 per 100

Mum Stock Plants

C. Touset, Early White.....$1.00 per doz.
The following at $1.00 per doz.; $6.00 per 100: Pink, Glory Pacific, A. J. Balfour, Wm. Duckham, Viviand-Morel, Maud Dean. White, Alice Byron, Polly Rose, Ivory, White Jones. Yellow, Robt. Halliday, Col. Appleton, Mrs. Wm. Duckham, Yellow Jones.

CASH WITH ORDER.

S. N. PENTECOST

1790-1810 101st St., N. E., CLEVELAND, O.

Mention The Review when you write.

CHRYSANTHEMUM STOCK PLANTS

Cobbold, Helen Frick, Mrs. Shaw, Helen Bloodgood, Omega, Major Bonnaffon, Robinson, Kalb. These fine plants, 75c per doz.; $5.00 per 100.

CARNATION ROOTED CUTTINGS

For shipment during January, February and March: Lawson, Indianapolis, Harlowarden, Glacier, Peru, Governor Wolcott, $2.00 per 100; $15.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Belle and Burki, $3.50 per 100; $30.00 per 1000.

Reeds Lake Floral Co.

GRAND RAPIDS, MICH.

ORCHIDS

Importations 1907

Get rock-bottom prices on Cattleya Labiata, Trianae, Mossiae, Percivaliana Mossiae, Schroederae.

JULIUS ROEHRS CO.

Orchid Importers and Collectors,
Rutherford, N. J.

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The New Ceramic Chrysanthemum

Stock plants, 20c each, while they last. Also Bonnaffon, Chadwick, Jones and Nonin.

CHAL. PETERSON, East Liverpool, O.

Mention The Review when you write.

ORCHIDS For Spring Delivery

March, April and May, Vanda Coerulea and Dendrobium Wardianum Lowii. We quote prices per 100 plants. Cypripedium Callosum, we shall have one shipment of 5,000 plants. For June or July delivery, we shall have the rare Vanda Sanderiana and can quote prices per single plant or in quantity.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

Mention The Review when you write.

Chryanthemums

All Varieties to Suit Everybody.
See bargain offers in previous issues.
Send for preliminary list.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

DAISIES

Queen Alexandra, Etoile d'Or, 2½-inch, $2.50 per 100; 3-inch, $5.00 per 100.
FERNS—Elegantissima Barrowsii, 2½-in., $3.00 per 100; Scottii, 2½-inch, $2.50 per 100.

P. A. BAKER, Media, Pa.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

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Always Mention the FLORISTS' REVIEW When Writing Advertisers

Always mention the Florists' Review when writing advertisers.

WITTBOLD'S

Wholesale Price List

PALMS

Cocos, for dishes, 2½-inch, $2.00 per doz.
Cocos Bonetti, large specimens, $40.00 each.

	In.	Each	Doz.
Kentia Belmoreana	3		$2.00
" "	7	$2.50	30.00
Kentia Forsteriana	7	2 00	
" "	7	2.50	
" "	7	3.00	

Phoenix Canariensis, fine bushy plants, 10-in. pots, $2.50 to $3.00 each. Large specimens, $25.00 to $30.00 each.
Phoenix Canariensis, 2-in., $1.00 per doz.
Phoenix Reclinata, 3½-in., $2.00 per doz.; 4-in., $3.00 per dozen.
Latania Borbonica, 3-in., $1.50; 3½-in., $2.00; 4-in., $3.00; 5-in., $5.00; 7-in., $12.00 per doz.

FERNS

100,000 Assorted Ferns for fern dishes, leading varieties, $3.00 per 100: $25.00 per 1000.
Cibotium Schiedei, 5-in., $9.00; 6-in., $12.00; 8-in., $24.00 per doz.
Boston Ferns, 5-in. $3.00 per doz.
" " 6-in. 6.00 per doz.
" " 7-in. 9.00 per doz.
" " runners, $3.00 per 100.
" " large plants, up to $5.00 each.
Pteris Wimsetti, 3-inch, 75c per doz.
Pteris Argyraea, 3-inch, $1.00 per doz.

Miscellaneous Decorative Plants

	In.	Tiers.	Ea.	Doz.	100
Asparagus Plumosus Nanus	4			$1.25	
Asparagus Plumosus	2				$3.00
" "	3				6.00
Asparagus Scandens Deflexus	3			1.25	
Asparagus Sprengeri	2				3.00
" "	3				6.00
" "	4			1.25	
" "	5			2.00	

Aucuba Japonica, 3½-ft., fine plants, $1.50 each.
Bay Trees, standards, 6-ft; 2-ft. head, $15.00 per pair.
Box Trees, Pyramids, in tubs, 3-ft., $3.50 each.
" " " " " 4-ft., 5.00 each.
" " Bush form, fine specimens, in tubs, $5.00 each.
Box Trees, 12 to 18 inches high, $4.20 per doz.
Dracaena Fragrans, 5-inch pots, 50c each, $5.00 per doz.; 6-inch pots, 75c each, $9.00 per doz., 7-inch, $1.00 each.
Dracaena Terminalis, 3-in., finely covered, just the thing for planting of baskets, etc., $2.00 per doz.; 2-inch, $1.25 per doz.
Dracaena Indivisa, 2-in., $2.50 per 100.
" " 6-in., $6.00 per doz.
" " 7-in., $9.00 per doz.
Pandanus Utilis, 3-in., $1.50 per doz.; 4-in., $3.00 per doz.; 5-in., $5.00 per doz.
Rhododendrons, 50c and 75c each.

The Geo. Wittbold Co.

1657 Buckingham Pl., CHICAGO

Roses For Spring Blooming The Proper Sorts

Gen. Jacq., Magna Charta, Crimson Rambler, etc. Strong, 2-year field grown plants, suitable for 5-inch pots, 7c. Extra strong for 7 or 8 inch, 12c. Crimson Rambler XXX, 20c. Deutzia Gracilis and Lemoinei, strong, 10c. Large-flowered Clematis, finest sorts, 18c. Peonies, Phlox, etc.
Packed free for cash.
W. H. SALTER, Rochester, N. Y.

ROOTED CUTTINGS.

Begonia Vesuvius	$1.00 per 100.
Vinca (tips)	1.00 "
Alternantheras (red)	1.00 "
Salvia	1.00 "
Heliotrope	.60 "
Sweet Alyssum (double)	.60 "

F. P. SAWYER,
125 High Street, CLINTON, MASS.

Asparagus

Plumosus Nanus, 2-inch pots, per 100, $2.00.
Pansy Plants, large-flowering, $3.00 per 1000; 50c per 100.
Cannas, dry bulbs, 10 varieties, $3.00 per 100.
—CASH—
JOSEPH H. CUNNINGHAM, Delaware, Ohio

Always mention the Florists' Review when writing advertisers.

SURPLUS STOCK IN EXCELLENT CONDITION

New Year's, the time of balls and parties, is now on the program. What will you use to decorate the tables and homes of your customers with? Take my advice and use an **Araucaria Compacta Robusta** or **Glauca.** With the size and kind I grow, you will be surprised the effect it will have on the table. The plant is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old. 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.
Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.
Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

FERNS, all raised in pots and not on benches as follow:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Maiden-hair Ferns, 6-in., 35c to 40c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

Mention The Review when you write.

SPIRAEAS, AZALEAS, Rhododendrons, etc.

SPIRAEA NANA COMPACTA—Strong clumps in best condition, $4.00 per 100.

AZALEA INDICA—Mme. Vander Cruyssen, Prof. Wolters, Empress of India, Helen Thelemann, Simon Mardner, at import prices to close out.
12 to 14-in. crowns, $45.00 per 100. 14 to 16-in. crowns, $55.00 per 100.
16 to 18-in. crowns, $90.00 per 100.

AZALEA MOLLIS—Fine for forcing, bushy and full of buds.
12 to 15 in. high, $25.00 per 100. 15 to 18 in. high, $35.00 per 100.

RHODODENDRONS—Bushy perfect plants, brightest and best we ever had, full of flower buds. 18 to 20 in. high, $9.00 per doz. 20 to 24 in. high, $12.00 per doz

LATANIA BORBONICA—4-in. pots, short and bushy, $15.00 per 100.

KENTIA BELMOREANA—5-in., fine, $60.00 per 100.

The Storrs & Harrison Co.

PAINESVILLE, OHIO.

Mention The Review when you write.

NEW SINGLE GERANIUM

SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

Mention The Review when you write.

Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

Mention The Review when you write.

Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS
Rutherford, N. J.

Mention The Review when you write.

WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

Mention The Review when you write.

Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 466

ADIANTUMS.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6-in. pots, $12.00, $18.00 and $24.00 per doz. Julius Roehrs Co., Rutherford, N. J.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Pauline and Gurney, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera brilliantissima, original stock, finest red of all, 65c 100. A. nana, 60c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

ALYSSUM.

Double alyssum, rooted cuttings, 50c 100; $4.00 1000. H. Stabenow, Reading, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus, 2-in., $3.00 100; 3-in., $6.00 100. Plumosus nanus, 4-in., $1.25 doz. Sprengeri, 2-in., $3.00 100; 3-in., $6.00 100; 4-in., $1.25 doz.; 5-in., $2.00 doz. A. scandens deflexus, 3-in., $1.25 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
J. Sylvester, Florist, Oconto, Wis.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00. 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

You may be interested in what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advertisements in this week's issue, under the heading of cinerarias.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri, 3-in., strong plants, $3.50 per 100; out of 2-in. pots, $2.00 per 100.
Aug. Luther, R. F. D. 4, Bx. 117, Kansas City, Mo.

Asparagus plumosus nanus and Sprengeri, 2½-in., $3.50; 3-in., $5.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus plumosus, 2½-in., $3.00. Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 4-inch, $6.00 per 100. L. A. Spoden, 23rd & Parade Sts., Erie, Pa.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus plumosus nanus, 2-in., $2.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Asparagus plumosus nanus. See display adv.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

ASPIDISTRAS.

Aspidistras, green; 6 to 7-in., 6 to 12 leaves, 5c per leaf.
W. J. & M. S. Vesey, Fort Wayne, Ind.

AUCUBAS.

Aucuba japonica, 3½ ft., $1.50 each.
Wittbold Co., 1657 Buckingham Pl., Chicago.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azalea mollis and Indian azaleas. Sizes and prices are given in display adv.
H. A. Dreer, 714 Chestnut St., Phila.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

Azaleas, in bloom, 75c, $1.00, $1.25 and $1.50 each. Baur Floral Co., Erie, Pa.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

Bay trees and box trees, standards and pyramids.
Wittbold Co., 1657 Buckingham Pl., Chicago.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, in bloom, 6-in. pots, $1.00 each; 7-in. pots, $1.50 each.
Bentzen Floral Co., Grand Ave., St. Louis, Mo.

Begonia Gloire de Lorraine, 4-in., $5.00 doz.; 3-in., $3.00 doz. All in bloom.
A. Jablonsky, Wellston, Mo.

Flowering begonias, 2-in., 2½c. Rex, 3-in., 8c. Cash. Byer Bros., Chambersburg, Pa.

Rex begonias, rubra and manicata aurea, $4.00 100. Cash. E. B. Randolph, Delavan, Ill.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Begonia Sandersoni, 2½-in., $3.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers and Jerusalem cherries, strong, stocky plants, full of fruit and bloom, 5-in. pots, $8.00 100.
H. O. Hannah & Son, Sherman, Tex.

Jerusalem cherries, 12-in. pans, 75c each; 3½-in. pots, $6.00 100.
J. W. Dunford, Clayton, Mo.

Peppers, fine, 3-in., 10c.
Fuhlbruegge Bros., Winona, Minn.

BULBS.

Amaryllis Belladonna, small, $1.00 and $2.00; medium, $4.00; large (monster), $5.00 per 100. Amaryllis Aulica, large, $10.00. Amaryllis formosissima, large, $3.00; choice hybrid seedlings, large, $20.00 per 100.
Theodosia B. Shepherd Co., Ventura, Cal.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

White Roman hyacinths, a few cases, 13 to 15, $28.00 per 1000. Nothing better to be had.
J. L. O'Quinn & Co., Raleigh, N. C.

Just received Japan lilies, exceptionally fine bulbs. Prices are given in display adv.
Johnson Seed Co., 217 Market St., Phila.

Amaryllis Johnsoni, blooming bulbs, $7.00 per 100; extra size, $10.00 per 100.
C. W. Bakewell, Gretna, La.

Lilium giganteum, 7x9, $55.00 1000. L. multiflorum, 9x11, $9.00 100.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Importers and growers of high grade bulbs.
Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill

CANNAS.

Cannas, dry bulbs, 10 varieties, $3.00 100. Cash. Jos. H. Cunningham, Delaware, O.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

Carnation Imperial, the variegated seedling, and Pink Imperial, the pink seedling, my own origination. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000; 5% discount for cash. December, 1906, delivery.
John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., New York.

Carnations, A1 rooted cuttings. These prices for December and January delivery. Per 1000:

Enchantress	$20	B. Market	$15
Bountiful	25	Lawson	15
Cardinal	25	Harlowarden	15

100 at same rate. Cash with order.
Smith & Gannert, Geneva, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
Ench'tress	$2.50	$20	Estelle	$2.00	$15
P. Lawson	2.00	15	L. Bountiful	2.00	15
N. Fisher	2.00	15	B. Market	2.00	15
Ind'napolis	1.50	10	Lorna, white	1.50	10

C. A. Kuehn, 1122 Pine St., St. Louis, Mo.

Carnations. Rooted cuttings of Enchantress, Nelson Fisher, Bountiful, Lorna, Estelle, White Lawson, Pink Lawson, $2.00 per 100; $18.00 per 1000. White Perfection, $5.00 per 100. Good quality guaranteed. Cash with order.
Fred Stielow, Niles Center, Ill.

Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100;	$18.00 per 1000
Bountiful	2.00 per 100;	18.00 per 1000
Estelle	1.50 per 100;	15.00 per 1000

Cash with order.
Blanksma Bros., Grand Rapids, Mich.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Place your order now for January delivery of rooted carnation cuttings of Robt. Craig, Lady Bountiful, N. Fisher, P. Lawson, Enchantress, Harlowarden, and Aristocrat. Every cutting guaranteed. Andrew Peterson, Hoopeston, Ill.

Orders now booked for rooted cuttings of carnations, January, 1907, delivery. Rose-pink Enchantress, $7.00 100, $60.00 1000. Helen Goddard, $6.00 100, $50.00 1000.
W. B. Girvin, Leola, Pa.

Carnation rooted cuttings of Mrs. Fisher, the best outdoor white on the market. Strong, healthy cuttings ready now, $1.50 per 100; $12.50 per 1000.
Geo. Holst, Jr., Flushing, N. Y.

Carnations Imperial and Pink Imperial. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000. John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., N. Y.

Carnations, rooted cuttings for January, 1907, delivery. Novelties and standards. Display adv. gives varieties and prices.
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Carnation Pocahontas (crimson), to be disseminated next winter. Price, $12.00 100; $100.00 1000. Write us.
Baur & Smith, Indianapolis, Ind.

Strong, well-rooted carnation cuttings of all the best kinds. Varieties and prices given in display adv.
Chas. Dauernheim, Jr., Kimmswick, Mo.

Queen, best standard white, summer or winter. Well rooted cuttings, $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Well-rooted carnation cuttings, also unrooted, of all the best varieties. See display adv. for offer. Loomis Floral Co., Loomis, Cal.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000. Jan. delivery.
S. S. Skidelsky, 824 N. 24th St., Phila.

Carnation rooted cuttings for shipment during January, February and March. See display adv.
Reeds Lake Floral Co., Grand Rapids, Mich.

For January delivery—Victory, White Lawson, Thos. Lawson, Queen Louise, Estelle. Write for prices. W. C. Rockwell, Bradford, Pa.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Red Riding Hood, the new scarlet for 1907, also all the other novelties and standards.
Chicago Carnation Co., Joliet, Ill.

Carnation Helen Goddard. Orders booked for rooted cuttings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000. January delivery.
Rudolph Fischer, Great Neck, N. Y.

Unrooted carnation cuttings, Gomez, Lawson, Sport, Daybreak, 50c 100. Prepaid.
Wm. Ehmann, Jr., Corfu, N. Y.

Carnation pink sport of Enchantress, rooted cuttings, $6.00 100; $50.00 1000.
Holton & Hunkel Co., Milwaukee, Wis.

Carnation cuttings, leading varieties. List and prices are given in display adv.
Eli Cross, Grand Rapids, Mich.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv.
Valley View Greenhouses, Marlboro, N. Y.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Carnation Helen Goddard, rooted cuttings ready Jan. 1, $50.00 1000.
Geo. E. Buxton, Nashua, N. H.

Rooted carnation cuttings. Varieties and prices are given in display adv.
E. H. Blameuser, Niles Center, Ill.

Well rooted carnation cuttings, healthy. Write for price list, terms, etc.
Hermitage Carnation Co., Loomis, Cal.

Send for list of new carnations and the leading commercial varieties.
Wm. Swayne, Kennett Square, Pa.

Carnation cuttings. Leading varieties. Write for prices. Wm. Winter, Kirkwood, Mo.

Field-grown carnations, Norway, $3.00 100.
J. W. Dunford, Clayton, Mo.

Rooted carnation cuttings. See display adv.
Henry Baer, Peoria, Ill.

Rooted carnation cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

CHRYSANTHEMUMS.

Chrysanthemum stock plants. Nonin, Mrs. Buckbee, Mrs. Baer, Wm. Duckham, Golden Wedding, 75c per doz. Appleton, Chadwick, Parr, Ivory, Pink Ivory, Intensity, J. K. Shaw, Bonnaffon, Monrovia, Maud Dean, Mrs. J. Jones, G. Kalb, Mrs. Robinson, Mrs. Perrin, Niveus, Rieman, S. Beauty, Snow Queen, Timothy Eaton, Yellow Eaton, 60c per doz.; $4.00 per 100.
Andrew Bather, Clinton, Iowa.

WE WANT TO GET RID OF THESE STOCK MUMS, merely to get the room. AS AN INDUCEMENT WE WILL SLAUGHTER 5000 at these rates: Polly Rose, Merstham Yellow, Robinson, Appleton, Duckham, Enguehard, Nellie Pockett, Leila Filkins, White and Yellow Bonnaffon, Maud Dean, Yellow Eaton, $3.00 per 100; $20.00 per 1000. Undivided stools. No less than 50 at 100 rate or 250 at 1000 rate.
NOVELTIES: Alice Byron, C. Touset, Jeanne Nonin, Roi d' Italie, $5.00 per 100. Stock limited. Order quick.
CASH.
HARLOWARDEN GREENHOUSES,
GREENPORT, N. Y.

Small mum growers! Here you will find some money-making stock plants. Fine clumps to close out at 60c per doz., $5.00 per 100.

Pink.	White.
Dr. Enguehard	C. Touset, early
Pink Ivory	Chadwick, late
Maud Dean	Ivory
Yellow.	Eaton
Rieman	White Bonnaffon
Bonnaffon	J. Jones
Appleton	Jeanne Nonin, fine
Y. Eaton	
G. Wedding, late	

Spach-Denison Co., New Philadelphia, O.

Chrysanthemum stock plants. C. Touset, white, $1.25 per doz.; $10.00 per 100. Jeanne Nonin, white, 25c each; $3.00 per doz. Wanamaker, white, 4c each; $3.00 per 100. Major Bonnaffon, yellow, 4c each; $3.00 per 100. T. Eaton, white, 4c each; $3.00 per 100. Yellow Eaton, 4c each; $3.00 per 100. W. H. Chadwick, white and yellow, 6c each; $5.00 per 100. Polly Rose, 4c each; $3.00 per 100. October Sunshine, yellow, 4c each; $3.00 per 100. Omega, yellow, $1.00 per doz.; $7.00 per 100. Cash. Math. Evert, 58-60 Wabash Ave., Chicago.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
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Chrysanthemum stock plants of the following varieties, $4.00 per 100. Kalb, Glory of Pacific, Polly Rose, Pink Ivory, White Ivory, Wm. Duckham, Maud Dean, Marie Liger, Dr. Enguehard, A. J. Balfour, Alice Byron and R. Halliday. W. H. & C. B. Newman, Akron, N. Y.

Chrysanthemum stock plants. Polly Rose, Glory of Pacific, Alice Byron, Ivory, Monrovia, Geo. W. Childs, Col. Appleton, Yellow and White Eaton, Bonnaffon, Mrs. J. Jones, Wm. Duckham, Dr. Enguehard, Leila Filkins, 5c each. Jeanne Nonin, $1.00 per doz.
Maurice J. Brinton, Christiana, Pa.

To clean out benches by 10th of January, for lettuce, will close out chrysanthemum stock plants. Appleton and W. Chadwick, $2.50. Richardson, Robinson, Maud Dean and Marion Newell, $1.75 per 100. Cash with order.
W. C. Scovell, Malta, O.

Stock plants. Touset, Nonin, the money-makers as we have found them, 75c per doz.; $5.00 per 100; $40.00 per 1000. Pacific, Estelle, Willowbrook, Halliday, Kalb, L. Harriett, 60c per doz.; $4.00 per 100.
Eggeling Floral Co., St. Louis, Mo.

Chrysanthemums, stock plants, 50c per doz. as long as they last. White—Ivory, Jerome Jones, Bonnaffon, T. Eaton. Yellow—Bonnaffon, Golden Wedding, Cheltoni, Col. Appleton. Pink—Dr. Enguehard.
Jas. J. Curran, Salem Conservatories, Salem, Va.

Strong, healthy chrysanthemum stock plants. T. Eaton, Bonnaffon, R. Halliday, Whilldin, Appleton, M. Bailey, G. Pacific, Cremo, 50c doz.; $3.00 per 100. Cash with order, please.
Green & Baylis, West Grove, Pa.

Chrysanthemums. Stock plants of Mrs. Robinson, Y. Bonnaffon, Peabody, Black Hawk, Modesto, R. Halliday, H. Parr, $3.00 100. Cash.
E. D. Kaulback & Son, Malden, Mass.

Chrysanthemum stock plants. The Queen, a fine, early white, will bloom Oct. 15, $5.00 per 100. Also several other good kinds.
Jas. Hain, 2250 W. 51st Pl., Chicago.

Chrysanthemum stock plants. Wm. Duckham, Enguehard, Silver Wedding, Jones, Marie Liger, Appleton, Ivory, 50c per doz.
J. T. Goodlive, Zanesville, O.

Stock plants from bench, Clementine Touset, Jeanne Nonin, W. H. Chadwick, Golden Chadwick, $6.00 per 100.
F. R. Hills, 1000 N. 8th Ave., Maywood, Ill.

Chrysanthemum stock plants. White Ivory, white and yellow Bonnaffon, $3.00 per 100. Cash with order.
H. K. Lewis, Collingdale, Pa.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

10,000 fine White Ivory chrysanthemum clump plants for sale, $4.00 per 100; $35.00 per 1000. Cash with order. G. W. Renard, Avondale, Pa.

Chrysanthemum October Frost. Orders taken for rooted cuttings, $6.00 per 100; 2½-in. pots, $8.00 per 100. A. C. Canfield, Springfield, Ill.

Chrysanthemum stock plants. 1000 Jeanne Nonin, finest late white, $7.00 per 100. Cash with order. Wm. Keir, Pikesville, Md.

Our new chrysanthemum list of novelties is ready. We should like to send you a copy.
The E. G. Hill Co., Richmond, Ind.

Stock plants of Enguehard, Jones, Appleton, C. Touset, Alice Byron and Nonin, 75c doz.
McCaslin Bros., Zanesville, O.

Chrysanthemum stock plants. Leading varieties and prices are given in display adv.
S. N. Pentecost, 101st St., Cleveland, O.

Chrysanthemum stock plants, $5.00 100. Rooted cuttings, $12.50 1000.
J. D. Brenneman, Bx. 24, Harrisburg, Pa.

Chrysanthemum stock plants. Display adv. gives varieties and prices.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Stock mums, Maj. Bonnaffon and Col. Appleton, $2.00 per 100.
Ernsberger Bros., Decatur, Ind.

Extra large stock plants of Jeanne Nonin, $6.00 per doz.
F. Shearer & Son, Binghamton, N. Y.

Chrysanthemum stock plants, 75c doz.; $5.00 100. Reeds Lake Floral Co., Grand Rapids, Mich.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, best varieties, $1.00 per doz. Baur Floral Co., Erie, Pa.

Chrysanthemum stock plants, 75c doz.; $5.00 100. C. Humfeld, Clay Center, Kan.

Chrysanthemum stock plants. See display adv.
Henry I. Faust, Merion Station, Pa.

CINERARIAS.

Please discontinue our adv. for CINERARIAS. That little adv. sold for us between 4,000 and 5,000 cinerarias.—The Stover Floral Co., Grandville, Mich., Dec. 18, 1906. Have YOU any surplus stock you wish to dispose of?

Giant cinerarias, Benary, Cannell and Sutton's strains, the finest in the world, 2½-in., $2.00; 3-in., $3.00; 4-in., $5.00 per 100. Cash.
Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias, large-flowering, dwarf, for Easter bloom, 2-in., $1.50 per 100.
J. W. Miller, Carlisle, Pa.

Cinerarias, prize strain, 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cinerarias, 2¼-in., $2.00 100.
C. Whitton, City St., Utica, N. Y.

CLEMATIS.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

Large-flowered clematis, 18c.
W. H. Salter, Rochester, N. Y.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, fine varieties, 2-in., 2c. R. C., 70c 100, prepaid. A. J. Baldwin, Newark, O.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

CROTONS.

Crotons, 3-in., $5.00 100.
Springfield Floral Co., Springfield, O.

CYCAS.

Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

CYCLAMEN.

Cyclamen, 2¼-in., $2.00; 3-in., $5.00; 4-in., $8.00; 5-in., in full bloom, $15.00 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen, 4-in., $10.00; 5-in., $15.00 100.
C. Whitton, City St., Utica, N. Y.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

Dahlias. Pot roots for shipment at once. Every section including the popular cactus, show, fancy, pompon and single, $6.00 per 100 in 25 sorts; better and newer kinds, $8.00 and $9.00 100, post-free, cash with order. See display adv. for list of new varieties. Catalogue free. HOBBIES LIMITED, Dereham, England.

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Dahlias, 85 varieties from 4c to 75c per clump; some very rare ones. Large undivided field clumps, pure and true to name.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias, named varieties, many rare. Send for list. Adams Supply Co., Lowell, Mass.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

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DAISIES, fine strong stock for Easter pot plants or spring-flowering. CASH PRICES.
Queen Alexandra, new white, 2x2½-in., $2.50 and $3.00 per 100.
Etoile d' Or, yellow, 2½-in., $2.50 per 100.
Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Daisies, best varieties. See display adv.
C. Eisele, 11th & Roy, Philadelphia.

Daisies, 2½-in., $2.50; 3-in., $5.00 100.
P. A. Baker, Media, Pa.

Dbl. daisies, $2.50 1000. Cash.
Byer Bros., Chambersburg, Pa.

DRACÆNAS.

Dracaena fragrans and indivisa. See display adv. for sizes and prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Dracaena indivisa, strong, 3-in., $6.00; 4-in., $12.00 100; 6-in., 50c each.
John Walker, Youngstown, Ohio.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

FERNS.

FERNS OUR SPECIALTY.
CIBOTIUM SCHIEDEI.
We have a grand stock of this magnificent tree fern in all sizes, 3-in. pots, $25.00; 4-in. pots, $45.00; 5-in. pots, $70.00 per 100 plants; 7-in. pots, $1.70 each; 8-in. pots, $2.50 each.
Assorted ferns from 2¼-in. pots, all the best market varieties, $3.00 per 100, $25.00 per 1000 plants; 4-in. pots, $12.00 per 100.
ADIANTUM CUNEATUM, 2-in. pots, $3.50; 4-in. pots, $12.00 per 100. A. rhodophyllum, 4-in. pots, $25.00 per 100. A. Lathomi, 4-in. pots, $20.00 per 100. A. reginum, 4-in. pots, $35.00 per 100.
Fern spores gathered from our own stock plants, 35c per trade pkt.; $4.00 per doz. packets.
ANDERSON & CHRISTENSEN, Short Hills, N. J.

Ferns. Bostons from bench, 2½-in., 2½c; 3-in., 5c; 6-in., 25c; 8-in., 40c. Pots, 2½-in., 3c; 4-in., 12c.
Piersoni, 3-in., 8c.
Barrowsii, from bench, 3-in., 5c; 4-in., 15c; 6-in., 40c. Pots, 4-in., 20c.
A. J. Baldwin, Newark, Ohio.

Boston ferns, fine, large, 4-in., pot-grown, $12.00 per 100. From bench, for 4-in., $10.00 per 100, $90.00 per 1000; for 5 and 6-in., $20.00 per 100. Elegant stock in A1 condition. Cash with order.
F. W. Heckenkamp, Jr., Quincy, Ill.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

Pteris magnifica, Pteris serrulata cristata, Pteris albo-lineata, Pteris Wimsetti and Pteris Ouvrardi, $3.00 per 100, $25.00 per 1000.
Boston, Scottii and Piersoni ferns, 3-in. $8.00, 4-in. $15.00, 5-in. $25.00, 6-in. $40.00 per 100.
J. F. Wilcox, Council Bluffs, Ia.

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Florists' Pub. Co., Caxton Bldg., Chicago.

Boston, Piersoni, Elegantissima, Scottii, Whitmani and holly ferns. Sizes and prices of varieties are given in display adv.
Springfield Floral Co., Springfield, O.

Ferns for ferneries, all the best varieties, extra fine stuff, 3c. Western florists: Buy here and save express charges.
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Ferns for fern dishes. All the leading varieties, from 2 and 2½-in. pots, $3.00 per 100; $25.00 per 1000.
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Boston and Tarrytown ferns. See display adv. Byer Bros., Chambersburg, Pa.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

1000 Boston and Piersoni ferns, 5 and 6-in., low and must be sold. See my display adv. in this issue. Benj. Connell, West Grove, Pa.

Ferns. Elegantissima, 4-in., 15c; 5-in., 30c. 2½-in., $5.00 per 100. All pot-grown and full.
C. W. Bakewell, Gretna, La.

Bostons and Scottii, bench-grown; and Bostons, pot-grown. See adv. on cover page.
Baur Floral Co., Erie, Pa.

Fine Boston ferns from bench, $5.00 and $10.00 per 100. Satisfaction or money back.
U. G. Harglerode, Shippensburg, Pa.

Ferns. 10,000 Piersoni, Scottii and Bostons. Al sizes. See display for prices.
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We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
Janesville Floral Co., Janesville, Wis.

Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
J. W. Dunford, Clayton, Mo.

Boston ferns, 8-in. pans, $1.50 each, $15.00 doz.; 6-in. pans, 50c each.
A. Jablonsky, Wellston, Mo.

Elegantissima and Barrowsii, 2½-in., $3.00. Scottii, 2½-in., $2.50 100.
P. A. Baker, Media, Pa.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns in all varieties and sizes. See display adv. for prices.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Ferns, all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Nephrolepis Whitmani, 2¼-in., $25.00 100.
H. H. Barrows & Son, Whitman, Mass.

Nephrolepis Bostoniensis and Scottii.
John Walker, Youngstown, O.

Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Boston ferns, 5-in., 20c; 6-in., 25c.
C. Eisele, 11th & Roy, Phila., Pa.

Ferns. Write for our new list.
Geo. A. Kuhl, Pekin, Ill.

Boston and Piersoni ferns.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Ferns. See display adv.
National Plant Co., Dayton, O.

FEVERFEW.

Feverfew Little Gem, rooted cuttings, $1.00 per 100; $8.00 per 1000.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

Feverfew, rooted cuttings, 75c 100. Cash.
Converse Greenhouses, Webster, Mass.

FUCHSIAS.

Fuchsia Little Beauty, strong 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Double fuchsias. R. C., 60c 100; $5.00 1000. Cash. J. P. Cannata, Mt. Freedom, N. J.

GARDENIAS.

Gardenia Florida, strong, stocky, 4 to 6-in., $2.00 100; $18.00 1000.
John Monkhouse, Shreveport, La.

GERANIUMS.

Geraniums, strong, well rooted, fall cuttings. Trego, Mme. Jaulin, Beaute Poitevine and Jean Viaud, $1.50 per 100; $12.50 per 1000. S. A. Nutt, La Favorite, Dble. Grant, Mme. Thibaut and rose geranium (sweet scented), $1.25 per 100; $10.00 per 1000. Mme. Salleroi (silverleaf), $1.00 per 100; $8.00 per 1000. Cash, please. Hugo Book, Worcester, Mass.

Geraniums, the following "Six Kings": S. A. Nutt (deep scarlet), A. H. Trego (scarlet), Peter Henderson (bright scarlet), Beaute Poitevine (salmon), Jean Viaud (pink), Mme. Buchner (white), all semi-double, strong top cuttings, well rooted, $1.75 per 100; $16.00 per 1000. Cash. The W. T. Buckley Co., Springfield, Ill.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100.
St. Clair Floral Co., Belleville, Ill.

Good, strong, well rooted geranium cuttings, Paul Bruant and Buchner, $1.00 per 100, while they last. Cash with order. Logan Ave. Greenhouses, 1227 Logan Ave., Danville, Ill.

You may be interested in what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advertisements in this week's issue, under the heading of cinerarias.

Geraniums, 2¼-in., 1000 S. A. Nutt, 500 Ricard, 500 La Favorite, 500 Jean Viaud, 300 Poitevine and 200 rose geraniums, $2.00 per 100.
Arthur Harbison, Harrodsburg, Ky.

Geranium Ora D. Hill, rooted cuttings, $4.00 per 100; $30.00 per 1000. Ready now.
E. C. Hill, Erie, Pa.
S. S. Skidelsky, 824 N. 24th St., Phila.

Geraniums, best varieties, 2½-in., $15.00 per 1000. Send for list.
J. C. Schmidt Co., Bristol, Pa.

Geraniums, young, stocky, 2-in. plants, $2.50 100; $20.00 1000.
Baur & Smith, Indianapolis, Ind.

Geraniums, rooted cuttings, $1.25 100. Ivy, $1.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Mme. Salleroi geraniums, $1.25 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Geraniums, 2-in., five best sorts, 2c. Cash.
Byer Bros., Chambersburg, Pa.

GLADIOLI.

Groff's best hybrid, per 1000	$ 7.00
Selected florists' light, per 1000	14.50
Standard florists' mixed, per 1000	10.00
Lemoine's new Butterfly, per 1000	8.50
New blue hybrids, per 100	4.50
May, per 1000	10.50
Fancy mixed, per 1000	6.50

Good bulbs. Cash.
Geo. Popp, Jr., R. R. 2, Fort Recovery, O.

Did you read what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advs. in this week's issue, under the heading of cinerarias?

May No. 1, $10.00 per 1000. Groff's hybrids, extra large-flowering, stock direct from Groff, $5.00 per 1000. Cash.
P. O. Coblentz, New Madison, O.

Gladiolus Augusta, 1st size, $12.00; 2nd size, $8.00 1000. Cash.
Rowehl & Granz, Hicksville, N. Y.

3000 Gladiolus May, choice, extra large bulbs, $10.00 per 1000.
W. Frank & Sons, Portland, Ind.

Cushman Gladiolus Co., Sylvania, Ohio, offers standard mixed and hybrid seedling bulbs.

Gladioli as good as the best. Nothing better.
C. Betscher, Canal Dover, Ohio.

Augusta, small sizes, $2.00 to $4.50 per 1000.
John Fay Kennell, Chili, N. Y.

Gladioli. Finest stock in the world.
Arthur Cowee, Berlin, N. Y.

See display adv. in this issue.
E. E. Stewart, Rives Junction, Mich.

HARDY PLANTS.

If you are looking for some extra nice 2 to 3 inch silver maples, 2 to 3 inch laurel-leaf willows, 2 to 5 inch Carolina poplars, 1½ to 2½ inch Russian olives, 8 to 10 and 10 to 12 foot white birch, 3 to 4 foot golden willows, 2 to 4 inch box elder, write us. We have lots of them.
The Newburys, Mitchell, So. Dak.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

We are headquarters for all the latest and best hardy perennials. We shall be pleased to mail you our catalogue. Royal Tottenham Nurseries, Dedemsvaart, Holland.

Large trees of oaks, maples, pines and hemlocks. We have a full line of all nursery stock and can fill orders promptly.
Andorra Nurseries, Chestnut Hill, Philadelphia.

Mertensia virginica, hardy perennial, beautiful blue in color; blooms early, fine for massing, $3.00 per 100.
A. H. Dailey, Knoxville, Tenn.

An immense stock of both large and small size evergreen trees in great variety; also evergreen shrubs.
The Wm. H. Moon Co., Morrisville, Pa.

Trees and shrubs, immense quantities. Price list on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Wholesale growers of nursery stock for the American trade. Catalogue on application.
H. Den Ouden & Sons, Boskoop, Holland.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
W. & T. Smith Co., Geneva, N. Y.

Trees, shrubs, and evergreens in good assortment. Catalogue for the asking.
H. T. Jones, Elizabeth, N. J.

English manetti, gooseberries and ornamentals for florists and nurserymen.
H. Frank Darrow, P. O. Box 1250, New York.

Viburnum plicatum all sizes, spiraeas, deutzias, etc. Write for prices.
Conard & Jones Co., West Grove, Pa.

Herbaceous plants, field-grown. Send for list.
Elizabeth Nursery Co., Elizabeth, N. J.

Evergreen trees and other hardy stock.
J. T. Lovett, Little Silver, N. J.

Hardy pinks, field, 3½c. Cash.
Byer Bros., Chambersburg, Pa.

Fruit and ornamental trees.
Gilbert Costich, Rochester, N. Y.

HELIOTROPES.

Heliotropes (dark), good stock, strong and well rooted, R. C., 60c 100; $5.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dwarf varieties, 2-in., $2.50. Rooted cuttings, $1.00 per 100.
N. O. Caswell, Delavan, Ill.

HIBISCUS.

Hibiscus, field plants, Moscheutos, $3.00 100; $25.00 1000. Crimson Eye, $2.50 100.
Springfield Floral Co., Springfield, O.

Hibiscus, 2-in., $2.50 100.
National Plant Co., Dayton, O.

HYDRANGEAS.

Hydrangeas for Easter. To close out quick we offer a fine lot of stocky plants of Thos. Hogg.
Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa, clean, healthy and well shaped, field and pot-grown. Our adv. on front cover gives prices. Baur Floral Co., Erie, Pa.

The new hydrangea, Arborescens grandiflora alba. See adv. on cover page.
The E. G. Hill Co., Richmond, Ind.

Hydrangeas, 2½, 4, 5-in. See display adv. for prices.
S. N. Pentecost, 101st St., Cleveland, O.

Hydrangea Thos. Hogg, field-grown plants, $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

Hydrangea P. G., $7.00 100.
Elliott & Sons, 201 Fulton St., New York.

IVY.

Hardy English ivy, 4-in., $1.50 doz.; $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

German ivy. R. C., 50c 100; $4.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

English ivy, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

LILY OF THE VALLEY.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

High-grade valley. Early giant forcing. Per 100, $1.50; 1000, $14.00; case of 2500, $34.50.
Currie Bros. Co., Milwaukee, Wis.

Lily of the valley pips, Berlin or Hamburg, extra fine quality. Send for prices.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Lily of the valley, early-forcing pips, $1.50 100; $14.00 1000.
H. N. Bruns, 1400 Madison St., Chicago.

Lily of the valley pips, finest quality for early and late forcing.
H. Frank Darrow, Box 1250, New York.

MANETTI STOCKS.

Manetti stocks for florists' use. Best French grown. Sizes and prices are given in display adv. Jackson & Perkins Co., Newark, New York.

Manetti, 3/16 to ¼-in., $10.00; ⅛ to 3/16-in., $7.50 1000. H. T. Jones, Elizabeth, N. J.

English Manetti for florists and nurserymen.
H. Frank Darrow, Box 1250, New York.

Manetti stocks, $9.00 1000.
Elizabeth Nursery Co., Elizabeth, N. J.

Manetti stocks for florists.
B. Ruys, Dedemsvaart, Holland.

MUSHROOM SPAWN.

Lambert's pure culture mushroom spawn has never failed to run. Practical instructions on mushroom culture mailed free if you mention The REVIEW.
American Spawn Co., St. Paul, Minn.

English mushroom spawn. Full particulars and information on mushroom culture free if you mention The Florists' Review.
Gundestrup & Co., 4273 Milwaukee Ave., Chicago.

Tissue-culture pure spawn. Seven varieties. Write for our booklet. It's free.
Pure Culture Spawn Co., 600 W. 4th St., Cincinnati, O., or 604 La Salle Ave., Chicago.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

High-grade mushroom spawn always on hand.
Johnson Seed Co., 217 Market St., Phila., Pa.

Reliable English mushroom spawn.
H. F. Michell Co., 1018 Market St., Phila.

Pure culture mushroom spawn.
W. C. Beckert, Allegheny, Pa.

NURSERY STOCKS.

Weeping mulberries, strong, 1-yr.-old heads, grafted, 5 to 6 ft., $45.00 per 100.
Aralia japonica, 4 to 6 ft. high, $20.00 per 100; 6 to 8 ft. high, $25.00 per 100.
Catalpa Bungei, 2 and 3-yr. heads, grafted, 7 ft. high, $40.00 per 100.
Lilac Charles X, on own roots, 4 yrs. old, 3 to 4 ft., $18.00 per 100; 4 to 5 ft., $20.00 per 100.
Barberry Thunbergi, 5 yrs. old, good, heavy stock, 2½ to 3 ft., $25.00 per 100.
Privet Amurense, bushy plants, 4 to 5 ft., $25.00 per 100; 3 to 4 ft., $18.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

Deciduous trees and shrubs. Send for price list. Cottage Gardens Co., Queens, N. Y.

ORCHIDS.

Orchids. A large importation in perfect condition just received.
Carrillo & Baldwin, Secaucus, N. J.

Orchids for immediate and spring delivery.
A. Held, 11-19 William St., New York.

Orchids, established and semi-established.
Julius Roehrs Co., Rutherford, N. J.

Orchids, all varieties.
Lager & Hurrell, Summit, N. J.

PALMS, ETC.

Kentia Forsteriana, Belmoreana, Cocos Weddelliana, all sizes. See display adv. for prices.
G. Aschmann, 1012 Ontario St., Phila.

Phoenix Roebelenii, seedlings, $5.00 100, $40.00 1000. It's a grand palm.
John Lewis Childs, Floral Park, N. Y.

Livistona rotundifolia, well-leaved and clean, $6.00, $9.00 and $12.00 per doz.
Julius Roehrs Co., Rutherford, N. J.

Latania Borbonica, 4-in., $15.00 100. Kentia Belmoreana, 5-in., $60.00 100.
Storrs & Harrison Co., Painesville, O.

We have some fine specimen kentias and other decorative plants.
Bobbink & Atkins, Rutherford, N. J.

All sizes and varieties of palms. See display adv. Wittbold Co., 1657 Buckingham Pl., Chicago.

Pandanus Veitchii, all sizes, $1.00 to $3.50 each. J. W. Young, Germantown, Phila., Pa.

Pandanus Veitchii, rooted cuttings, $12.00 per 100. Henry S. Pennock, Neptune, Fla.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
J. H. Krone, Jr., Fort Smith, Ark.

Large-flowering pansy plants, 50c 100; $3.00 1000. Cash. Jos. H. Cunningham, Delaware, O.

Pansy plants. See display adv.
F. A. Baller, Bloomington, Ill.

PEONIES.

Peonies. Queen Victoria (Whitleyii), $9.00 per 100; Festiva maxima, $30.00 per 100; Fragrans, the bloom producer, $6.00 per 100. For other varieties and 1000 rate, write
Gilbert H. Wild, Sarcoxie, Mo.

Wholesale grower of peonies. List of 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies a specialty. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 1200 sorts. Greatest list anywhere.
C. Betscher, Canal Dover, Ohio.

PETUNIAS.

You may be interested in what the Stover Floral Co., of Grandville, Mich., says about The Review's classified advertisements in last week's issue, under the heading of cinerarias.

POINSETTIAS.

Poinsettias in pans and pots. All sizes, from single in 3-in. to six in 8-in., from 12½c to 30c per bract, according to size. Write me your needs and let me quote you.
F. R. Hills, 1000 N. 8th Ave., Maywood, Ill.

Poinsettias, stock plants, $5.00 100.
J. D. Brenneman, Bx. 24, Harrisburg, Pa.

Poinsettias, 2½ in., $4.00 100.
S. N. Pentecost, 101st St., Cleveland, O.

PRIMULAS.

Primula obconica, all colors and varieties, mostly in bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100.
Buttercup, full of buds and flowers, 3-in., $5.00; 3½-in., $7.00 per 100.
Chinese, all the best strains, 3-in., $5.00; 4-in., mostly in bud and bloom, $10.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Chinese primroses, good, strong plants, 3-in., $5.00 per 100. Krueger Bros., Toledo, Ohio.

Chinese primroses, A1, in bud and bloom, 5-in. pots, shipped with or without pots, $2.00 per doz.
Wm. McMurray & Son, Wapakoneta, Ohio.

Primula obconica, strong, 3-in., $3.00 per 100; 2-in., $2.00 per 100. Cash.
C. F. Krzysske, Sandusky, O.

Primula obconica, 2½-in., 3c; 3-in., 4c. Chinese, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

Chinese primroses, good, strong plants, 3½-in., $5.00 per 100.
Rode Bros., Bowling Green, Ohio.

Chinese primroses, 4-in., 8c. Obconica, 4-in., 6c. In bud and bloom. J. H. Ziegler, Rowenna, Pa.

Chinese and obconica primulas. See display adv. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

PRIVET.

California privet, 10 to 15 in., 75c 100. Other sizes given in display adv.
John Monkhouse, Shreveport, La.

Privet Amurense, bushy, 4 to 5 ft., $25.00; 3 to 4 ft., $18.00 100.
Klehm's Nurseries, Arlington Heights, Ill.

250,000 California privet, all sizes. Send for trade list. Valdesian Nurseries, Bostic, N. C.

California privet, all sizes.
J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendrons, bushy, leading forcing var., 18 to 20 in. high, $9.00; 20 to 24 in., $12.00 doz. Storrs & Harrison Co., Painesville, O.

Rhododendrons, plants with 12 buds and more, $1.00 each; $11.00 doz.; $90.00 100.
H. A. Dreer, 714 Chestnut St., Phila.

ROOTED CUTTINGS.

For rooted cuttings of vincas, salvias, heliotropes, ageratums, and other stock, see display adv. Byer Bros., Chambersburg, Pa.

Begonia Vesuvius, vinca, red alternantheras, salvia, $1.00 100. Heliotrope and sweet alyssum, 60c. F. P. Sawyer, High St., Clinton, Mass.

Vinca var., 90c. Ageratums, 60c. Salvia Bonfire, 75c. Coleus, 60c 100. Prepaid. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Rooted cuttings of fuchsias, heliotropes, coleus and other stock. See display adv.
C. Eisele, 11th & Roy, Phila., Pa.

ROSES.

"WE GROW TO ORDER"
For March, April and May delivery, Bride, Bridesmaid, Perle, Chatenay, Ivory and Richmond rose plants from 2½-in. pots at $3.00 per 100, $25.00 per 1000. First-class stock guaranteed. J. F. AMMANN, Edwardsville, Ill.

We have a consignment of roses that we are offering at the low price of $7.00 per 100 (10 in a lot), in order to move quickly. It's a great opportunity, and you ought not to miss it. Send for list of varieties.
W. Elliott & Sons, 201 Fulton St., New York.

Rose Miss Kate Moulton, splendid in growth, 2½ and 3-in. pots, $12.00 100; $50.00 500; $100.00 1000. Early spring delivery.
Sibson Rose Nurseries, 1180 Milwaukee Ave., Portland, Ore.

Own root roses, 2 yrs. C. Ramblers, $7.00. Dorothy Perkins, P. W. and Y. Ramblers, $5.00. H. P. roses and Baby Ramblers, $8.00 100.
Gilbert Costich, Rochester, N. Y.

Roses. Baby Ramblers, the strongest dormant stock in the country, $25.00 per 100; 2½-in. pot plants, $7.00 per 100, $65.00 per 1000.
Brown Bros. Co., Rochester, N. Y.

Field rose bushes of Maman Cochet, white, $6.00 per 100; $50.00 per 1000; not less than 500 at 1000 rate. Cash with order.
C. Akehurst & Son, White Marsh, Md.

The beautiful new pink rose, MISS KATE MOULTON, is the queen of all pink roses. Write us about it.
Minneapolis Floral Co., Minneapolis, Minn.

Field-grown roses, low-budded, 2 yrs. old, well rooted. A list of varieties and prices is given in display adv.
F. Ludemann, Baker St., San Francisco, Cal.

KILLARNEY. Rooted cuttings and plants—large stock—early delivery. Write to headquarters.
WEILAND & RISCH, 59 Wabash Ave., Chicago.

Field-grown roses, 1½ to 4 ft., $8.00 100. Crimson Rambler, 1½ to 4 ft., $3.00 to $5.00 100. Wm. K. Nelson, Augusta, Ga.

Roses, northern-grown. Crimson Ramblers, 4 to 7 ft., $10.00; strong, No. 2, $6.00 100.
C. M. Niuffer, Springfield, O.

H. P. roses, choice named, $1.50 doz. La France, $9.00 100.
F. A. Baller, Bloomington, Ill.

Roses, 2-yr., field-grown, well rooted. See display adv.
Jackson & Perkins Co., Newark, New York.

ROSES—Continued.

Roses and all Holland grown plants in choicest varieties.
H. Frank Darrow, Box 1250, New York.

Rooted rose cuttings. Fine stock. See display adv.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses, strong, well rooted cuttings. See display adv. W. H. Gullett & Sons, Lincoln, Ill.

Hybrid roses, 2-yr., field-grown, $12.00 100.
Storrs & Harrison Co., Painesville, O.

Roses, rooted cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

Roses for spring blooming, proper sorts.
W. H. Salter, Rochester, N. Y.

Leedle Co., 101 best sorts, Springfield, O.

RUBBERS.

Rubbers, top cuttings, out of 3's. Strong, healthy plants, ready for delivery, $150.00 1000. In lots of 500 or less, $16.00 per 100; in lots of 100 or less, $17.00 per 100.
A. C. Oelschig & Son, Savannah, Ga.

Rubbers, strong plants, 4-in., 20c; 5-in., extra strong, 25c. Cash.
Fuhlbruegge Bros., Winona, Minn.

SANSEVIERIAS.

Sansevierias, strong, 4-in., $1.50 doz.
C. Eisele, 11th & Roy, Philadelphia.

SEEDS.

Headquarters for cauliflower and Tripoli onion seed, Crystal Wax and Bermuda, and all other vegetable seeds of unrivaled quality. All flower seeds grown on an enormous scale. Ask for wholesale catalogue. Dammann & Co., San Giovanni a Teduccio, Italy.

Seeds of palms, ferns, asparagus, callas, cyclamen, Primula sinensis, tropical plants; white and red Bermuda onions, the true Teneriffe seed. Send for illustrated wholesale catalogue. Albert Schenkel, Seed Grower, Hamburg, Germany.

The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
Florists' Pub. Co., Caxton Bldg., Chicago.

Seeds. L. C. Nungesser, Griesheim, nr. Darmstadt, Germany, exporter and importer. Specialties: Selected grass and clover seeds, alfalfa of Provence and Turkestan; free from dodder and cuscuta. Crimson clover.

VICK'S ASTER SEED. The standard of excellence. For varieties, see adv. in Dec. 13 issue, which also contains a SPECIAL OFFER for all who mention The Review.
James Vick's Sons, Rochester, N. Y.

Vegetable, flower and agricultural seeds. My specialties are Phlox Drummondii, and Lucerne of Provence (alfalfa). May I send you my catalogue? Jacques Rolland, Nimes, France.

Asparagus comorensis seed, $2.00 per 1000 seeds; $12.00 per lb. This is a better plant than A. plumosus nanus. Golden State Plant & Floral Co., Santa Monica, Cal.

High grade grass seeds and alfalfa, our specialties. Warranted free from dodder and any adulteration. Ask for prices and samples.
A. Le Coq & Co., Darmstadt, Germany.

RELIABLE SEEDS. Sow the TRUE thing now. A miscellaneous list of varieties with prices is given in display adv.
O. V. Zangen, Hoboken, N. J.

Danish seed, Cauliflower Snowball, and Haages, extra early Erfurter Dwarf. Cabbage White Amager (Stonehead). Write
Chris. Olsen, Odense, Denmark.

New crop flower seeds. Just received new crop stocks in fine condition. See display adv. or write for 1907 catalogue.
Stokes' Seed Store, 219 Market St., Phila.

Choice flower seeds, finest strains. Price list on application.
H. B. May & Sons, Upper Edmonton, London, England.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Rawson's Newport Beauty stock. For description and other varieties see display adv.
W. W. Rawson & Co., Boston, Mass.

Garden seeds in variety, Maine seed potatoes, onion sets, etc. Correspondence solicited.
S. D. Woodruff & Sons, Orange, Conn.

Wholesale seed growers. Onion, lettuce, carrot and sweet pea seeds are specialties.
Pacific Seed Growers' Co., San Francisco, Cal.

Shasta daisy and petunia seeds. Description and price are given in display adv.
Fred Grohe, Santa Rosa, Cal.

Bermuda onion sets, now ready, $3.50 per bushel of 40 lbs. Order at once.
Crenshaw Bros. Seed Co., Tampa, Fla.

Seeds of salvia, verbena, phlox and vinca. Prices are given in display adv.
H. F. Michell Co., 1018 Market St., Phila.

Asparagus plumosus nanus seed, $2.00 1000 seeds; $10.00 6000 seeds.
Taylor Seed Co., Glendale, Cal.

Wholesale grower of vegetable and flower seeds. Selected stocks.
A. J. Pieters Seed Co., Hollister, Cal.

Grass, clover, agricultural and forest tree seeds. Send for list.
Conrad Appel, Darmstadt, Germany.

Seed growers for the trade. Write us before placing contracts.
S. M. Isbell & Co., Jackson, Mich.

New crop Salvia splendens and smilax seed. See display adv.
Johnson Seed Co., 217 Market St., Phila.

Flower seed for early sowing. Send for our preliminary list.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Cyclamen giganteum seed, $1.00 200; half packet, 50c.
John F. Rupp, Shiremanstown, Pa.

We are growers of onion sets.
Gundestrup's Seed Store.
4273 Milwaukee Ave., Chicago.

Importers and growers of high grade seeds.
Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Cauliflower and cabbage seed.
Hjalmar Hartmann & Co., Copenhagen, Denmark, or 31 Barclay St., N. Y. City.

SEED POTATOES. Early Michigan and Irish Cobbler. F. M. Pattington, Scipioville, N. Y.

Wholesale seed grower. Correspondence solicited. Waldo Rohnert, Gilroy, Cal.

We are growers of Puget Sound cabbage seed.
Chas. H. Lilly Co., Seattle, Wash.

Comet tomato seed, $5.00 oz.
Wm. Sim, Cliftondale, Mass.

Seeds, bulbs and plants.
W. P. Craig, 1305 Filbert St., Philadelphia.

SHRUBS.

Syringa japonica, 3 to 12 in., $5.00 per 100. Berberis Sieboldii, allied to Thunbergi, 6 to 12 in., $5.00 per 100. Wistaria sinensis magnifica, 1-yr. seedlings, $2.00 per 100; 2-yr. plants, $5.00 per 100. Send for list of bulbs and hardy plants. E. S. Miller, Wading River, N. Y.

Cut leaf Staghorn sumach, large stock, 6c, 8c, 12c and 15c. Edw. Teas, Joplin, Mo.

All kinds of hardy shrubs. Ask for prices.
Klehm's Nurseries, Arlington Heights, Ill.

SMILAX.

One thousand strings smilax for the holiday trade. $10.00 per 100. Cash.
E. S. Blauvelt, Wholesale Florist, Coeymans, N. Y.

Smilax, good, strong stock from 2½-in. pots, $2.00 per 100; $18.00 per 1000.
Evenden Bros., Williamsport, Pa.

Smilax, strong, 2-in., $1.20 per 100; $10.00 per 1000. F. Griswold, Worthington, O.

Smilax seedlings, fall-sown, $3.00 1000.
F. A. Baller, Bloomington, Ill.

Smilax, 2½-in., $2.00 100.
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F. W. O. Schmitz, Prince Bay, N. Y.

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Strong, field-grown, triple-curled parsley plants, $2.00 1000. Cash.
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To Exchange—Chrysanthemum stock plants, C. Touset, $8.00 per 100; Jeanne Nonin, $8.00 per 100; Chadwick, $6.00 per 100; Omega, $5.00 per 100; W. Bonnaffon, $5.00 per 100; yellow, $5.00 per 100; for geranium cuttings, assorted, of S. A. Nutt, Jean Viaud, Ricard or Harrison, La Favorite, Beaute Poitevine, also coleus, the large leaved variety; salvias, Salleroi geraniums, and fuchsias. Must be good stock.
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To Exchange—300 Asparagus plumosus, 3-in. pots, ready for 4-in., in fine condition, for Piersoni, Scottii or Elegantissima. Price, $6.00 per 100.
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A. A. Pantet & Co., Fort Smith, Ark.

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To Exchange—See display adv.
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Wanted—Gladioli No. 54. Who has it? Address No. 165, care Florists' Review, Chicago.

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Green and bronze galax leaves, 75c per 1000, postage prepaid. Rhododendron leaves, 40c per 1000, prepaid.
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We have constantly on hand a full line of all sizes of greenhouse glass and can fill orders promptly and at lowest market prices.
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Ionia Pottery Co., Ionia, Mich.

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A list of plant names and the botanical terms most frequently met with in articles on trade topics, with the correct pronunciation for each. **35 cents**

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Greenhouse Heating.

RADIATION.

Will you inform me as to how many feet of radiation a 1-inch, 1¼-inch, 1½-inch, 2-inch, 2½-inch, 3-inch, 3½-inch and 4-inch pipe ought to supply, using hot water? F. M. L.

Pipes less than 1½-inch are seldom used as flow pipes or risers. The following table will show the amount of radiation a given size pipe will supply:

1½-inch pipe,	225	square feet radiation.
2 -inch pipe,	400	square feet radiation.
2½-inch pipe,	620	square feet radiation.
3 -inch pipe,	900	square feet radiation.
3½-inch pipe,	1,220	square feet radiation.
4 -inch pipe,	1,660	square feet radiation.

The above table is on a hot water basis. L. C. C.

CONVERTIBLE SYSTEM.

I have heard of changing from hot water to steam by simply taking out a part of the piping. Is it practicable to heat by steam through 2-inch pipes? My flows are 2-inch and 2½-inch and return 2-inch. The longest run, from the boiler through the house and back to the boiler, is 250 feet. F. W. F.

Yes, it is perfectly practicable to change from hot water to steam by reducing the amount of piping; in fact, many greenhouse plants are now being constructed on a convertible basis; i. e., so as to use hot water during spring and fall, while a mild heat is required, and then, when severe weather sets in, to draw off the water, close the valve to the expansion tank and run the plant on a steam basis. Two-inch pipe is not the ideal for this plan, however, although it is a satisfactory size for hot water and can be used for steam. If you have sufficient radiation for mild weather and can work the plant on a convertible basis, place a few gate valves in the system, so as to cut out enough radiation to allow working it on a steam basis. It would be well to have the present radiation figured up and the changes necessary accurately determined before removing any piping. L. C. C.

HOT WATER OR STEAM.

I wish to know which will be the cheaper, to heat with soft coal and hot water or with hard coal and steam. Which will bring the best results in a rose house? Can you give the names of two of the best boilers, one for hot water and one for steam? M. E. A.

It is impossible to decide your question without full information in regard to local conditions. I know you are in a soft-coal region and that soft coal or coke are available. The size of the plant to be heated, as well as the character of the crops grown are important considerations to be taken account of in making a choice between hot water and steam. As a general proposition, however, water is more satisfactory for small plants, say two or three houses 100 feet long, while steam is cheaper to install and more satisfactory for extensive plants. Hot water with hard coal costs less to manage, while steam with soft coal is dearer as regards time of fireman, but more satisfactory for extensive plants. There are many good greenhouse boilers on the market, both steel and cast iron. Get the one with greatest surface for the heated gases to come in contact with. L. C. C.

PIPE FOR HEATING.

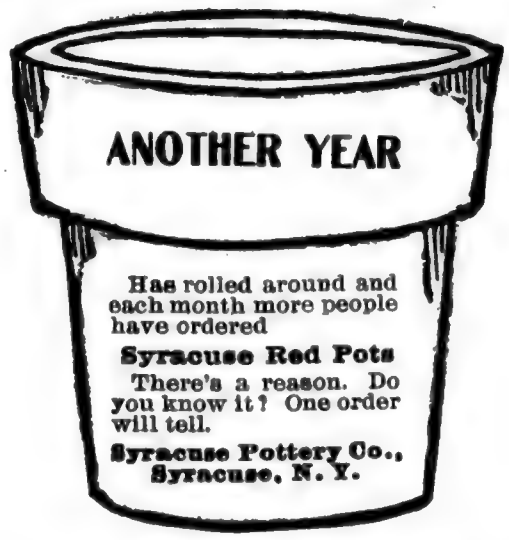
My new east and west house is 20x31. The side walls are four feet high and nine feet to the ridge. It has two feet of glass on the south side, both sides being exposed and both ends protected. The outside temperature sometimes drops to 25 degrees below zero. I wish to maintain a temperature of 58 to 60 degrees. What size pipe should I use and how arrange for hot water?

I also have one house 20x24, nine feet to the ridge, walls four feet, built on the west end of the first house. It has glass in the south side and west end. I want to maintain a temperature of 45 to 48 degrees. The boiler pit is just north of the 24-foot house and eight feet deep. How high should the expansion tank be? A. D. S.

Two-inch pipe will provide a satisfactory system for heating with hot water..

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Red Standard Pots
Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application
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SAVE FUEL

Write for Catalogue

See advertisement in last week's Review and watch for it next week,

THE HERENDEEN MFG. CO., Geneva, N. Y.

The house 20x31 should be provided with thirteen runs of 2-inch pipe the length of the house. This can be divided into two or three coils, each supplied by one 2-inch pipe. If three coils are used three of the thirteen pipes will be flow pipes, or if two coils are used two of the thirteen pipes will be flow pipes. If the house has three benches with the piping under them, three coils will be most satisfactory. Use five pipes on the north side, four on the south and four under the center bench, making each coil independent of the others, except that they can all be taken off a common flow near the boiler and all empty into a common return. The house 20x24 should have eleven 2-inch pipes, arranged either on the side walls or under the benches as above described.

Elevate the expansion tank just as much as possible; fifteen feet above the highest point in the system is good.

L. C. C.

WILKS GREENHOUSE HEATERS

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO NIGHT FIREMAN REQUIRED

Can be used with either HARD OR SOFT COAL.

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Greenhouse Boiler.
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Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 283 Dearborn St. CHICAGO

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WINCHESTER, MASS.—The greenhouses of Fred M. Symmes caught fire from the heating plant December 9. The fire was put out before much damage was done.

BEAVER FALLS, PA.—Mrs. H. A. Hewitt has removed to New Brighton, Pa., and has leased the Junction Park greenhouse, a larger plant than the place in Beaver Falls.

Florence Heaters

Universal Fuel Burner Especially Adapted to Greenhouse Work

The Boilers with the Long Fire Travel and the Grate as short as you want it.

You should read our 1907 Catalogue.



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High-Grade Boilers

Get our Catalogue **For GREENHOUSES**

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

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NEW BEDFORD, MASS.—Peter Murray will supply this market with Begonia Gloire de Lorraine, it being conceded that his house cannot be beaten. In fact, few attempt to carry it in this section in quantity.

Tobacco Paper Is the STRONGEST, BEST PACKED, EASIEST APPLIED

24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" Furnishes the Most Nicotine for the Money!

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LIQUID Over 40 % Nicotine

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Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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DETROIT.

The Market.

It is rather too early to be able to go into details about the Christmas trade, but we can say that it certainly was good with everyone.

Roses were exceedingly scarce. What there were on the market brought good prices for this city, about $15 per hundred for the best. Carnations arrived in larger quantities at the last moment than was at first expected, but still not enough to meet the demand. The stock was good and ranged in price from $5 to $8 per hundred. Poinsettias went well at from $3 to $3.50 per dozen, wholesale. The grade of these beautiful flowers varies much. Some are grown right and keep remarkably well, while others look like a dishrag on a busy day.

Many eastern violets are handled in Detroit, as well as many singles and some few doubles grown in this vicinity. The price for Christmas was $2.50 per hundred for either variety. Valley is proving a good substitute for violets, and many thousands were sold. The price was $4 to $5 per hundred. Many orchids were also sold. Narcissi, daffodils, Romans, sweet peas and a few stray mums completed the stock. Smilax is plentiful.

Club Meeting.

The last meeting of the club was well attended considering the busy times. The paper by Robert Flowerday having been postponed until January, there was little done. Philip Breitmeyer held the floor for some time, giving a talk on Christmas preparations. He spoke mainly of the importance of keeping up prices.

January 2 will be "Christmas trade discussion."

Various Notes.

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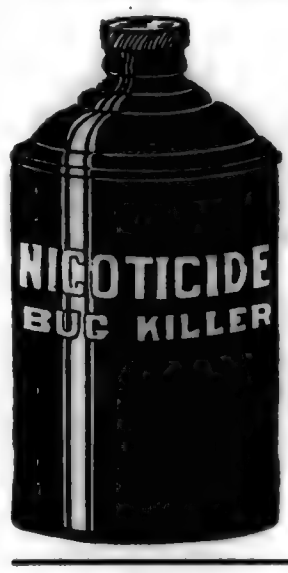
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We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."

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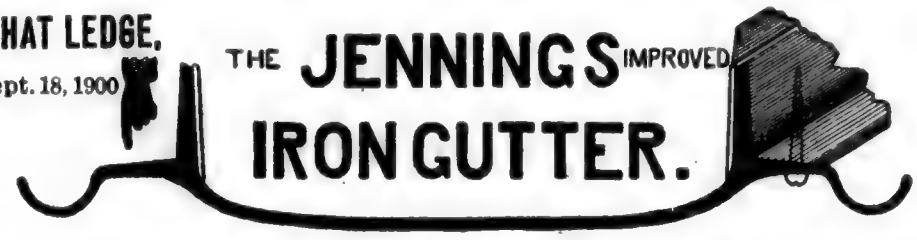
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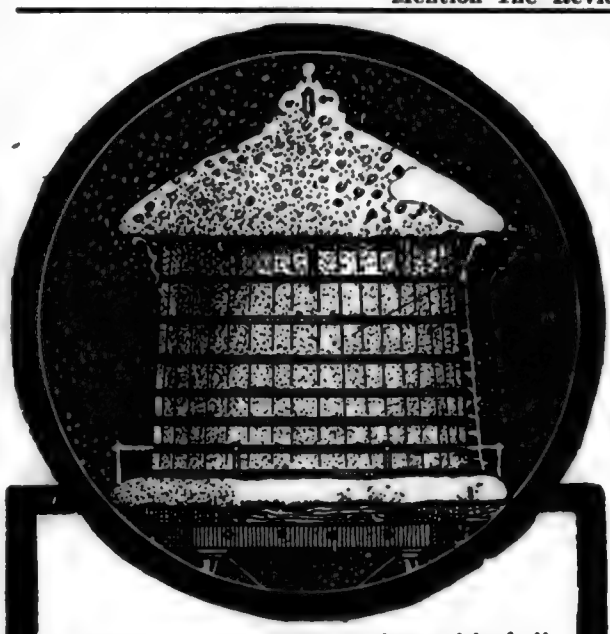
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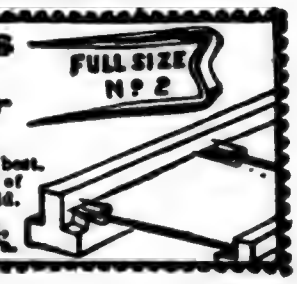
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The Market.

It is rather too early to be able to go into details about the Christmas trade, but we can say that it certainly was good with everyone.

Roses were exceedingly scarce. What there were on the market brought good prices for this city, about $15 per hundred for the best. Carnations arrived in larger quantities at the last moment than was at first expected, but still not enough to meet the demand. The stock was good and ranged in price from $5 to $8 per hundred. Poinsettias went well at from $3 to $3.50 per dozen, wholesale. The grade of these beautiful flowers varies much. Some are grown right and keep remarkably well, while others look like a dishrag on a busy day.

Many eastern violets are handled in Detroit, as well as many singles and some few doubles grown in this vicinity. The price for Christmas was $2.50 per hundred for either variety. Valley is proving a good substitute for violets, and many thousands were sold. The price was $4 to $5 per hundred. Many orchids were also sold. Narcissi, daffodils, Romans, sweet peas and a few stray mums completed the stock. Smilax is plentiful.

Club Meeting.

The last meeting of the club was well attended considering the busy times. The paper by Robert Flowerday having been postponed until January, there was little done. Philip Breitmeyer held the floor for some time, giving a talk on Christmas preparations. He spoke mainly of the importance of keeping up prices.

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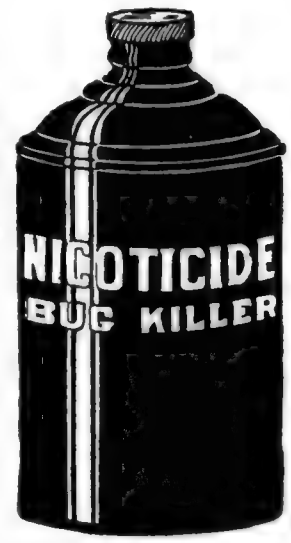
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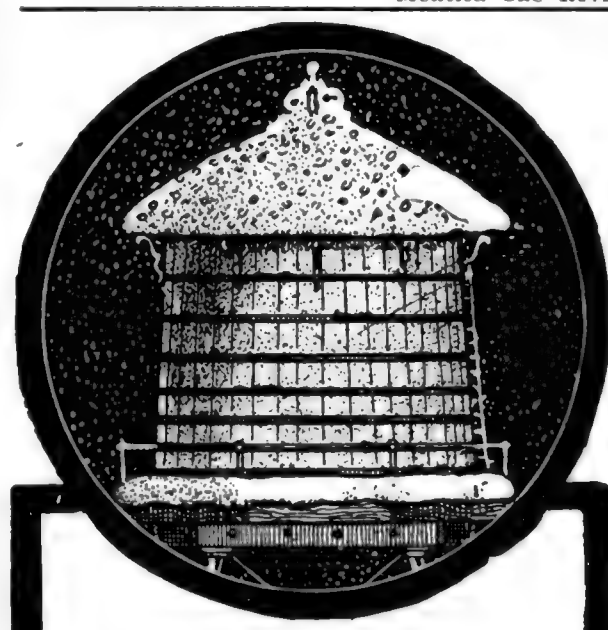
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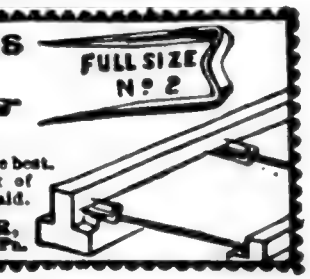
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G. L. GRANT, EDITOR AND MANAGER.

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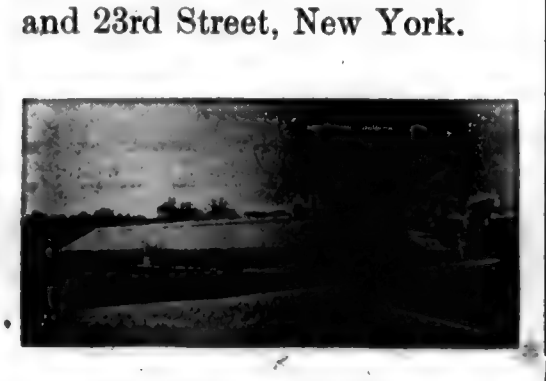
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Last week we had to omit part of Thomas Proctor's letter about U-Bar houses because of lack of space, but here is his last clause: "The light we get is perfect and the growing capacity of the houses, seems to me to be beyond anything I have ever experienced." You will recall that Mr. Procter is Superintendent for R. W. Patterson, Lenox, Mass. Send for new catalog. **Pierson U-Bar Company, Designers and Builders of U-Bar Greenhouses,** Metropolitan Building, 4th Avenue and 23rd Street, New York.



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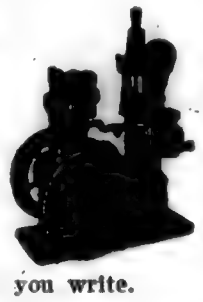
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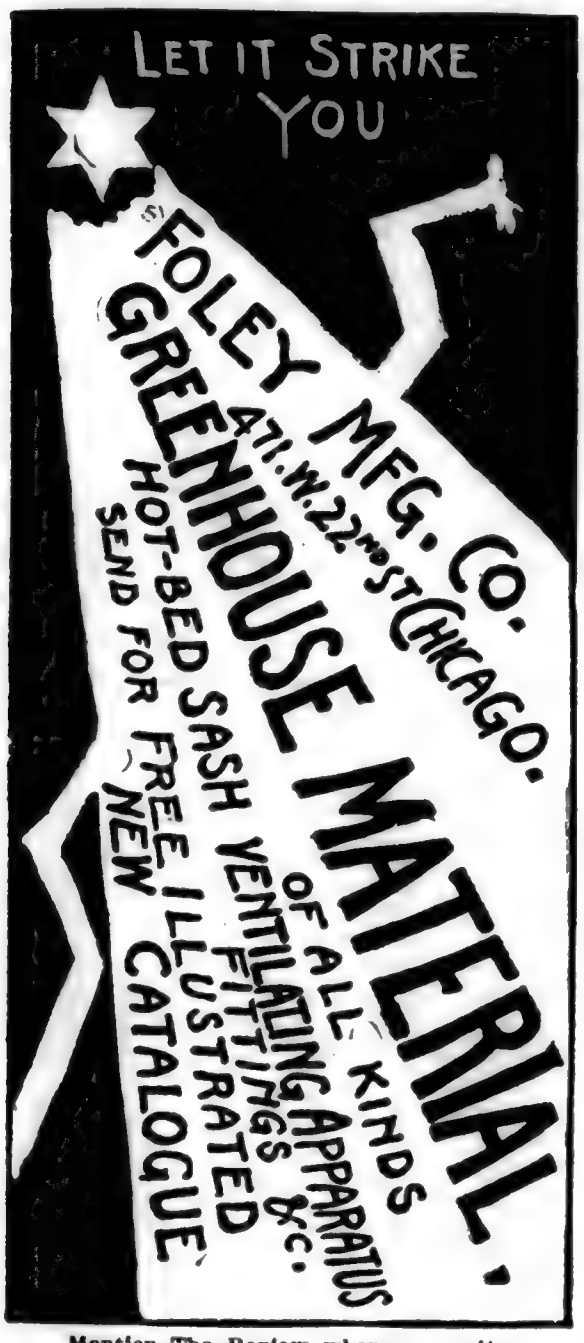
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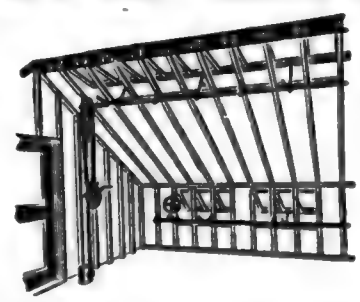
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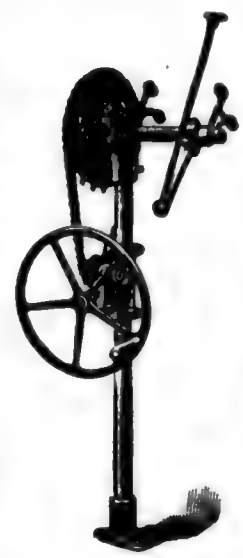
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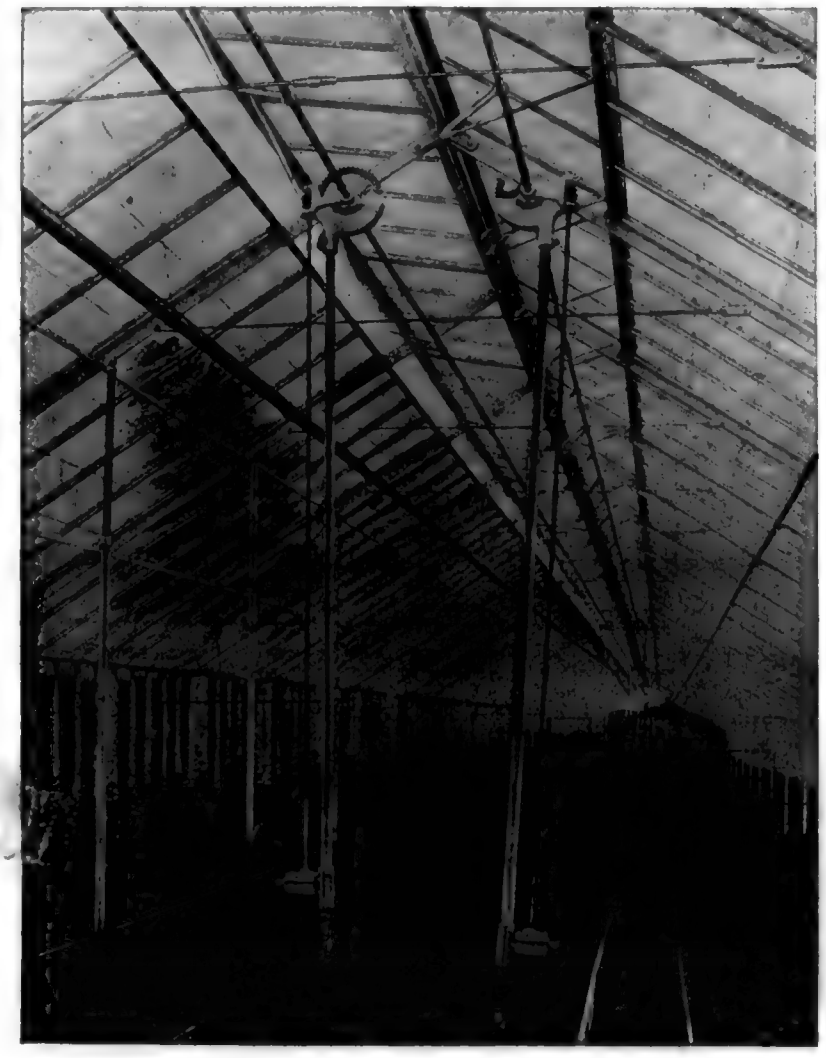


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A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, JANUARY 3, 1907. No. 475.

Aster to Zinnia

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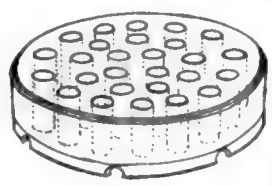
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Write for supplement to catalogue F, it will interest you.

MISCELLANEOUS SEASONABLE HINTS.

Care of the Left-overs.

Just a word about some left-over stock of which you will need a few plants later on. Save half a dozen old plants of sweet stevia. Cut them down to within six inches of the pot and stand in some cool corner. In March you will get more cuttings from them than you need.

The stools of poinsettias that have been cut, or spoiled at some decoration, place under a dry, warm bench, where not a drop of water will reach them, or a warm part of the potting shed will do as well, so long as they are kept perfectly dry. Keep them in this dry state until the first part of May. There is plenty of time to propagate after that, for next winter's crop.

Unsold plants of Begonia Gloire de Lorraine in 5-inch or 6-inch pots should be kept in a cool house, about 50 degrees at night, and slowly dried off. In May the old bulb will send up young growths which will make fine cuttings, or if the old growth is pinched off and the old soil is shaken off the bulb, they will, with care, make the largest specimen plants.

Of all unsold Christmas plants the azalea is most worth taking care of. Old, wilted flowers and seedpods should be faithfully picked off, and if the plants are started to grow they should be kept in a house where it is 60 degrees at night and daily sprayed to encourage the young growth. If any of these young, vigorous growths are taking the lead strongly over others, you can pinch them. There is plenty of time for them to branch and make several heads of bloom in place of one.

Stock for Forcing.

On some fine day bring in a good supply of Von Sion and Golden Spur narcissi. As mentioned several weeks ago, you can bring in three or four weeks' supply of these narcissi. They will receive no harm beneath a cool bench.

You can with safety now bring in a few plants of lilac. They will flower freely if given a night temperature of 60 degrees and sprayed several times a day. Marie Legraye is the easiest for early forcing.

Hybrid Perpetual Roses.

You all realize that Easter is very early this year. The later Easter arrives, the nearer we approach the natural time of blooming of our early-flowered hardy shrubs, H. P. and Rambler roses, and the less time will it take under glass to force them into flower. When, as this year, this most important floral date is early, then more time must be allowed. Therefore, I advise you to bring in your hybrid perpetual roses at once. These have been covered, root and branch, with four inches of soil and protected further with five or six inches of stable litter. We find no frost has penetrated to the roots and the wood of the stems is as plump and green as when dug. Bring them in and stand in a cool house. As there is no possibility of root action, there need be no hurry about pruning the tops. The roots and tops will start together and you will be better able to tell in a week where to cut off the canes. If too much stem is left, the lower eyes will not break at all. The sap will run to the top of the stem and your roses will have a leggy and naked appearance. If cut too low you may leave only eyes that are what we call blind; eyes that will make a vigorous growth but no flower. So if you wait a week or ten days before cutting down the canes you will be better able to see just where to prune.

The Rambler Roses.

The Ramblers are entirely different. There is little if any pruning to be done on them. If plentifully supplied with strong canes, you can cut away the wood that flowered last spring, also the unripened tips of the shoots, and that is all the pruning that is required by the Ramblers. If grown in pots last summer and you intend to give them a mulch of cow manure, delay this for two weeks, or until they are breaking their buds because the roots are as yet inactive and the plants would not be benefited by the manure.

Before the eye breaks into leaf the plants should be tied; if the canes are five or six feet long they are sure to need it. Bending the long canes spirally around three or four stout stakes is a favorite method of tying the Ramblers, but not the only way. You can trim in a fan shape, or any way your fancy may suggest. This bending the canes is not only best done before the eyes break but it induces an even break all the way up the cane. If left upright the sap would ascend to the top of the growth and a feeble growth at the base of the plant would be the result.

The Baby Rambler will be largely grown for spring sales. If you have to buy dormant plants from your nurseryman, which should be done as soon as possible if wanted to flower at Easter, pot at once and place in cool houses until some root action takes place. Gradually increase the temperature. All the pruning they will need is to shorten back the extra strong growths of last summer and cut out old wood that flowered last spring.

WILLIAM SCOTT.

OUR CREDIT SYSTEM ITS USES AND ABUSES

A Tribute to the Craft.

I deem it an honor as well as a privilege to address you upon a subject that, it seems to me, has never received the consideration it merits, either at the hands of our numerous florists' clubs or of our national society.

At the very outset, however, and before I approach the subject proper, namely, "Our Credit System; Its Uses and Abuses," I wish to premise my remarks by paying a brief tribute to the members of our craft, scattered throughout this great American continent.

It is no exaggeration to assert that there is no body of men more honorable, more honest and straightforward, than our brother florists.

It is a noteworthy fact, one scarcely requiring any proof, that during the panic of 1893, when business conditions were most deplorable, when the stringency of the money market and the general stagnation and business depression were most appalling in their consequences, when the professional calamity howlers and the unscrupulous demagogues aired their theories to their hearts' content, thereby adding fresh oil to the already kindled fire of fear and discontent, when the so called "first laws" of self-preservation began to assert themselves in a manner that brought disaster and financial ruin to many a business house; our brother florists, as a body, be it said to their everlasting glory and credit, put their shoulders to the wheel that much the harder, never thinking of joining the procession of bankrupts. It is an actual fact—and I challenge anybody to disprove it—that there were less failures, in proportion, among the florists, either compulsory or otherwise, than among any other body of business men. I could easily name a number of florists, who, during those memorable dark days, saw fit to deprive themselves and their families of things generally considered as absolute necessities, in order to meet their obligations.

Men capable of such self-sacrifice, men possessed of such moral stamina, of such business integrity and honesty of purpose need not hesitate to inscribe their names upon the roll of honor. Perhaps Pope had some gardener in view when he said that "an honest man is the noblest work of God." Of course there are exceptions, but of these later. That much for our honesty and business integrity.

Our Credit System.

Can we claim as much for our business methods, or, to be more exact, for our credit system, as compared with that of other progressive business men? Hardly. While it is true that we are keeping pace with the times in many other respects, while we are advancing steadily and uninterruptedly along lines of general progress, increasing our facilities, modernizing our stores and our greenhouses, improving our products, while we have been exchanging views and opinions as to the best methods of marketing our products, going even so far as to touch upon the ideal employer and employee; it has

A paper read by S. S. Skidelsky, of Philadelphia, before the Philadelphia Florists' Club, January 1, 1907.

never occurred to us to consider seriously the means and ways and the best methods of modernizing our credit system. A question of momentous importance to our own interests, strange to say, seems to have escaped our attention. Viewed from whatever standpoint and whatever arguments we may bring to bear upon the subject, it is undeniably true that our credit system is in its primitive state, lacking those sound, fundamental business principles which are at the basis of every sound financial or industrial institution.



The Poinsettia in this Style is One of the Best Sellers.

A Fundamental of Success.

It is said of the late Marshall Field, the merchant prince of two generations, that his first step, at the very outset of his brilliant business career, was to establish a sound credit system. A rule from which he never deviated and which, perhaps more than any other factor, was responsible for and contributed so largely towards his colossal fortune, was to collect his outstanding accounts and to meet his own obligations upon maturity.

What is true of Marshall Field, the merchant prince, holds equally true of John Smith, once upon a time the struggling market gardener, whom we now see making rapid strides along the highway of progress. The reason? Easily explained: "I pay as I go," says Mr. Smith, "and in order to be able to do this, I collect my own accounts promptly."

Simple enough in itself, yet a rule of this sort seems to constitute the cornerstone, the very foundation of one's success.

Necessity of Credit.

"To pay as one goes" does not imply, however, spot cash transactions. Such a modus operandi is no longer tenable under our present business conditions. Nor is credit as such to be despised or condemned on general principles. On the contrary, credit, well regulated and judiciously used, is a blessing and a privilege that can scarcely be overestimated. Were it not for this privilege, I venture to say, there are many among us today who would never have achieved the success they enjoy.

How often do we hear of the man, who in years gone by had made his first start in life by building his first little greenhouse on a paltry few dollars, borrowed from either friend or shark, stocking it with a few geraniums and other truck, obtained on credit from some reputable establishment or other?

If we trace the history of the successful florist of today, we can see at a glance that credit has in a large measure contributed towards his success. I say "in a large measure" advisedly, because other qualifications, such as hard work, perseverance, will-power and energy, were of equal importance as a means to his successful business career.

I reiterate, credit is a privilege that is not to be despised by any business man, no matter how conservative in his enterprise or how determined to steer clear of debt.

Credit Inspired by Confidence.

Broadly speaking, it is credit, inspired by confidence and backed by enterprise, that is responsible for the remarkable development of our natural resources—the wonder of the world. It is credit inspired by confidence, that is accountable for the prosperity which we enjoy today. Credit has been the means of launching many a successful industry, giving employment to hundreds and thousands of men. Credit has been the means of enabling many an individual to stem the tide of adversity and to rise to affluence and wealth. The struggling market gardener of a few years ago would have never, perhaps, become the successful grower of today if it were not for that blessed privilege—credit. I will go further and say that credit has been the means whereby most of our modern, mammoth greenhouse establishments have come into existence.

Credit, coupled with hard work, energy and business integrity, has made it possible for the enterprising man of today to achieve his success in much less time than it took the florist of a generation ago, by the slow "pay as you go" process in its literal sense. We are progressing, so to speak, in a geometrical ratio, by leaps and bounds, as it were, no longer satisfied to let well enough alone, no longer content, like the immortal Micawber, to wait until something turns up. We must create our own opportunities and we are doing it to our heart's content, thanks to that blessed privilege—credit.

If there is anything to be turned up we are generally inclined to take a hand in the turning process ourselves. We seem to realize that faint heart never won success; hence, fear and hesitation no longer keep us in check. If we are determined to "get there" it is seldom, indeed, that we fail in our object. But



How Sam Murray, Kansas City, Sent Out His 8-inch Lorraines at Christmas.

all good things have their limitations and what is beneficial or wholesome in some cases often produces the contrary effect in others.

The Abuse of Credit.

Assuming that credit, well regulated and judiciously used, is a privilege that the strictly honorable and enterprising business man cannot fail to make the most of, it becomes an absolute menace, often to a whole business community, when placed at the disposal of the unscrupulous trickster. To illustrate my idea: I know of a florist in the west, doing a thriving business, who seems to take especial delight in defrauding his creditors. He buys everything in or out of sight, in Holland, Belgium or New Jersey, throwing his goods on the market at prices, compared with which, those of his legitimate competitors seem prohibitory.

Here is a case of credit misapplied, the result proving detrimental not only to the man sustaining a direct loss, but to the florists in the immediate vicinity, as well.

I will cite another case. There is a florist in one of the middle states, who makes it a practice to order every new seedling carnation in sight. Unlike the careful, ultraconservative grower who pays his bills and who, as a matter of course, wants to know something about the variety offered, the man I speak of, orders indiscriminately on the principle of "something to gain and nothing to lose," never paying for the stock.

The season following, he offers rooted cuttings at a reduced price, underselling the very man he victimized, thus doing him a double injury. And yet, despite such instances, and I could cite many others, and despite the fact that tricksters, under the assumed name of florists, are encroaching upon the legitimate trade in a manner most injurious to our common interests; in our anxiety to outdo our competitors, to swell our volume of business we are inclined to take chances; we fail to discriminate, to draw the line most rigorously, as it needs to be drawn, between those worthy of our confidence and those who should be blacklisted in letters so large and conspicuous, that he who runs may read.

And right here I wish to be understood, that I am in no wise reflecting upon the honor of those, who through no fault of their own, but owing to adverse business conditions or unforeseen circumstances, were compelled to liquidate their affairs as best they could; in other words, to fail in their business. Such men deserve our sincere sympathy and it behooves us as men, and as members of a noble craft, to do all within our power to aid them.

Run the Rascals Out.

It is the scamp, not the unfortunate victim of circumstances, the man (God save the name) who lays his trap for the unsuspecting Hollander, who scans the trade papers and picks his victims to suit his own nefarious designs; it is a fellow of this sort, I say, that deserves our unqualified censure and our utmost condemnation.

Aside from the moral element involved, and, aside from the fact that scoundrelism should be discouraged on general principles, we must view the situation from the standpoint of self-interest, of self-protection. It is a duty which we owe to ourselves, to our fellow-members, to the community at large, to turn the rascals down and out. It is high time, indeed, that we realize the situation as it affects our common interests. Often the misdeeds of one miscreant will reflect upon the honor of the innocent. It is but human nature to profit by experience. If John has victimized us, it is not likely that we will place our implicit trust and confidence in Tom, notwithstanding the fact that the latter means us no harm.

It is in instances of this sort where credit not only ceases to be a blessing and a privilege, but it becomes an absolute curse; and the sooner we realize it and the sooner we devise some means and ways whereby to put an end to such abominable practices, the better for all concerned. Our trade papers can and should help us to accomplish this worthy object, for there is no means more effective, there is no weapon more powerful than the press. Under the glare of its far-reaching searchlight, human rats invariably go under cover. If credit is a privilege, that privilege must not be abused.

Fortunately, however, such men, the black sheep in our fold, are but in the minority and need not be considered in connection with our credit system, as practiced by the rank and file, the men whose honesty and honorable intentions are beyond reproach, who meet their obligations in the long run.



An Anniversary Basket of Plants.

Obligations of Debtors.

A few weeks ago I happened to meet a fellow-traveler, representing a western crockery concern, who, in the course of our conversation, said to me, "The florists are awfully slow pay. While other business men will either pay upon maturity, or else will write to the house and ask for an extension of time, the florists, as a rule, do neither; statements, letters and drafts seem to have no effect upon them. Eventually, of course, they pay, but they do so to suit their own convenience, regardless of conditions or terms."

I need hardly add that there is a deal of truth in these remarks and that the man knew whereof he spoke. As a matter of fact, and I say it without any fear or reservation, in the majority of cases, terms are honored more in the breach than in the observance.

To be sure, the average florist means well, he means to pay his bills—some time. He has good intentions; but, and here comes the rub, good intentions never were and never will be a negotiable asset. Good intentions can never pay an account. A book full of "good intentions" is no more effective and can no more sustain the stability of a business house, than a prayer of Dowie, for example, can stay the ravages of an incurable disease. Like prayer, good intentions are good enough in their place, but in this matter-of-fact world, unless backed by something tangible, something negotiable, good intentions are of no particular consequence.

It seems to me, and I say it without any fear or reservation, that some of the best men in our business have but a mistaken idea as to the duties and obligations they owe to a business house. Just because they see fit to patronize a business house it does not necessarily follow that they have the right to ignore the business terms, as laid down by that house.

I do not mean to convey the idea that I am an advocate of ironclad rules, that none but strict conditions should govern all business transactions transpiring between buyer and seller. On the contrary, I believe in liberal business methods. I believe in liberal business terms. I hold that any man, worthy of credit, is entitled to all due consideration and liberal treatment, but I likewise believe that privileges of this sort should not be abused.

Resolutions of Credit Men.

Assuming, for the sake of argument, that such a thing as a committee of credit men, appointed by, and acting under the direct supervision of the Society of American Florists were possible; assuming furthermore, that such a committee had the power to act, to pass judgment and to lay down rules and regulations in all matters pertaining to our business or credit system; would it not appeal to each and every one of us, if this committee saw fit to pass a resolution—something of the following order?

First. Resolved, that no business house is worthy of patronage unless it manifests a liberal spirit towards its patrons.

Second. Resolved, that no business house need or dare expect the good will of any florist in good standing, unless it shows consideration for and a good will of its own towards its patrons.

Third. Resolved, that no florist is entitled to credit and to all advantages accruing therefrom, unless he realizes the need of paying heed to statements, of answering business letters and of honoring drafts.

Fourth. Resolved, that any florist of good standing reserves the right to exact the most liberal terms possible, but, when once agreed upon, such terms are to be honored, not in the breach, but in the observance, and

Fifth. Be it further resolved, that if any florist finds himself in strained circumstances and is not able to meet his obligations in due time, such florist is obliged to write and explain matters to his creditors, said creditors to make all due allowances and to show all due consideration as the case might warrant.

The Florist and the "Four Hundred."

One of our greatest shortcomings in the regulation of our credit system, it seems to me, lies in the fact of our very loose methods in dealing with the "four hundreds" of our towns. It is a matter of record that society folks, while in nowise backward in following the dictates of fashion, are decidedly so in paying their flower bills.

It is not unusual to hear that, Mr. So-and-So, a prominent man about town, occupying a magnificent mansion, driving fast horses, or a $5,000 automobile, has not paid his flower bill since "June, a year ago."

Nor is it out of the ordinary to learn that Mme. Blanc, who gave Mr. Florist a carte blanche order some ten months ago, has left for the seashore, the mountains, or for Europe without giving her flower bill the least thought. "Of course," Mr. Florist tells us, "the money is good, and it won't do at all to send a second bill, much less to press for a settlement." Mr. So-and-So or Madame Blanc might feel offended. No, it won't do at all!

Then, there is another reason to be considered. There is a competitor around the corner who is just looking for the chance of carrying such accounts on his books for one or two years.

A Serious Question.

That our credit system is defective, antiquated and out of accord with our present business conditions is self-evident and need not be dwelt upon at greater length here. Nor is it my object to suggest any new methods to you or to point out the remedy. I submit this question to your own good judgment and sincerely hope that you may give it your earnest and serious consideration. It is a question that concerns us all alike, the wholesaler as well as the retailer, the man who has already made his start in life as well as the young man who bends all his energies and all his ingenuity towards that end.

Philadelphia, the horticultural center of the United States, a city whence so many good things have sprung in the past, is preëminently fit to take up the work of reform. And this is a most opportune time to undertake a work of this sort.

Our national society meets here in August. There are many good things in store for us, we may be sure of that. Some may tell us something about the ideal gardener or employer, some about conducting our stores, others about operating our greenhouses with profit. Let us hope that some good soul may tell us how to bring about the much needed reform in our credit system; a subject well worthy of the earnest consideration of the best men in our society.



White Form of the Lorraine Begonia in a 6-inch Pot.



SEASONABLE SUGGESTIONS.

Size Up Your Records.

Again the holiday time, with its hurry and anxieties, its successes or failures, is over and as you settle back to the regular routine work it is well, ere you go to planning for the coming season, to take time to go carefully over your records of cuts, sales, prices received, kinds sold, when the largest crops were on, etc.; in fact, all the different items that, taken together, go to make the complete record by which you can judge of your success or failure, and where you can improve in your methods, where you have made failures or partial successes. Do you find that your records are not complete enough, lacking in one or more things that you would like to know? Then make a New Year's resolve to rectify this and commence at once to keep a record of every item, so that you will have it at your next review, a year hence.

You see that it is none too early to make this general review of facts, for before you hardly realize it, it will be time to be starting your new stock for next season, and unless you have looked these matters over thoroughly, you will not know which is your most profitable variety, or where your best stock is, or what kind sells best, grows best, etc.

Violets in Pots.

Besides having your regular house or houses full for cutting, did you have some nice plants in pots, well established and in full bloom, for the holiday trade? I do not know what your experience may have been, but we have never found anything better than the Lady Hume Campbell for this work, as it stands a

higher temperature, makes a larger clump, holds its flowers better above the foliage, retains them longer, and really has only one objectionable point that I know of, and that is its lighter color; it is not very light if well grown. If you have not tried them as pot plants be sure and put that down, for one of the things, that you are going to try for next season, but do not rely on my say so entirely; give all kinds a trial and find out for yourself which variety you are most successful with and find the best sale for, although this latter is a thing that depends greatly on the plants' appearance, for nearly any nice plant, full of bloom, will sell readily if offered at a reasonable price.

Now, to go back, while you are considering what and how many violets you will grow for next season, be getting your soil ready for the flats for the cuttings, so that when you have come to your decision you may begin to take cuttings at once, as this is the best time, up to the middle of March.

R. E. SHUPHELT.

APHIS ON VIOLETS.

I have a house of single violets on which the young leaves are curling up. Can you tell me where the trouble is? If I am to use hydrocyanic acid gas please give me the amount for the size of house. A. E. D.

This inquiry is very indefinite, but it looks as if the black aphis were at work. If A. E. D. will examine closely he will have no trouble in ascertaining if this is the case, as he will readily find them by unrolling the leaves and also by inspecting the crown. Of course hydrocyanic acid gas is the best remedy, but the formula has been so often given that it hardly seems necessary to repeat it here. Consult your Florists' Manual if you have not the back numbers of the REVIEW.

R. E. SHUPHELT.

THE READERS' CORNER.

White Poinsettias.

Referring to your correspondents' statement, December 13, that none of the poinsettias is white, I wish to say that there is a poinsettia, creamy white, otherwise exactly like the red one. Mr. Thomas, now established for himself in New Orleans, had, some eighteen years ago, a house full of them at a private place on St. Charles avenue, New Orleans. There are also a few plants grown here (Shorb, California), but they are not half so desirable and effective as the red, or the scarlet, double variety. There is hardly a plant that surpasses these in beauty, except perhaps, Eucalyptus ficifolia, which is with us, all the year around, in bloom.

We have a tree thirty feet high which is today, December 25, covered with red flowers that can be seen for some distance. A. ROEDDER.



A Basket of Lorraine and Farleyense, Arranged by Sam Murray.

THE RETAIL FLORIST.....

CHRISTMAS PLANTS.

The Christmas trade has served to bring out again, and perhaps more clearly than ever, that flowering plants have assumed an impregnable position, even if they have not taken the leading place in holiday sales. From all parts of the country the report is that more plants were offered than ever before and that the buyers in a large proportion of cases chose them in preference to cut flowers. One of the principal reasons for the popularity of plants no doubt is their cheapness by comparison with the Christmas prices of cut stock, and another is the fact that the least enduring of our blooming plants will outlast the freshest of cut flowers, but another, and probably the strongest reason for their steady advance in popular favor, is the splendid quality of the plants now offered and the marked improvement in the way in which they are shown in the stores. The most unappreciative could not fail to approve the artistic taste now quite commonly shown in the filling of baskets and hampers, in the harmonious blending or contrasting of colors of flowers, foliage and embellishments. Add to the foregoing the undoubted fact that retailers who must look to wholesale markets for at least a part of the Christmas cut flowers can make a better percentage of profit on plants than on cut flowers, and naturally push them, and you have the whole secret of the wonderful development of the holiday business in flowering plants.

The character of the plants and plant arrangements most salable at Christmas varies with the character of the stores in which they are offered for sale. In the places where 50 cents a dozen is the price above which carnations cease to move freely it is useless to offer Lorraine begonias, but still this was the most popular plant in high-class stores, and some magnificent stock was seen. More and more growers are learning how to handle this plant and the output of finely shaped, profusely flowered plants increases each year. Ardisias were more than usually abundant this year, at moderate wholesale prices, and sold well at retail. It is notable that while many stores had cut poinsettias for which there was no call, few had enough of the pans of low, wide-headed plants. These also were in demand as table centerpieces all through the holiday season and will be still more largely grown next year. The azalea is not so valuable a plant at Christmas as at Easter; in buyers' minds it seems to be associated with the lily as an Easter flower.

Among cheaper plants, those that any one with glass can provide for himself, are cyclamens, solanums, primroses and the like. These all sold well. Mention must not be forgotten of boxwood. This pyramidal, dark green plant is imported at small cost and has become a formidable competitor of the more expensive and better known araucaria. Plants above fifteen or eighteen inches high were not so readily salable as the smaller specimens, although the price was lower considering the ratio at which prices of other plants increase with size. The boxwood is unsalable unless decorated. With a dull, unglazed Pompeian pot nothing more is needed than a bow of holly-red ribbon. Others used the ordinary flower pot and covered it with a red Porto Rican mat tied with ribbon.

In general the embellishment of plants this season was after a saner fashion than in earlier years of the plant vogue. No pot was permitted to be seen on any plant ready for delivery, but the beauty of the specimen was not obscured by fold upon fold of wrapping as was once the misguided idea of good work. The cheaper plants were sent out with a simple pot-cover of crepe paper. As the price of the plant advanced more expensive pot-covers were used and red ribbon was added. In the leading stores the best things were baskets and hampers filled with flowering plants, with enough of the things grown for their foliage, as adiantum, to afford green or colored foliage where needed. These represented a selling price of from $8 to $25, but where a dozen Beauties cost as much afforded good value in the purchaser's eyes.

The illustrations of Christmas plant arrangements in this issue of the Review are from photographs taken last week at the store of Sam Murray, Kansas City, but do not by any means show how far west from New York the vogue for plant arrangements has made its way.

Rochester, N. Y.—F. H. Walrath has sold his greenhouse business and has moved his family to Springfield, Mo.

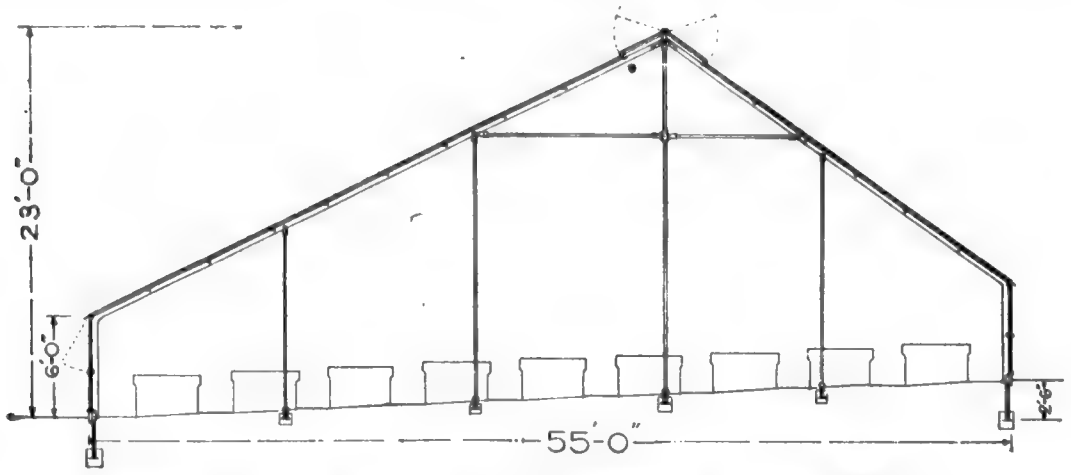
Wheeling, W. Va.—W. L. Miller has left this place to take charge of a store in Moundsville. He leaves many friends, and all wish him success.

Calais, Me.—J. R. Sederquest has a new and enterprising establishment here, consisting of a main house 18x60, another devoted to mums, lilies, narcissi, etc., 20x50, a fern house 12x25, a potting-shed 10x25, coldframes 10x30, and a boiler-house 12x22. The plant is in charge of Neils Frederickson, a native of Copenhagen and a graduate of a botanical college.

MR. CODDINGTON'S VIEWS.

A Chat on Greenhouse Construction.

How is a man to know things in this world—absolutely know before he invests several thousands of dollars in an idea that may be still in its experimental stages? The grower must be sort of a gambler—willing to take a long chance and put a theory into practice to uphold his personal views.



Section of House 55x400 of L. B. Coddington, Murray Hill, N. J.

Being determined to get at the bottom of the wide house question, I visited L. B. Coddington's range, at Murray Hill, N. J., where, along with five three-quarter-span cypress houses, each 18½x350 feet, he has two 400-footers, iron-frame, one thirty-seven and a half feet wide, and his last one fifty-five feet wide. He looked like the right man to talk wide house to, because he had tried the narrow, the wider and the widest and stood in a position to make comparisons.

Mr. Coddington has always been in the rose business and in addition to this range at Murray Hill, owns another at New Providence, N. J., of 62,000 square feet of glass area. He is one of those wiry, hustling sort of men who dig right into things—believes in spending money to save money—is familiar with the various constructions and houses of any importance all over the country; has tried erecting his own houses and having it done by the builder—he stands in a position to know things, and he does—knows them in a quiet, unassuming way that carries its own convincement. What Mr. Coddington and his wide-awake foreman told me about this last house, erected by Hitchings & Co., I want you to know. I want you to know the thoroughness with which this house was thought out and built, the superiority of the iron-frame construction and the advantages of the wide house.

"In general terms, how do you like your big house?" I asked Mr. Coddington. "Like it in every way," he replied, "and it's a satisfaction to know that such a construction gives us all possible light, that the eave line, with its metal plate and glazing bar bracket, make an indestructible joint of great strength and give a freedom from ice; that because of the framing's absolute rigidity and the care with which expansion and contraction have been taken care of, the glass breakage is practically nothing. This last house of ours has thoroughly convinced me that 400 feet is about the right length for economy in working and freedom from the complicated heating problems of the extremely long ones, which need expensive anchoring of heating pipes and all that sort of thing."

"What is the height of the ridge?"

"Let me see, the sides are six feet, with ridge twenty-two feet. You see that gives us a big volume of air up there that, when once heated, is a protection against sudden changes and preserves a more uniform temperature and humidity."

"What is all this talk about better ventilation?"

"It's absolutely true, the fresh air is more evenly distributed because there's more air for its distribution, and when it does reach the plants, it's thoroughly warmed up and acts like an insulation against chills."

"Yes, there are 50-foot runs of sash operated by one of these easy-running gears, and right here is where one of the economies in working a large house



Interior of Wide House of L. B. Coddington, Murray Hill, N. J.



Wide House of L. B. Coddington, Murray Hill, N. J.

comes in, for your men can shut down the sash in about half the time it takes to run up and down three small houses covering the same space.''

''Now, tell me about your benching.''

''Well, the house runs east and west at a perfect level, but with an inside rise of two and a half feet from south to north. Then, the first bench is only sixteen inches in height and each following bench is two inches higher, making the back one thirty-two inches. Taking this in connection with the two and a half feet of floor rise, each bench is about five inches higher than its southerly neighbor. During the shortest day you can stoop to the edge of the bench on the farthest walk and always see the sun. Then, you understand, the highest bench is perfectly easy to work without any elevation of the walk or the mighty unhandy way of straddling from bench to bench in making your cuts.''

''Let's see, how many benches are there?''

''Nine, three feet eleven inches wide, with ten walks each twenty-two inches wide. Four plants to a bench are all that can be worked to advantage and I believe thoroughly in the side walk; you make up in quality what you possibly lose in quantity—and that's another thing strongly in favor of the wide house. The quality certainly is better—and quality is what we fight for.''

''Twelve thousand plants, eh!'' I said. ''It must take a lot of wiring?''

''About eleven miles—more than I'd care to walk this cold day.

''The heating is steam—the gravity system. You see all these houses are connected with center passages and the 8-inch mains and 5-inch returns are in trenches right through them. There are two 1¼-inch pipes under each bench, two flows under one bench, two returns under the next lower, and four 1¼-inch pipes hanging on each side of the house.''

''Do you think the large house is cheaper to heat?'' Here the foreman chimed in emphatically.

''Decidedly. We haven't figured it out on a percentage basis, but here is a comparison: When there are two pipes on the 18½-foot house, then by the same token there should be four on the 37½-foot house and six on the 55-foot, but we only run three on the 37½-foot and four on this.''

''How do we account for it? Well,'' said Mr. Coddington, ''there isn't so much outdoors about the big house and then there's that big volume of heated air up there, and as I said before, once heated up it is easy enough to keep up. Yes, there is a great economy and convenience in working one of these large houses, to my mind that's one of the strongest points.

''Now you must see the workroom, we wanted it as near fireproof as possible. The siding is plaster board with a pebble-dash finish on the outside and this floor is made with iron beams and brick arches between, the whole thing cemented over. Another time we would make a solid concrete floor and no bricks. In the boiler-cellar these concrete walls were built right in the trenches without any framing, and then the cellar dirt dug out. An experiment, but it worked and saved all that expense of framing a mould.

''Yes, we are in every way satisfied with the construction of that big house. The firm that erected it knows its business and understands putting things through, as well as being pleasant to deal with. You can put me down as a firm believer in the iron-frame house, the wide house. But the next time you come, remember you are to take lunch with us.''

LEDDRA WOOD.

CARNATIONS

CARNATION NOTES.—WEST.

Care of Young Stock.

In speaking of the soil to use for potting the young carnation plants, I urged you to always bear in mind that nothing should be considered too good for them, but that they should be given every advantage possible. The same thought should be in your mind when you select the bench to set the pots on.

When obliged to throw out a lot of the blooming plants to make room for them, one is apt to throw out those that are the least promising, or those that have done the least in the past, regardless of what may have been the reason for the failure. The point is this: While of course it would seem unwise to throw out a bunch of plants that are in good condition and to keep a lot that are in a bad way, yet if the reason for the failure was poor light and poor ventilation, then it would be wiser to vacate the good bench to make room for the young plants. It would be folly to set the young plants on a bench that is so situated that it failed to grow good blooms. The young plants should have a bench that gets all the sunlight there is to be had and good ventilation. These are the two elements that promote a sturdy growth.

If you discard blooming plants to make room, don't fail to take out the soil and place in the bottom of the bench an inch of clean sand to set the pots on. To leave the soil in and set the pots on it is a lazy man's way. The drainage will be imperfect and bye and bye, when the roots fill the pots, they will go through the bottoms into the soil and a quick, soft growth will result, a bad condition to get your plants into.

Set the pots in straight rows across the bench and place the label the same as you do in the propagating bench. Be sure the first watering penetrates to the bottom of the pot. If your potting soil was in the right state of moisture, filling the pots with water once will be sufficient, but examine them and make sure. After that water only when needed to keep the soil from getting too dry. Be careful not to overwater them until the roots have worked through the soil in all directions. Shade from the sun for a few days to prevent wilting. You will have to be guided by the condition of the cuttings in regard to how long to continue shading them. Varieties that grow soft and fleshy take longer to catch hold than the wiry ones and you must shade as long as the sun wilts them. Four to six days is the usual time and in some cases a couple of days longer, during a few hours in mid-day. Look them over every day and water the dry spots with a can. You will find that where they are close to a steam pipe and where the sun

strikes them most directly they will dry out in spots and will need water perhaps every day, while at other spots water may not be needed more than once in three days or more. This is important and should not be neglected.

Any spot that will require watering more than once each day is not fit for a young carnation plant, or any other plant for that matter. Later on, however, when the sun becomes quite warm, more watering will be needed, and, in many cases, twice a day may be necessary. By plunging the pots in the sand slightly this can be partly overcome, but more sand will be required on the bench. Sand that has been used for propagating makes splendid material for this use except in case it may be full of cutting bench fungus. In that case it should not be used in the greenhouse in any way at all.

Be careful that you do not mix your varieties, of which there is always more or less danger when handling the young plants. One young plant mixed in another variety now, may mean a dozen or more plants the next season and may be the cause of no end of trouble.

A. F. J. Baur.



SINGLE CHRYSANTHEMUMS.

Every few years pleasing variations of form, or color, or type occur in the chrysanthemum, which serve to rejuvenate the interest in the flower, and, just at present, it would seem that it is the single varieties that are coming into popular favor. The singles are not a new type, but it is only within the last year or two that they have been greatly improved and brought into the limelight. The Review, a week or two ago, mentioned the great interest being taken in the singles in England and there is abundant evidence that this interest is also spreading along the eastern states of our own country, good exhibits having been made at several of the fall shows.

The big fellows will always have their admirers and the singles in no way encroach on their domain. As soon might one say that Paper Gontier will supplant American Beauty in the rose section, as to say that the single varieties will displace the giant exhibition sorts. But the singles have a place and satisfy for a time the longing for variety and change that, like hope, seems to "spring eternal in the human breast."

We now have in the single varieties every shade of color found in the other types and not a few unusual shapes. Some varieties, notably Edith Pegram, have two well defined rings of color in the flower, and in others the contrast between the eye, or disc, and the petals is striking and beautiful, the pure white varieties often having a golden yellow eye, the yellow kinds showing a large green eye, and so on.

The flowers of one variety I grew this year, Cecil Denyer, are the exact representation of a cactus dahlia, while another, Dorothy Fortescue, produced flowers that, saving for color, are an exact representation of the flower of the poinsettia. Some of the varieties are deliciously scented, so much so, in fact, that bees were a nuisance in the houses where the plants were in flower.

While the flowers would get damaged, more or less, if grown entirely outside in the northern states, yet I think that there is an immense stretch of country where they will do finely and produce a wonderful wealth of color without any protection whatever.

It will, however, be as pot plants that singles will find most favor in the northern markets. So grown they are very beautiful and can be used in any kind of a decoration with telling effect. I have been asked whether they can be used for cut flower work, and I answer most assuredly, yes. Grown in a bench they can be cut in long, graceful sprays which sell readily, and many of the progressive growers that watch the market closely are preparing to grow them extensively next year. Another season will see them in regular supply in several of the larger cities and their decorative value will then be fully established.

Some of the most effective varieties as they grew with me were as follows: white, Gertrude, Nancy Perkins, Harold Shaw, and Miss T. C. Warden; yellow, Sir George Bullough, Kitty Bourne, Pretoria, Arthur Thorne and Golden Star; pinks, Mrs. E. Roberts, Edith Pegram, F. W. Smith, Ladysmith, Mrs. Ferguson and Herbert Henderson. Of odd colors there are several fine ones: Rev. W. E. Renfrey, crimson maroon; Crown Jewel, bronze; Earlswood Beauty, primrose; Felix, a very large, crimson bronze; J. T. Angus, deep cerise; Mrs. Baillie, chestnut, and Mary Richardson, deep salmon.

When they are better known, many a florist will find them money-makers, and, particularly, those florists who retail the stock they grow direct on the establishment, as they sell themselves if people can see them growing naturally.

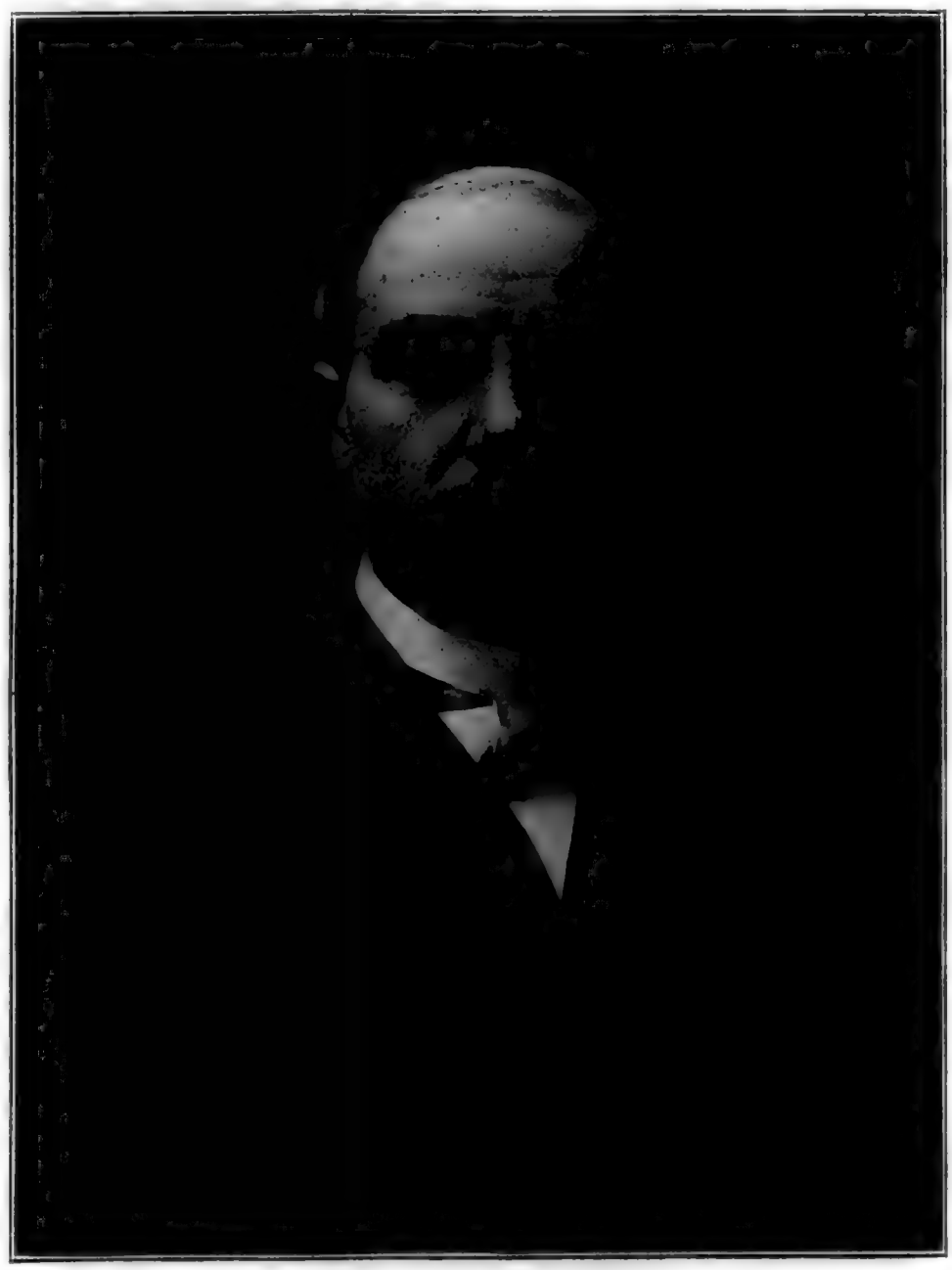
Charles H. Totty.

PREPARING STOCK PLANTS.

Will you tell me how to prepare chrysanthemum stock plants for propagation? When the old plants are dug up should all suckers and sprouts be removed and only the bare root planted, or should some of them be left to give the roots a start? If they are to be stripped, should it be done when dug up, or left until they are planted out for cuttings?

W. C.

It is our practice to cut off all flower stalks and hard wood and to remove all



John K. M. L. Farquhar.

suckers or root sprouts which are more than an inch long at the time of lifting the chrysanthemum plants which are to be held for propagating purposes. If they are stored under the benches they are placed in the coolest houses, near the edge of the walk, where they receive some light. The amount of water given and the extent to which they are pushed depends upon the season the cuttings are desired. The aim always is to secure close-jointed, thick-stemmed, stocky root sprouts for cuttings at the proper season. A stocky root sprout two or three inches long is very close to the ideal mum cutting. L. C. C.

SOCIETY OF AMERICAN FLORISTS.

Executive Committee Appointments.

The official year of the Society of American Florists begins January 1. President W. J. Stewart has announced the appointment of Samuel Murray, of Kansas City, and J. K. L. M. Farquhar, of Boston, as members of the executive committee to succeed Theodore Wirth and H. H. Ritter, whose terms expired December 31. Mr. Wirth had previously been reappointed by Mr. Kasting to succeed P. J. Hauswirth, who resigned as a member of the executive committee a few days before taking office as secretary. The executive committee therefore now is constituted as follows: One year, E. V. Hallock, Queens, N. Y.; W. H. Elliott, Brighton, Mass.; two years, F. H. Traendly, New York City; Theodore Wirth, Minneapolis; three years, Samuel Murray, Kansas City; J. K. M. L. Farquhar, Boston.

Of the new appointees, Samuel Murray is the only retail florist on the board. He is one of the best known florists in the country, for his thorough business methods and for his progressive conservatism, as well as for the large volume of his trade and the originality and fine artistic taste displayed in all his work. It may well be said that he is an example of what a retail florist should be, a leader, not only of the craft west of the Mississippi, but of the whole country as well. Mr. Murray has been a frequent attendant at the S. A. F. conventions, but his characteristic modesty is such that his name seldom has appeared in the reports of discussions; he ever has been more ready to listen to the opinions of others than to voice his own. His counsel will be of utmost value to the society.

J. K. M. L. Farquhar is a member of the firm of R. & J. Farquhar & Co., seedsmen. He is intimately acquainted with those in all departments of the trade in the east because of his many lecture tours among them. Mr. Farquhar is widely traveled, has visited every country of the globe where things of horticultural interest may be seen. Dozens of times a year he is called upon to deliver one or another of his illustrated lectures before the horticultural societies or florists' clubs of the east. He is a life member of the S. A. F.



Samuel Murray.

NEW BEGONIAS.

In a European contemporary's account of a visit to the establishment of James Veitch & Son, Chelsea, near London, we find the following interesting note on new begonias:

"The great attraction at Feltham just now is found in a number of the smaller span-roofed houses devoted to winter-flowering begonias. The majority of the Veitchian group of winter-flowering begonias have been raised as a result of crossing Begonia socotrana with a tuberous variety, and it is with this section we are for the present most concerned. Now that Begonia Gloire de Lorraine is so commonly grown and so easily managed, the wonder is that these larger-flowered varieties with single or semi-double blooms in various shades of pink, rose and bright carmine do not figure more largely. Several capable gardeners who have paid special attention to the habit of the plants, who have remembered these are neither wholly tuberous or fibrous-rooted, and who have not over-potted or over-watered them on the one hand, nor absolutely dried them off on the other, have found no real cultural difficulties, but they have been rewarded by fine displays of plants during the winter. We venture to predict that, ere long, this race of winter-flowering begonias will become almost as popular as B. Gloire de Lorraine and its varieties. Meantime those who wish to grow something equally as good and less common than the latter should try the following varieties:

"The earliest to flower is John Heal, a variety of neat habit, and that carries a profusion of light carmine-rose colored single flowers. Either in 3-inch pots, for table decoration, or in larger size for vases or for the corservatory, this is a famous plant, and it has the unusual merit of holding its flowers until they shrivel; the blooms do not drop even under the influence of fog or gaslight. Mrs. Heal has larger flowers, and is one of the brightest of the set, its blossoms being rich carmine tinged with orange. Julius is remarkably free, and a taller grower than the foregoing, and its semi-double flowers of a charming pink shade are suggestive of oleander blossoms. Winter Perfection has flatter flowers than Julius, and these are of a deeper and rosy pink hue; it is a fine plant and flowers freely. Ensign has carmine-colored flowers, and these stand well when cut. Ideala is one of the earlier varieties, and so also is Success; both have rosy carmine flowers, but are quite distinct.

"Two other begonias of considerable merit are B. Agatha and B. Agatha compacta. These are more nearly akin to B. Gloire de Lorraine, but of more compact habit, exceptionally free flowering, rather brighter color, and with bright yellow anthers and stamens. The former

was raised by crossing B. socotrana with B. Nuttalense.

"The work of raising new varieties proceeds steadily, and we were shown a small batch of a new seedling in which the flowers were large, single and of a soft orange shade. For its color alone this is a most desirable addition, while as a parent it will probably be of special value and interest."

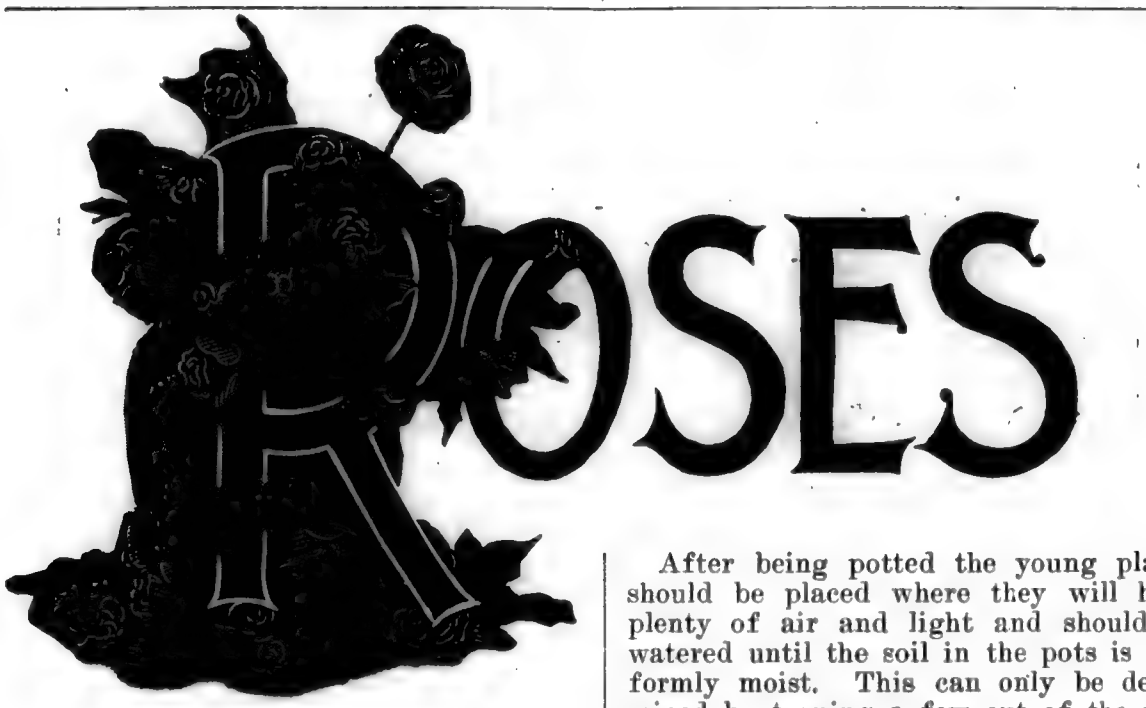
CATTLEYA LABIATA CANDIDA.

Cattleya labiata var. candida is a beautiful and attractive variety which flowered in Julius Roehrs Co.'s large collection of orchids in October of this year, among a lot of semi-established plants. It is a vigorous specimen, considering that the leading bulb gave two succeeding leads in sheath, of which one was in flower at the time the photograph was taken, giving four flowers on one spike. The second sheath, which flowered three weeks later, threw three more flowers on one spike, the plant being established in a 5½-inch pot.

Sepals and petals are almost pure white. It is a finely shaped flower, with a splendidly tinged purple lip in the back part of the throat.

Several other splendid varieties were in flower at the same time, such as Cattleya labiata var. Mrs. Julius Roehrs, also a fine form of this useful species of orchid, which was exhibited in Boston this fall, at the Massachusetts Horticultural Society's chrysanthemum show.

Thomas Knight.



PROPAGATING BEAUTIES.

Owing to the large foliage and extra size of the cuttings, Beauty cuttings require more room in the bench than most other varieties. Because of the large foliage, unless they are set widely apart they retain the moisture too long, causing spot and rotting the leaves. Wherever these leaves overlap the foliage will become yellow and, in consequence, be of no more use to the cutting. For this reason great care must be exercised in watering, syringing and ventilating so that the foliage may be entirely dry before night.

To preserve the leaves on Beauty cuttings requires constant care and watchfulness, particularly as regards the temperature of the sand and house, as cuttings which have lost their foliage, although they may be nursed along and grown into presentable plants, never possess that vitality so essential to successful Beauty culture. A temperature of 62 degrees in the sand with a house temperature of 52 degrees to 54 degrees will cause a good root formation in twenty-eight or thirty days without in the least impairing the vitality of the plants or causing them to shed their leaves.

The foliage being large and requiring a fair supply of water to keep it fresh, should also for the first ten days, or until the callus has formed, be shaded from intense sunshine, after which the shading can be entirely removed.

No delay should take place after the roots have formed until they are potted as this rose, above all others, being of such a rank growing nature, if checked at this stage will scarcely ever recover sufficiently to make a plant fit for benching.

After being potted the young plants should be placed where they will have plenty of air and light and should be watered until the soil in the pots is uniformly moist. This can only be determined by turning a few out of the pots and examining the balls.

If the weather is bright they should be shaded from bright sunshine until root action has recommenced, when the shading should be entirely removed. They succeed well in a temperature of 56 degrees to 58 degrees at night, with a day temperature ranging from 65 degrees to 80 degrees, according to intensity of sunshine.

Being of quick growth they should always have plenty of space on the bench to insure a free circulation of air among the foliage and so secure a stocky growth.

Ribes.

HYBRID PERPETUAL ROSES.

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It will do no harm if the tops of these roses should be frozen. We know the hybrid perpetual roses and Ramblers are subjected to zero weather during the winter, without harm, and the roots, or rather the soil around them is often tight, but when dry the roots should never be frozen. There are many trees and shrubs, perfectly hardy, the roots of which must often freeze solid during winter; but they are in a natural state, gradually and naturally thawing out, and receive no harm. But it is quite a different condition when the roots are deprived of their natural element, the soil, and then exposed to frost.

Nurserymen, I know, are particular



Cattleya Labiata Var. Candida.

that the roots of young trees and shrubs should not be exposed to frost, so instruct the parties you buy from to well protect the roots. As soon as received lay them in a frame in five or six inches of soil and cover the roots carefully and four or five inches up the stem. Leave them there till the first week in March. If the frame is covered with sash, give ventilation on all bright, warm days, or the eyes may get a premature start. Early in March pot them and start in a cool house. The hybrid perpetuals will want to be cut down to within six inches of the pot, but you need not do this till you see the eyes swell, when you can tell better just how high or low to prune them. The Ramblers will not want any pruning except to shorten back the ends of the unripened tops of the canes. Pot firmly and the first two weeks under glass syringe frequently. W. S.

HOLLYHOCKS.

History of the Flower.

Some little time ago I had the pleasure of inspecting the cultivation of hollyhocks in their latest and most improved form at the nurseries of Messrs. Webb & Brand, Saffron Walden, England; although I had seen double hollyhocks grown for some years, the named sorts in these nurseries were a great surprise and source of gratification to me.

As is well known, these nurseries are famed, and enjoy a higher reputation for hollyhocks than any other horticultural concern. Hollyhocks became associated with Saffron Walden nearly a hundred years ago, through the efforts of the local shoemaker, who cultivated them, hybridized and raised new varieties. It appears that two double forms, and two only, had been known to cultivation for 300 years before this shoemaker commenced to cross these two, and raise other double forms. After a time the local seedsman, Wm. Chater, became interested in this amateur's work, and there we have the origin of Chater's improved double hollyhocks, known to every horticulturist. Publishing his first catalogue of named varieties in 1847, he yearly added improved sorts until about 1873, when the hollyhock fungus made its appearance.

This disease for a time quite mastered Mr. Chater and many of his best varieties were lost. For many years no plant could be obtained free from the disease and hollyhocks were rarely seen; but for some years now George Webb, of Webb & Brand, has improved the few remaining varieties of Chater, and also discovered a mixture and a method of cultivation by which the disease can be combatted and prevented.

Propagation.

Before the disease made its appearance, hollyhocks were propagated by means of cuttings, grafting, budding, and by seed, the three former methods requiring the old plants to be wintered under glass, but these processes simply propagated the disease and ruined the plants, consequently seed became the only successful method of increase. Mr. Webb has by selection and cross-fertilization obtained a class of named varieties of every color, except blue, which will come ninety per cent true to color and form. By continual selection and application of his own mixture for checking the disease, the plants he sends out and the plants obtained from his seed are practically immune from any attack of disease. Briefly, his methods are the following:



Basket Arranged by J. J. Foley, New York.

Culture.

The seed is sown in the open ground, in single drills, on well prepared soil, made fine and rich. During the months of May and June, if the weather is favorable, it will soon germinate and form one single taproot. When this gets the size of a cedar pencil the plants are slightly raised and this taproot severed. This process will cause the plant to form a large quantity of surface fibers, when it will at once grow and make large base leaves. As soon as this growth commences they should be shifted to their flowering quarters.

Hollyhocks want a deep, rich, heavily manured soil. It must be well dug to the depth of two feet. Cow manure is the most suitable fertilizer. They enjoy a soil of a fairly heavy nature, and one that will hold moisture well. The final transplanting is done not later than the beginning of September. The hollyhock is only hardy in winter when firmly established. Then it can stand any amount of frost. They want plenty of room, quite three feet apart each way. The plants are sometimes attacked by grubs which work from the root into the center of the stem, causing the plant to rot off. A sharp lookout must be kept for any plants which may be found flagging from this cause, and a dressing of lime or some other grub remedy be applied.

If at all a dry season the plants will well repay a frequent heavy watering or a heavy mulching. For exhibition spikes the buds must be thinned out, and the spike made even and shapely. Webb & Brand get massive, well-filled spikes with sometimes four feet of blooms.

If they are intended to bloom a second year, the eyes on each crown will need protection from snow and rain.

Diseases and Remedies.

Further than the above method of growing from seed nothing is required.

In addition to the disease mentioned, there is another trouble in the form of a disease that attacks the plants just as they are coming into bloom. The plant simply withers and dies in a few hours, similar to the sleeping disease in tomatoes, only acting quicker. Mr. Webb says this is the result of overfeeding.

A dressing of tobacco powder and carbolic acid mixed together, sprinkled on the under surface of the leaves, is one preventive for the fungus disease, and will also destroy the red spider, from which the plant is much troubled. The following is the recipe which Mr. Webb regularly uses: One bushel slaked lime, one peck of soot, two pounds flour of sulphur, two ounces sulphate of copper finely powdered. Allow the lime to cool before mixing well together. Apply during cool, dull weather, using a French bellows.

Best Sorts.

The following is a list of named sorts, recommended as being the finest of their color and the best double shape, free from any trace of disease: Amaranth, amaranth-pink; Alfred Chater, mottled rose; Apple Blossom, white tinted pink; Black Knight, black; Constance, salmon rose; Crimson Queen, dark crimson; Fire King, brilliant red; Joy, cerise; Ovid, clear rose; Miss Lizzie King, yellow; Peri, sulphur; Talisman, cream. J. B.

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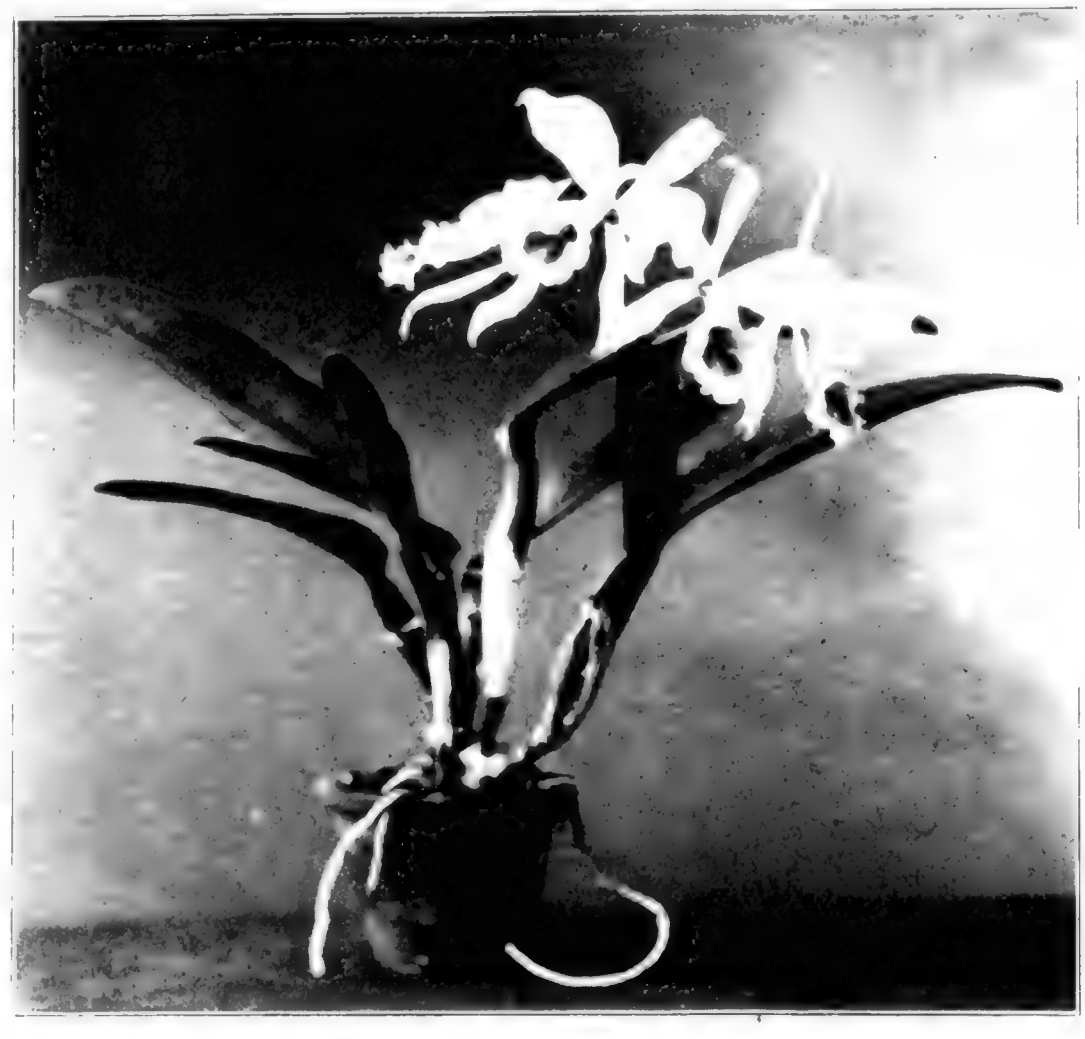
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History of the Flower.

Some little time ago I had the pleasure of inspecting the cultivation of hollyhocks in their latest and most improved form at the nurseries of Messrs. Webb & Brand, Saffron Walden, England; although I had seen double hollyhocks grown for some years, the named sorts in these nurseries were a great surprise and source of gratification to me.

As is well known, these nurseries are famed, and enjoy a higher reputation for hollyhocks than any other horticultural concern. Hollyhocks became associated with Saffron Walden nearly a hundred years ago, through the efforts of the local shoemaker, who cultivated them, hybridized and raised new varieties. It appears that two double forms, and two only, had been known to cultivation for 300 years before this shoemaker commenced to cross these two, and raise other double forms. After a time the local seedsman, Wm. Chater, became interested in this amateur's work, and there we have the origin of Chater's improved double hollyhocks, known to every horticulturist. Publishing his first catalogue of named varieties in 1847, he yearly added improved sorts until about 1873, when the hollyhock fungus made its appearance.

This disease for a time quite mastered Mr. Chater and many of his best varieties were lost. For many years no plant could be obtained free from the disease and hollyhocks were rarely seen; but for some years now George Webb, of Webb & Brand, has improved the few remaining varieties of Chater, and also discovered a mixture and a method of cultivation by which the disease can be combatted and prevented.

Propagation.

Before the disease made its appearance, hollyhocks were propagated by means of cuttings, grafting, budding, and by seed, the three former methods requiring the old plants to be wintered under glass, but these processes simply propagated the disease and ruined the plants, consequently seed became the only successful method of increase. Mr. Webb has by selection and cross-fertilization obtained a class of named varieties of every color, except blue, which will come ninety per cent true to color and form. By continual selection and application of his own mixture for checking the disease, the plants he sends out and the plants obtained from his seed are practically immune from any attack of disease. Briefly, his methods are the following:



Basket Arranged by J. J. Foley, New York.

Culture.

The seed is sown in the open ground, in single drills, on well prepared soil, made fine and rich. During the months of May and June, if the weather is favorable, it will soon germinate and form one single taproot. When this gets the size of a cedar pencil the plants are slightly raised and this taproot severed. This process will cause the plant to form a large quantity of surface fibers, when it will at once grow and make large base leaves. As soon as this growth commences they should be shifted to their flowering quarters.

Hollyhocks want a deep, rich, heavily manured soil. It must be well dug to the depth of two feet. Cow manure is the most suitable fertilizer. They enjoy a soil of a fairly heavy nature, and one that will hold moisture well. The final transplanting is done not later than the beginning of September. The hollyhock is only hardy in winter when firmly established. Then it can stand any amount of frost. They want plenty of room, quite three feet apart each way. The plants are sometimes attacked by grubs which work from the root into the center of the stem, causing the plant to rot off. A sharp lookout must be kept for any plants which may be found flagging from this cause, and a dressing of lime or some other grub remedy be applied.

If at all a dry season the plants will well repay a frequent heavy watering or a heavy mulching. For exhibition spikes the buds must be thinned out, and the spike made even and shapely. Webb & Brand get massive, well-filled spikes with sometimes four feet of blooms.

If they are intended to bloom a second year, the eyes on each crown will need protection from snow and rain.

Diseases and Remedies.

Further than the above method of growing from seed nothing is required.

In addition to the disease mentioned, there is another trouble in the form of a disease that attacks the plants just as they are coming into bloom. The plant simply withers and dies in a few hours, similar to the sleeping disease in tomatoes, only acting quicker. Mr. Webb says this is the result of overfeeding.

A dressing of tobacco powder and carbolic acid mixed together, sprinkled on the under surface of the leaves, is one preventive for the fungus disease, and will also destroy the red spider, from which the plant is much troubled. The following is the recipe which Mr. Webb regularly uses: One bushel slaked lime, one peck of soot, two pounds flour of sulphur, two ounces sulphate of copper finely powdered. Allow the lime to cool before mixing well together. Apply during cool, dull weather, using a French bellows.

Best Sorts.

The following is a list of named sorts, recommended as being the finest of their color and the best double shape, free from any trace of disease: Amaranth, amaranth-pink; Alfred Chater, mottled rose; Apple Blossom, white tinted pink; Black Knight, black; Constance, salmon rose; Crimson Queen, dark crimson; Fire King, brilliant red; Joy, cerise; Ovid, clear rose; Miss Lizzie King, yellow; Peri, sulphur; Talisman, cream. J. B.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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If "A Subscriber" who wishes to know the best style of house to add on the south of his present range, will address any of the firms advertising greenhouse material, and not forget to sign his name and address, the advertiser doubtless will take pleasure in advising him.

The address of the secretary of the Society of American Florists now is, P. J. Hauswirth, 13 Congress street, Chicago.

OBITUARY.

Miss Elsie Biggam.

Miss Elsie Biggam, daughter of Mrs. M. A. Biggam, of Leavenworth, Kan., died December 28. She was a popular young lady and leaves a large circle of sorrowing friends. Mrs. Biggam has the sympathy of the trade.

Charles Barton.

Charles Barton, night watchman at R. Wessling's greenhouse, at Minneapolis, Minn., died December 26 as a result of burns. He was on his way to the boiler-room, carrying a lantern, when he stumbled and fell. While unconscious the lantern exploded, covering him with oil. Firemen soon arrived, but too late to save his life.

A GERMAN VIEW.

The opinions of a rosarian published in a German journal concerning the celebrated new roses, Richmond, Liberty and Gen. MacArthur, may afford interest to our readers. The writer states that: In the summer of 1905 he budded several dwarf stocks of the dog rose with the variety Richmond, standing in carefully prepared land. The plants were not attacked by mildew this year, from which fact it must not be inferred that it is mildew-proof. There is great similarity between the flowers of Richmond and Liberty, and the growth of the former is more vigorous than of the latter. As regards floriferousness these two are about equal.

Breeders of roses have in recent years been endeavoring to raise hybrid teas with blooms equalling our dark, velvety hybrid perpetuals, or at the least closely resembling these, but this aim has been as little reached in Richmond as in Liberty. Of all the new varieties which have as yet been brought into commerce, Etoile de France comes nearest to this ideal. It is a fuller bloom than either, is certainly a stronger grower, and it produces flowers continuously till stopped by frost; the color is dark and texture velvety. As an early forcer Richmond is to be preferred to Etoile de France, for, being less full, the buds open more quickly. Apart from this fact most rosarians would prefer the latter.

The variety Gen. MacArthur came out at the same time as Richmond, and the beautiful dark velvety blooms that appeared in the summer months gave rise to great expectations, only to be dissipated in the autumn by the extreme paleness of the tint.—Horticultural Trade Journal.

EVERY now and then a well pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
520-40 Caxton Bldg. Chicago

A NEW HYBRID TEA ROSE.

Of the four new hybrid teas distributed by M. Pernet-Ducher, the famous French raiser, in the autumn of 1905, Mme. Mélanie Soupert is facile princeps; moreover, it is quite distinct from any other variety with which I am acquainted. Perhaps fault will be found with it on account of its extreme variation of coloring, but this seems peculiar to many of the newer hybrid teas, of which Prince de Bulgarie may be cited as a notable example.

My best flowers of Mme. Mélanie Soupert were cut early in July, before the effects of the hot, scorching weather had begun to make themselves felt. The buds of this rose are long and pointed, and open into semi-double, globular flowers with large, deep petals; on the outside these are a soft salmon-white tinged with light carmine-rose, and on the inside a light apricot-pink with a most vivid yellow base, almost the color of the Austrian Yellow briar. Later on in the season, however, all these charming tints were lost, due most probably to the extreme heat and drought, and I should judge that in a cool season this rose will be seen at its best. Certainly the first flowers were of exquisite beauty, and it was a considerable disappointment that the later ones should have had rather a washed out appearance. The growth of the plant is in every way satisfactory, and the flower stalks strong and upright. The foliage is a dark, bronzy green; the wood strong and of vigorous branching growth. Should its coloring prove constant there should be a great future for this rose. In general habit it reminds me of Killarney.—Gardeners' Magazine.

COLUMBUS, OHIO.

Christmas trade was better than last year, with plenty of stock. Brides, Maids and Gates sold readily at $3 to $4 per dozen, retail. Carnations brought $1.50, except Enchantress, which fetched $2 to $2.50 per dozen. Narcissi, Romans, stevia and sweet peas all cleaned up at good prices. Poinsettias with bracts fifteen to seventeen inches across on stems four feet long and with fine foliage sold for $5 to $6 per dozen; smaller ones, $3. There was a good demand for pot plants. Gloire de Lorraine begonias in 8-inch pans sold easily at $4.50 to $6 each. Cyclamens in 7-inch and 8-inch pans with thirty to forty flowers brought $2.50 to $4 each. Poinsettias in pans, primroses, cinerarias and azaleas all sold at good prices. H.

FOR FIVE YEARS.

Kindly place the enclosed check for $5 to my credit on subscription to the Review for five years in advance.—W. A. Hammond, Richmond, Va., Dec. 28, 1906.

Ironton, O.—Mr. Ullrich, of Ullrich & Peet, lost his wife December 30.

Carnations

We have large supplies of A-1 quality; in fact, the superior character of our stock is a matter of general comment in the market.

Beauties

A fine crop just starting. We shall have lots of splendid Beauties all through January.

FINE BRIDES AND MAIDS IN GOOD SUPPLY

HEADQUARTERS FOR ALL GREEN GOODS
VIOLETS AND VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

		Per doz.
AMERICAN BEAUTIES		
Stems, 30 to 36 inches		$5.00 to $6.00
Stems, 20 to 24 inches		3.00 to 4.00
Stems, 12 to 16 inches		1.50 to 2.00
Seconds		.75 to 1.00
Bridesmaid	per 100,	4.00 to 12.00
Bride	"	4.00 to 12.00
Chatenay	"	4.00 to 12.00
Golden Gate	"	4.00 to 12.00
Richmond and Liberty	"	6.00 to 15.00
Carnations, select	"	2.00 to 3.00
" large and fancy	"	4.00 to 6.00
Miscellaneous Stock		
Violets, N. Y. double	"	1.00 to 1.50
" single	"	1.00 to 1.50
Valley, select	"	2.00 to 4.00
Callas	per doz.	1.50 to 2.00
Harrisii	"	2.00 to 2.50
Mignonette	"	.50 to .75
Stevia	per 100,	1.50 to 2.00
Sweet Peas	"	1.00 to 1.50
Romans	"	3.00
Paper Whites	"	3.00
Bouvardia	"	2.00 to 6.00
Jonquils	"	5.00 to 6.00
Decorative		
Asparagus Plumosus, per string		.35 to .50
" " per bunch		.35 to .75
" Sprengeri	per 100,	2.00 to 5.00
Adiantum	"	1.00

Smilax, per 100, $15.00....per doz. 2.00
Ferns, per 1000, $2.50; per 100, 25c.
Leucothoe Sprays, per 1000, $6.00; per 100, 75c
Galax, green and bronze, per 1000, $1.00
" " " " per case, 10,000, $9.00
Boxwood.....35c per bunch; $7.50 per case

Subject to change without notice.
Store open 7 a m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

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CHICAGO.

The Great Central Market.

The days following Christmas were a distinct disappointment to most of the wholesale houses in this market and, by the same token, to the growers whom they represent. The demands were not up to the sanguine expectations engendered by the enormous Christmas business. The carnation growers, especially, failed to realize on their hopes. There was comparatively little doing locally and the out-of-town demand, like that in the city, was almost exclusively from the best buyers, indicating that the Christmas drain upon the customers of the small retailers exhausted their resources, especially as compared with the between-holidays prices of cut flowers.

New Year's brought quite a little extra demand and Monday saw a lively market, but prices were several notches lower than at Christmas. Most of the stock was of splendid quality and by night the market was pretty well cleaned up except on the same lines that proved in oversupply for Christmas: white carnations, Paper Whites and other bulb stock. The charity ball New Year's eve helped many of the retailers and the market in general. Choice material for corsages was wanted, but the principal call was for decorations for the many fashionable dinners which preceded the dance.

After New Year's the market opened at a decidedly lower level of prices, although roses are holding up well in view of the largely increased supply. Beauties are of excellent quality and fairly abundant. There are now heavy cuts of Maid and Bride and quality is excellent in spite of the fact that we have had little sun. Killarney is superb and Richmond plentiful. The best still fetch $3 a dozen. Not so many Chatenay are seen as last year, but they are fine.

Poinsettias have been a glut since Christmas. There are so many of them that it is impossible to clear them out, although they have been used for many table decorations. The carnation crops are heavy, as judged by recent standards, and there is much good stock available. Violets were in short supply a few days following Christmas, but soon became equal to all requirements, as it was reported Chicago was better than any other market for Christmas. Callas have become quite plentiful, but Harrisii are not abundant. There are Paper Whites and Romans more than the market needs. A few tulips are seen and jonquils have made their appearance, selling briskly. Some splendid mignonette is offered. Stevia is passing.

There is a fair call for green goods, but the best demand is for bunches rather than strings.

Kennicotts to Move.

Shortly after it was announced that Marshall Field had bought the Lemoine block on Randolph street, the tenants were advised that the Field estate would not renew any of the leases. Kennicott Bros. Co. has occupied the basement of the building for seven years, but its lease expires next May. G. H. Pieser has had an eye open for a favorable location and a few weeks ago closed a lease on the large basement at 48 and 50 Wabash avenue. A part of the arrangement was that the landlord should construct a new entrance and make other improvements. It appears that to make the changes the other tenants and city building department had to be reckoned with, and this has caused delay, but the plans now suit all parties and the work is under way. It is the intention of the Kennicott Bros. Co. to move as soon as the remodeling is completed. The new quarters will be practically the same size as those at present occupied and excellently adapted to the cut flower business.

A Change in Policy.

Peter Reinberg has practically confined himself to growing roses and carnations and has been one of the best customers of some of the other wholesalers, for a certain proportion of his customers insist in looking to him for all their needs, in spite of the fact that he has not listed anything but roses and carnations in his price list. But now he plans to diversify, adding to his products until he has a full line, if results are up to expectations. Leonard Kill says arrangements have been made for pips for forcing a liberal supply of valley all this season, and other stock will follow; even violets may be tried. Mr. Reinberg says he probably shall not build this year, although he says he is in a receptive mood if any one wants to submit cheap prices on glass.

Smilax Goes the Limit.

J. W. Wolfskill is the proprietor of a fine store at Los Angeles, Cal. He has been in the growing end of the business for some time, but only recently opened the store, fitted up in the most approved fashion and handling a full line of the best stock. Twice since the

ROSES

A Big Crop and Splendid Quality

ALSO EVERYTHING ELSE THE MARKET AFFORDS

Prompt attention to all orders, large or small, for fancy or for short

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Over 40-inch, select	$8.00
36-inch, select	6.00
30-inch, select	5.00
24-inch, select	4.00
20-inch, select	3.00
18-inch, select	2.50
15-inch, select	2.00
12-inch, select	1.50
Short stem, select	$0.75 to 1.00

ROSES	Per 100
Maid, Bride, Chatenay, select	$12.00
" " " first	10.00
" " " medium	$6.00 to 8.00
Richmond, Killarney, select	25.00
" " first	18.00 to 20.00

ROSES	Per 100
Richmond, Killarney, medium	$12.00 to $15.00
Sunrise, Perle, Gate, select	10.00
" " " " first	6.00 to 8.00
Short stem Roses, good	4.00

Special long stem roses charged accordingly.

CARNATIONS	Per 100
Extra fancy Enchantress, Prosperity, Red, Lawson and White	6.00
First quality	$4.00 to 5.00
Split and short stems	2.00 to 3.00
Harrisii	20.00
Tulips, Proserpine	5.00
Narcissus	3.00
Daffodils	5.00

	Per 100
Romans	$3.00
Valley	$4.00 to 5.00
Violets	1.00 to 1.50
Mignonette, large spikes	8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, fancy Croweanum	2.00
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings	each .50 to .60
Ferns	per 1000 2.50
Galax	per 1000 1.50
Leucothoe	1.00
Chrysanthemum Merry Xmas, per doz	2.00 to 3.00

Subject to change without notice.

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

Mention The Review when you write.

opening he has ordered wild smilax of Kennicott Bros. Co., two cases going out by express last Saturday night. Surely that is the limit for the Alabama green. The express rate Chicago to Los Angeles is $11.50 per hundred pounds, so that Mr. Wolfskill pays fifteen per cent more for charges than the cost of the goods—and wild smilax at $5 per case in Chicago has already paid one good toll to the express company.

Various Notes.

Philip Kirchner, who is in charge of the Chicago conservatories of E. M. Barton, 4629 Greenwood avenue, has a beautiful pure white sport of Dr. Enguehard chrysanthemum which originated on his place this season. It has been given the name of Mrs. Enos M. Barton and Mr. Kirchner thinks so well of it that he will propagate all possible for next season. Several mum growers who have seen this white sport predict that it will prove to be one of the best varieties produced in years.

E. T. Wanzer, at Wheaton, is shipping in some excellent carnations. Victory is fine with him, also Enchantress. For white he grows White Lawson, Bountiful and Boston Market. Mrs. Nelson and Mrs. Lawson are his pinks. He had some good mums and now uses the space for propagating.

The good old year, 1906, was a warm member. Not only was the business pace the hottest on record, but the temperature was above the average to a surprising extent. The weather bureau keeps a record of each day's mean temperature and adding the daily excess the record shows that in 1906 we had 1,032 degrees more heat than normal. Also, there has been more wind and much less sun.

Miss A. L. Tonner, in the supply department of the A. L. Randall Co., says prospects for spring business are excellent. They still are opening new goods right along and find that it means something to gather a complete stock.

W. J. Smyth had a large amount of work Sunday for the funeral of J. E. Holden, manager of the retail store of Marshall Field & Co.

Miss Lillian Bowes, of Michigan City, Ind., was in town New Year's eve. She reports trade increasing steadily.

John Ziska is now personally handling the stock of the Chicago Rose Co., John Sterrett being no longer with the firm.

O. W. Frese, of the Poehlmann Bros. Co., spent the last few days of 1906 at home, nursing a severe cold.

Wietor Bros. are filling their benches formerly occupied by chrysanthemums largely with cuttings. They do an annually increasing business in rose and carnation cuttings and especially in chrysanthemums.

E. H. Hunt's express themselves as much better pleased with the way violets have acted in the last ten days than with the way white carnations have gone.

Joseph Foerster says that George Reinberg will not propagate roses and carnations as heavily this year as in previous seasons, the blooms lost in the process, at the present grade and prices, being worth more than the cuttings.

C. W. McKellar says the call for orchids, violets and valley was good between Christmas and New Year's.

C. H. Fisk, at Ogden avenue and Madison street, reports a record breaking Christmas trade, mostly in blooming plants. He purchased double the amount handled a year ago and cleaned it all out.

Weiland & Risch are propagating Killarney in large quantity, anticipating an even heavier demand than last year.

John D. Rockefeller has given the University of Chicago $2,500 for greenhouses for the botanical department.

H. F. Halle contracted a severe cold just before the holidays and he is sick in bed in consequence. His business, however, is reported prospering and his Christmas trade in plants was most gratifying.

The Empire Theater Co., Milwaukee, has been organized, Harry Lubliner, president, and Joe Trinz, secretary and treasurer. A new theater seating 800 is being built and will be ready for business in a month or two. A delegation from Chicago will attend the opening.

The E. F. Winterson Co. has put in a large stock of M. V. Garnsey's Japana and Anglais cut flower vases and find they sell well.

H. C. Wullbrandt has removed to Fifty-third and Madison, where he has just completed a new plant, a store and two greenhouses, the latter each 20x125. He reports business opening good.

Max Ringier, of Kennicott's, was taken ill in the store last Friday with a recurrence of his old trouble. His condition gave alarm for a day or two.

The wholesalers in the Atlas building whose leases expire next May are finding rents raised about fifteen per cent.

P. J. Hauswirth, secretary of the S. A. F., expects to start Saturday on a two weeks' eastern trip. He also will

PETER REINBERG

51 Wabash Ave., CHICAGO

1,500,000 Feet of Glass.

CURRENT PRICE LIST

American Beauties

	Per doz.
Long stem	$8.00
30-inch	6.00
24-inch	4.00
20-inch	3.00
18-inch	2.50
15-inch	2.00
12-inch	1.50
Short	$1.00 to 1.25

	Per 100
Maid and Bride	$6.00 to $12.00
Uncle John	6.00 to 15.00
Chatenay	6.00 to 15.00
Liberty	6.00 to 15.00
Richmond	6.00 to 15.00
Sunrise	6.00 to 12.00
Perle	6.00 to 8.00
Golden Gate	6.00 to 12.00
Killarney	8.00 to 15.00
Ivory	6.00 to 12.00

ROSES, our selection, $5.00 per 100

	Per 100
Carnations	$4.00 to $6.00
Valley	4.00 to 5.00
Violets	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas, per doz.	2.00 to 3.00
Harrisii, "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	2.00
Galax, "	1.00

Mention The Review when you write.

attend the carnation convention at Toronto this month.

Club meeting January 10. President H. N. Bruns will preside for the first time and call to order promptly at 8 p.m.

George Walther is distributing a handsome calendar to the people in Englewood.

The Wittbold Co. reports a good Christmas business, surpassing that of former years.

ST. LOUIS.

The Market.

The Christmas trade was phenomenally large in the sale of blooming plants; with cut flowers it was as usual during a holiday rush. From all sides the report comes that in every respect it was most satisfactory and the growers certainly have little to complain of, as prices were high on all grades of stock. It was first thought that stock of all kinds would be scarce, but at the last moment there was plenty of almost everything. The wholesalers had some heavy orders booked. These were, in most cases, filled, both local and shipping orders.

American Beauties were somewhat scarce, also fancy stock in other roses, but of the lesser grades there were enough. Carnations went at top price; nothing was sold under $4 per hundred. Violets were not at all plentiful. The cloudy weather for three weeks kept them back. These were all cleaned up at $2 per hundred. In bulb stock the market had plenty of Romans, Paper Whites, and valley. On these no increase of price was asked. Christmas greens in holly, mistletoe and wreathing had an unprecedented demand.

Among the west end florists it was a foregone conclusion that the demand for plants would be large and they laid in a big stock, with hardly anything left the next day that was worth having. The same was true of the downtown florists, all of whom report a big Christmas business.

Various Notes.

President Irish and Chairman Frank Weber were out Thursday in the interest of the guarantee fund, among the business men, with good results. This week the other committeemen, W. C. Smith and A. J. Bentzen, will take up the work among the north side business men. The fund is growing each day.

Frank Fillmore, one of the club's hardest workers, was badly hurt last week by slipping on the ice near his home. From reports today he is mending nicely.

Alex Siegel will, after the first of the year, move to his new location, Broadway and Washington avenues, in the old Grand Leader building.

W. J. Pilcher and J. Potts, old-timers in the business, helped out Mrs. M. M. Ayers during the holiday rush.

Arthur Ellison was again in harness during the holiday week, helping out the old folks, who report one of the biggest holiday's business they ever had.

W. C. Hill Floral Co., of Streator, Ill., is sending to Smith & Co. some of the fine light pink Lawson, named Melody. This is really a fine seller and in great demand among the retailers.

Adolph Brix, on St. Louis avenue, had the best Christmas trade in years. Mr. Brix is one of the big buyers at the wholesale markets.

W. C. Smith has been appointed superintendent of the chicken show, which will be held next week. A better selection could not have been made.

The St. Louis Horticultural Society held a meeting Tuesday, December 18, at C. C. Sanders' place on Delmar avenue. Harry Young presided, with ten members present. They decided to hold an open meeting this month, when lectures will be given by prominent speakers on horticulture and other matters pertaining to the society's interest. This meeting will be held the third Tuesday in January, the regular meeting night.

The members of the St. Louis Florists' Club will meet next Thursday afternoon in the new hall in the Burlington building, 810 Olive street. The secretary will send notices to each member, as usual, and President Irish expects a large attendance, as the flower show committee has something extra to report, which will be of great interest to all the members.

J. J. B.

BLOOMINGTON, ILL.—The boiler-house of the cemetery greenhouse burned down on the morning of December 24. A portion of the roof of the greenhouse was also totally destroyed, damaging some of the plants. Quick work by a force of carpenters saved the remainder of the plants from freezing.

I THINK the REVIEW is the best paper for florists. It is a great help and very instructive.—P. W. MASON, Bernardsville, N. J.

Will You Have a Share?

Of the MONEY that is coming to the advertisers who offer their stock in the



...ANNUAL...

Carnation Number

THE WEEKLY FLORISTS' REVIEW

TO BE PUBLISHED

JANUARY 24, 1907

Containing a full report of the Toronto Convention and Exhibition of the American Carnation Society, and much other seasonable matter.

TIMELY for Special Advertising of

...NOVELTIES...

Carnation Cuttings	Building Material	Florists' Seeds
Decorative Plants	Insecticides	Ribbons
Forcing Stock	Rose Plants	Bench Material
Easter Specialties	Bedding Plants	Boilers

also Wholesale Cut Flowers and many other stocks in strong demand at this date.

"Our clearing sale adv. in the Special Autumn Number brought us three times as many orders as we could fill." FRANKEN BROS.

EARLY COPY IS A GREAT HELP

toward good display and position. If the size of your stock does not require a page adv. send a classified, but **SEND IT EARLY.**

BUFFALO.

Current Comment.

As was expected, Christmas turned out to be a time of universal gladness and the florist came in for his share of the benefit. A few days previous to the great day we had bitter cold weather, close to zero, which called for a great amount of wrapping and other precautions against a chill.

As near as the writer can glean, it was largely a plant Christmas and of these the favorites were the azalea, pans of poinsettias and Begonia Gloire de Lorraine. Please notice that the single-stemmed poinsettia, either dwarf or tall, has no longer a charm. They must be in pans, and of them there were not too many. But plants did not monopolize all the sales. Roses and carnations held their own and violets were in great demand, also valley, narcissi and Romans. Holly was for sale at almost every street corner, yet the demand at the greenhouses was as good as ever and all that there was time to make into wreaths met with a ready sale.

There was a swell ball last week on our fashionable Delaware avenue and the floral decorations were more extensive than usual. There were baskets of orchids, banks of begonias and poinsettias, but my excuse for mentioning the party was the particular fact that chief among the decorations were 500 Richmond roses with stems three feet long and American Beauties with stems five feet long. The decorations were in charge of Roland Cloudsley (who never was with Thorley), of the Wm. Scott Co., and the roses came grandly packed from Poehlmann Bros. Co., Chicago. After seeing those Richmonds unpacked, never talk to me about Liberty being on the same street with Richmond. It would take ten acres of Liberty to cut as many long-stemmed flowers. W. S.

KANSAS CITY.

The Market.

Roses were not plentiful and sold at a very high price at Christmas. American Beauties retailed at from $8 to $24 per dozen. Brides and Bridesmaids retailed from $2 to $5 per dozen, and of red roses there were not near enough to go around. Good carnations were scarce and sold at from $1 to $2.50 per dozen. Only a few red were to be had. Some fine carnations were shipped in. Narcissi and Romans were plentiful and not much advanced in price. Violets were scarce and retailed at $4 per hundred. Poinsettias sold well in pots and pans but rather slow when cut. The florist who can grow them ten to twelve inches tall, with large bracts, would be strictly in it in this city. Holly was plentiful. Peyke Bros. received two carloads with 180 cases, arriving two days before Christmas, and sold it cheap, at $3.50 per case. Such as this gave the fakers a good chance and their cries could be heard on almost every corner. One commission-house had about two carloads on hand that was cut too early and the result was that it was too dry and would not sell at any price. We were informed that there were a couple of carloads refused on the track on account of being too dry. Mistletoe was plentiful, mostly shipped from the south. Green roping seemed to be plentiful, for there is less call for this every year, wild smilax taking its place for large decorations.

Red bells sold rather slowly among the florists and prices were low. The sale for fancy baskets of plants and plants in pots and pans is increasing every year and many are glad of it. The weather was ideal, making it easy to deliver potted plants. We can all say it was one of the best Christmases we ever had.

Various Notes.

Albert Barbee reports business to be the largest he has ever had before on Christmas, in both cut flowers and plants. His holly was all made up in wreaths, about 400 in all. They were mostly sold for cemetery purposes, as his greenhouses are located near one of the best cemeteries in this city. He had a large number of fine poinsettias which he sold quite readily.

Arthur Newell says that trade was fifteen per cent better than last year. He sold roses at from $3 to $5 a dozen and the stock he handled was extra fine.

Mr. Freudenthal had an excellent trade, but says that the price for shipped-in stock was too high and thought that some of the carnations seemed to be pickled.

The Alpha Floral Co. reports business to be immense. On December 24 they sold $708 more than on the same day last year, or just double last year's sales on that day. Mr. Elberfield claims he had the largest shipment of cut flowers by express of any florist in the city, as it took a two-horse wagon to cart the boxes from the depot to his store. There is little doubt that this company handles

ROSES—CARNATIONS

Large crops and quality sure to please you. Also abundant supplies of **Violets** from the same New York growers we have represented for years, the ones who made the reputation of Rhinebeck Violets in the west. Also

FANCIEST MIGNONETTE, VALLEY, PAPER WHITES, ETC.

You can send us your orders with confidence. This month completes our first year handling

FLORISTS' SUPPLIES

and the result has justified our belief that the trade would welcome a bright, new, complete stock of up-to-date Supplies in connection with the house so many look to for Cut Flowers. The first year's business in Supplies is, in fact, ahead of our rather sanguine expectations.

Our Cut Flower buyers have not only bought our Supplies, but our fine line of Supplies has brought new trade to the old established Cut Flower department.

Of course we aim to do much more in 1907. We are still opening new lines of Supplies of every description. We aim to be able to supply at a minute's notice every requisite of the business, from tin-foil and toothpicks to the finest of baskets and novelties. **Send us an order today.** You will find **all your needs** illustrated and priced in our New Catalogue. If you haven't it hung on a nail beside your desk, a postal card will bring it to hang there.

A. L. RANDALL CO.

19-21 Randolph St., CHICAGO

Mention The Review when you write.

more stock than any other in this city at its new location.

Jacob Tobler has been ill for some time with lumbago. He reports a good trade, especially on holly wreaths, and could have sold a third more than he did if he had had them ready.

Miss M. Dalley had a fine display in her windows and did a fine business for Christmas.

William L. Rock Flower Co. had the handsomest window decorations during the holidays of any store on Walnut street. They carried a full line of cut flowers and made-up baskets of plants of the most artistic character.

Of course Sam Murray had a big week's business; he always gets a lion's share.

Ed Humfeld reports business for Christmas week to have been a record-breaker.

Miss J. E. Murray had a fine display and did a rushing business.

William Bastian had an excellent trade at his new location on Thirteenth and Grand avenue, making holly wreaths while the customers waited.

The W. H. Humfeld Floral Co. reports its business the heaviest for fifteen years.

R. S. Brown has been ill for some time and could not take an active part in Christmas trade, but reports good business.

Charles Schwake, of Charles Meyer, New York, was in the city last week.

Ed Ellsworth, formerly manager of George Kellogg's Grand avenue store, is now about to build a store at Woodworth avenue and Main street. W. H. H.

BOSTON.

The Market.

Since Christmas trade has been quiet. Owing to the mild weather which has prevailed, more flowers have arrived than had been anticipated and with a rather light demand the supplies have been more than sufficient for all requirements. Prices have dropped to figures prevailing ten days before Christmas. Both roses and carnations are in good supply. Top prices on the latter have fallen to $6. Violets are in rather oversupply. Average price for good stock is $1 per hundred, but some doubles have sold lower. Chrysanthemums are still seen but the quality is now poor.

Lilies and callas are arriving sufficiently for all needs. Some good mignonettes are seen and there is an oversupply of Paper Whites and Roman hyacinths. Quite a lot of stevia is still sent in but it sells slowly. Tulips and yellow narcissi are not yet of good quality. Quite a little freesia is seen in the retail stores, but this flower is not much handled at the wholesale market or commission houses. Fischer's Purity is seen with long stems. Poinsettias met with a slow sale after Christmas. In sweet peas, Mont Blanc is most in evidence, some Earliest of All being also seen. There is no change in green stock, for which the demand is not brisk at present.

Later reports on Christmas trade indicate an increased volume all around over 1905. Growers who threw quantities of flowers on the market on Christmas day had to take lower prices. We heard some complaints of plants arriving from retailers in a frozen condition owing to being insufficiently wrapped up.

New Year never makes more than a trifling difference in the market here. Violets sold well. These, lily of the valley and roses were used as gifts to some extent, but the effect on prices was hardly noticeable.

Various Notes.

Robert Cameron sailed on the S. S. Admiral Sampson on December 26 for Jamiaca. He will collect plants for the Harvard Experimental Station at Solidad, Cienfuegos, Cuba, where Robert M. Grey, late of North Easton, is located. After spending some time in Cuba Mr. Cameron will return by way of Havana to New York.

The inaugural meeting of the Massachusetts Horticultural Society for the year 1907 will be held at noon January 5 in Horticultural hall. Business will include inaugural address by the new president, Gen. S. M. Weld; reports of trustees and of various committees. The winter lecture course will, it is expected, commence on January 12.

F. E. Palmer has been confined to his bed by sickness the last few days.

Some remarkably fine Fischer's Purity freesia is coming in from William Nicholson, the stems being of exceptional strength.

Fair Maid carnation holds its own well in the local markets. Such flowers as A. Roper and J. W. Foote are sending to the Music Hall market are hard to beat.

Edward Wood, of Lexington, is bringing in some excellent sweet peas from his new house.

H. A. Stevens Co. will grow the light

BEST ROSES

KILLARNEY, RICHMOND, BRIDESMAID, BRIDE
and a full line of CUT FLOWERS of all kinds.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

pink Lawson largely another year. They find it holds its color in spring and fall better than Enchantress.

Local seed merchants anticipate a busy season. Some have their catalogues ready for mailing and all will be issued in a few days.

Schlegel & Fottler Co. still head the Seed Trade Bowling League, with Farquhar & Co. a close second. The Park street flower market team is doing some excellent work at present.

W. N. Craig.

NEW YORK.

The Market.

Christmas materialized a general result almost identical with the predictions as to prices, sales and satisfaction. From the retailers' standpoint there can be no sincere fault-finding, for every plant and combination of plants in hamper, basket, box or jardiniere that had merit in quality and artistic arrangement, sold at a good price and not enough were left to dress the windows respectably in any florist's store worthy of the name.

Cut flowers, too, were not held at abnormal prices by the wholesalers and the antagonism to these and the suggestions as to plant preference were not so general as in other years. Beauties were retailed at $25 a dozen, Maids and Killarney at $10, Richmond at $12 to $15, carnations $1.50 to $6 and violets at $3 a hundred. At these rates the flower-loving public of this city on special occasions like Christmas and Easter do not complain. They have been educated to expect it and the return to more reasonable figures surprises and allures them.

The wholesalers would have had no fault to find with Christmas if after maintaining prices at fair rates all day Monday the evening shipments had not been overwhelming. Much of the stock was cut so close that the buds were too small to find, while some of it gave evidence of the pickling process, and both had to go into the "discard" Christmas evening.

You can imagine the rose slump on the day after. White roses and carnations, especially the former, were cut to almost summer rates until the pressure of overabundance was relieved. This will account to the growers for the general average not coming up to expectations; while the very best held firm, the medium and lower grades all suffered.

Violets alone maintained their values even up to the end of the week and were selling as high as $1.25 per hundred on Saturday. New Year's prices will average a little over half the price of cut flower rates at Christmas. Orchids and gardenias were in extensive demand and, while prices were wisely not advanced, all the varieties were well called for and nothing worth mentioning was left when the local and shipping demands were filled.

The few mums left were of only medium quality and were snapped up quickly. Of holly, mistletoe, wreathing, wild smilax, the market was swept absolutely bare. In some of the green goods centers ferns and galax was the entire stock left by noon of Christmas. And the supply men never had such a clearing up. Baskets, vases, all the novel importations, immortelles, wreaths and Christmas bells—everything was taken. Shipments were made day and night up to the evening of December 24 and still the call was incessant. So, all things considered, it was a good Christmas and there was little to complain of. The pickling was lighter than usual and is evidently growing more unpopular. The weather was not severe. The love of flowers by the general public was never more in evidence.

Your Plans For 1907

should include telephone service at your home as well as at your place of business.

It isn't only "just as easy" to do things by telephone, it is

EASIER CHEAPER and QUICKER

NEW YORK TELEPHONE COMPANY
15 DEY STREET

Mention The Review when you write.

The Telephone Situation.

Few even of the smallest flower stores in New York or Brooklyn are without a telephone and in many of the big retail as well as wholesale stores so large a part of the orders is received over the 'phone that more than one line is necessary. Two telephone companies in New York would be a nuisance and an added expense without in any way improving the service. Every florist is interested that a report of an investigation concerning the telephone service of thirty-six cities has been submitted to the Board of Estimate and Apportionment by Harry P. Nichols, assistant engineer, of the Bureau of Franchises. Such benefits as have been derived from competition elsewhere, together with the disadvantages or inconvenience due to it, appear to be set forth impartially. Mr. Nichols refers to the progressive policy of the Bell Company in New York during the last two years, its reduction of rates and its energetic attempts to develop the use of the telephone. The company has offered yearly compensation to the city, and also so to reduce its rates from time to time that the earnings shall not

ROSES

are improving every day and we are now getting in a fine lot of Kaiserins, Brides, Bridesmaids and Chatenays. The Richmond are a little short in stem, but the flowers are fine.

CARNATIONS

are good, and Violets are the finest coming into this market.

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$12.00
24 to 30-inch stem	"	10.00
20-inch stem	"	8.00
15-inch stem	"	5.00
12-inch stem	"	3.00
Bride, Bridesmaid	per 100,	$8.00 to 15.00
Chatenay	"	8.00 to 15.00
Meteor	"	8.00 to 15.00
Carnations	"	4.00 to 8.00
Valley	"	3.00 to 5.00
Violets	"	1.50 to 3.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

exceed ten per cent upon the capital actually invested. "If investigation should show a fair capitalization," the report says, "and if the company's offer be adequate in other respects, there would seem to be no advantage in granting a franchise to an independent company." This meets general approval.

Various Notes.

The plantsmen are already planning for Easter and have a complete closing out of Christmas plants to encourage them.

A goodly number of carnation growers from New York and vicinity will attend the Toronto convention. Those of us who were born in Canada and know something of its warm-hearted hospitalities can safely assure the visitors of an unusually vigorous welcome and the sleigh riding and curling and other winter sports so dear to the Canuck heart will be an unusual treat for those who come from this climate of dampness and who will realize for the first time the inspiration and healthfulness of a Canadian winter. John Dunlop and his lieutenants will demonstrate the brotherhood of American florists as it has never been shown before. It will be an inexcusable blunder to miss the Toronto carnation convention. New York should have a representation of at least twenty-five.

The next meeting of the New York Florists' Club will be held January 14, one week from Monday evening, at the Grand opera house. Final arrangements for the trip to Toronto will then be completed and possibly a special car arranged for. The fare will be one and one-third, and the New York Central probably selected. At the club the new officers will begin their duties and President Totty will elaborate his policy and make his appointments. There is no doubt of the club's continued growth and prosperity.

Saturday evening of this week the ball of the wholesale florists' employees takes place at the Manhattan Casino, One Hundred and Fifty-fifth street and Eighth avenue. The Sixth and Ninth avenue elevated lands you at the door. The Twenty-second regiment band has been engaged and the boys deserve encouragement. A good many of the wholesalers have promised to attend.

The small Gladiolus advertisement we had in the

THE WEEKLY FLORISTS' REVIEW

not only brought inquiries from all parts of this country but from Europe as well. The REVIEW is the paper to advertise in. It seems to go everywhere.

S. HUTH

Cuyahoga Falls, O.
Dec. 22, 1906.

The New Year will see the beginning of a brilliant season in society that should quickly manifest its effect in the increased prosperity of the florists. The Old Guard ball in January will have the President as a guest. The other events follow each other in never-ceasing rapidity, the Arion, the Emerald and a host of others. The opera season is at its height in two great houses and a hundred theaters are crowded nightly. Everything betokens prosperity, and prosperity means progress to floral art and home decoration. So great are the good times that the preachers have begun to warn the public of their danger and even Rockefeller and a few other poor millionaires are advising the people to go slow.

The Cut Flower Exchange is an illustration of good business management. Its dividend just declared for the current year is ten per cent.

The window displays by the prominent retailers before Christmas excelled any previous demonstration and doubtless accounted partially for the general interest. To particularize would be unfair and to give all their due would make necessary more space than the REVIEW would grant me. Every season adds to the artistic combinations of plant and color and to the novelties that have become now a necessity in this blase and critical metropolis, where one lives a lifetime in a day.

The forty-eight hours before Merry Christmas dawned were interesting, every one of them, and it took them all to visit

Laelia Anceps Alba

Very Fine Stock
With Long Stems

POINSETTIAS, very fine, in quantity.

AMERICAN BEAUTIES—We have the largest and finest stock of this rose in Philadelphia.

CATTLEYAS—A splendid stock in fine condition.

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

the big retail establishments and the wholesale markets and stores and see for oneself what devotion to the interests of growers and customers means. Dozens of employees and many of the principals had no sleep during these two long days and nights and some put in seventy-two hours without a wink, while the happy growers slept the sleep of certain surplus in the bank account, and no further winter worry on the coal question. The rest of the year is velvet for them.

I was talking with the author of "How to Grow Violets" Saturday and he declared a competent grower could raise as good violets around Chicago as any one in Dutchess county. It all depends on knowing how. He never has visited Chicago, however, and was not posted on the wet air, the smoke, and the level country. But even when I told him he said, "Let them go out a hundred miles, then, where the air is dry and the hills are to be found, and put a competent man to work and I'll guarantee as good success as any one achieves at Rhinebeck." So there you are, and it is surely worth the trial, for violets lose all the sweetness in a thousand-mile journey and New York can use all the violets that are worth using, grown within a hundred miles, and use them while they are warm. J. Austin Shaw.

WILLIAMSPORT, PA.

Fire at Evenden Bros.' lower greenhouses at 3 o'clock on the morning of December 24 did damage which will reach $6,000, with no insurance. The fire was discovered by the watchman in a pile of coal behind the boilers. He called William Evenden, who resides near the lower greenhouses, but the fire had gained such headway that the interior of the boiler room was a mass of flames. Seeing that the situation was serious he called upon the Williamsport fire department and in the bitter cold two companies fought for three hours, doing splendid service in preventing the spread of the flames.

The boiler house was consumed and all of the woodwork of the ice house was burned. A corn crib containing about 400 bushels of corn was practically ruined and a wagon shed was destroyed. One end of one of the greenhouses was burned out.

The contents of five of the big greenhouses were frosted through the lack of heat, the rose and carnation houses suffering most. Oil stoves were hurriedly obtained and rushed into the other houses to try to save their contents. Temporary connections were quickly made with another boiler and it was made to help out as far as possible. The Christmas stock had all been taken to the upper greenhouses and so escaped the general destruction.

As soon as the ruins of the boiler house were cool enough to work in Mr. Evenden had a force of men ready and began at once to clear away the debris. The work of installing a temporary heating plant was begun at once and a new permanent plant will be erected and put in operation as quickly as possible.

PHILADELPHIA.

The Rising Eastern Market.

Business has been extremely dull since Christmas, duller, in fact, than it has seemed for a number of years. New Year's was a good day, but by no means a little Christmas. Prices have been weak and irregular, there being at times quantities of this or that flower that could not be disposed of at anything like market value. The curious part of this is that entertaining has been going on at a brisk rate, parties and balls succeeding each other in rapid succession. While flowers in quantity are used for many of these festivities, their use has not been sufficiently general to make a serious impression on the market.

The dark weather has had a bad effect on the quality of some varieties of stock, making the better grades more difficult to supply than would ordinarily be the case. Beauties have been abundant and at times long-stemmed flowers were in oversupply. Tea roses of fine quality have found ready sale, but the majority of the stock coming in is only medium at present. Carnations have been more plentiful than seemed possible two weeks ago. Prices receded one-half immediately after Christmas, and have remained fairly firm since. Some exceptionally fine Beacon sent by Edward A. Stroud to the S. S. Pennock-Meehan Co. realized Christmas prices at New Year's. But this was, of course, an exception to the rule, most of the fancies selling for one-half those figures. Gardenias are in good supply, thanks mainly to the skill of Robert Scott & Son, who have a large cut in sight. Violets have remained fairly steady since Christmas, the lack of sunshine cutting down the supply considerably. Sweet peas are more abundant.

Wietor Bros.

51 Wabash Avenue,
CHICAGO

Current Price List

	Per doz.
AMERICAN BEAUTY	
Extra long stems	$8.00
36-inch stems	7.00
30-inch stems	6.00
24-inch stems	5.00
20-inch stems	4.00
18-inch stems	3.00
15-inch stems	2.00
12-inch stems	1.00
8-inch stems	.75
	Per 100
Brides, fancy	$10.00
" good	6.00
Bridesmaids, fancy	10.00
" good	6.00
Liberty, fancy	10.00
" good	$6.00 to 8.00
Richmond, fancy	10.00
" good	6.00 to 8.00
Chatenay, fancy	10.00
" good	6.00
Uncle John, fancy	10.00
" good	6.00
Perle	6.00 to 10.00
Roses, our selection	4.00
CARNATIONS, Good	3.00
" Fancy	4.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

To the Florists of America

The Florists' Supply House of America

H. Bayersdorfer & Co., 1129 Arch Street

Philadelphia, January 1, 1907.

WE desire to thank our many friends and customers for their liberal patronage extended to us during the past year. We also wish to gratefully acknowledge the kind indulgence shown us in the trying period of moving when it was not always possible to dispatch orders with that promptness for which we have established a reputation. We ask a continuance of your business for 1907, and promise that the best goods, the best facilities and our best efforts shall be at your command.

Wishing you a Happy and a Prosperous New Year, we are

Very truly yours,

H. BAYERSDORFER & CO.

Mention The Review when you write.

The best flowers are now sufficiently good to interest the most fastidious buyers. Poinsettia is cut out with some growers, but there is still sufficient in sight to meet every requirement. In fact, the demand is perceptibly falling off. A feature of the orchid market is the addition of some choice flowers of Lælia anceps alba, pure white, with long stems, seen at the Leo Niessen Co.'s. Trumpet major has made its appearance. It is of fair quality and sells well.

The Florex Gardens.

D. Fuerstenberg, Henry C. Geiger and Eugene Bernheimer have applied for a charter under the Commonwealth of the State of Pennsylvania, which will enable them to grow and sell plants and flowers under the name of the Florex Gardens. They have purchased fifty acres of ground at North Wales, on the Philadelphia & Reading railway, about three-quarters of an hour from this city. The ground is admirably adapted for greenhouse purposes, being so situated that a siding for coal is possible, while the soil is considered by the experts as first-class for growing roses and carnations. One greenhouse 150x425 feet, single-span, will be constructed this season for American Beauty roses. George Samtman will be manager or superintendent of this plant, which will be added to from time to time. The idea is to grow Beauties, which are required by the sister enterprise, the Floral Exchange, and which have never quite come up to Mr. Fuerstenberg's standard at the Edgely greenhouses. It is also planned to grow carnations later. The name Florex may be best understood by describing it as a sort of abbreviated Floral Exchange, the idea being to keep the relationship between the two enterprises clearly in mind.

A number of years ago Leo Niessen strongly advised Phil to especially observe Mr. Fuerstenberg's horticultural plans, asserting that he would undoubtedly make his mark in the floral world. The present enterprise is the direct result of Mr. Fuerstenberg's visit to Canada last fall, where he saw and heard things that confirmed him in his belief that large houses are most desirable, from a grower's as well as from a business standpoint.

Bayersdorfer's New Store.

Through the courtesy of Sydney Bayersdorfer, Phil was enabled to verify the description of Bayersdorfer's new store given by proxy in these columns a few weeks ago. Everything was just as described then, excepting that the wonderful stock has been seriously depleted by the Christmas and New Year's orders. Great gaps had been made in the warerooms, which will soon be filled by the incoming shipments of Easter stock. Let no one suppose from this that orders for any staple or novel article on the catalogue could not be filled, but simply that thousands of orders evidently had been filled. The drying-room and roof garden were novel features that are being turned to excellent advantage. The workroom, filled with busy makers of wheat sheaves, was full of interest. Among the novelties were some exquisite wood boxes for lilies of the valley and violets, with those flowers hand painted on the covers. Mr. Bayersdorfer said that the new rattan Beauty vase for long-stemmed, fancy flowers, is meeting with brisk demand. Some reed hampers of original design were very attractive. A number of baskets and plant stands were pointed out that had been in vogue for many years and steadily increase in popular favor.

The Stokes Idea.

Walter P. Stokes always has ideas that are worth listening to, whether it be in greenhouse constructions, valley forcing or seed selling. His first catalogue, issued by the Stokes Seed Store, is well worthy careful perusal. Typographically it is extremely well gotten up, while the salient feature is evidently the idea impressed throughout upon the reader that "Stokes' Standard," whether it be of peas, beans, beets, or cabbage, is the highest standard and the one that you unquestionably ought to have. To secure this end Mr. Stokes has tested many varieties of vegetable and flower seeds at his Moorestown Nurseries, selecting only the best, paying the grower a fair price to secure his best products, and charging the buyer a fair price for a first-class article. Such methods will undoubtedly win the confidence of the seed-buying florists and gardeners.

Obituary.

We have the sad duty this week of recording three deaths since last report.

Mrs. Robert Scott, mother of Alex. B. Scott, died Sunday morning after a long illness.

Frank McDonald, an employee of Edward Reid, died Saturday night of typhoid fever, after an illness of several weeks.

The death of the married daughter of J. Otto Thilow, secretary of the Henry A. Dreer Co., occurred last week.

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers** 35 Randolph St. CHICAGO

A LARGE SUPPLY OF

BEAUTIES, RICHMOND, LIBERTY, CHATENAY, MAID, BRIDE, KILLARNEY, UNCLE JOHN, and CARNATIONS at Chicago Market Prices.

Very strong on everything. **Send US your orders and we will send you fine stock.**

Mention The Review when you write.

WE look for **MUCH MORE STOCK** following New Year's. So don't be afraid to order. You will only be charged market prices. **Let your orders come.**

CARNATIONS, ROSES, VIOLETS, VALLEY, PAPER WHITES

Wire or Phone—We do the rest

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 **CHICAGO**

Mention The Review when you write.

Various Notes.

M. Rice & Co. are already busy fixing up stock and getting in shape for a large Easter business, which this year comes very early, March 31.

The white cotton-holly wreath described in this column two weeks ago has been adopted by the Union League, and may be seen at its window on Broad street.

It is pleasant to see Paul Richter back in the H. F. Michell Co. seed store.

Alfred Burton had a large crop of Liberties for Christmas.

S. S. Skidelsky read his paper on "Our Credit System, Its Uses and Abuses," before the January meeting of the Florists' Club on New Year's evening.

Those who object to the prices of cut flowers at Christmas will do well to notice that the 6-inch pans of Saintpaulia ionantha, which brought $1 each before the holidays, can now be had for the sum of 50 cents each.

Wesley Clark is now with the S. S. Pennock-Meehan Co.

The story that Eugene Weiss was seen in pursuit of the setting sun on Christmas eve with two boxes of fancy Maids under his arm is strenuously denied by Samuel Lilley.

John McIntyre is handling quantities of fine stevia. PHIL.

DETROIT.

The Market.

Flowers remain well cleaned up just now. It is a case of "everything going out and nothing coming in." Few Beauties are seen and other roses also are at a premium. Carnations are coming in more plentifully but remain cleaned up at prices ranging from $5 to $8 per hundred. The finest Enchantress ever seen are coming from Mount Clemens. Violets are also way up, both single and double. Valley brings from $3.50 to $4.50 per hundred and is in large demand. Stevia sells well. Narcissi and daffodils are used extensively.

Even though the holidays are over, plants are selling well. The high prices of cut flowers have created quite a sale of blooming plants for sick people.

Among the Craft.

Despite that all are glad the holiday rush is over for another year, were it not for these extra occasions life would seem rather dull.

Wm. Brown and his force put in some long hours. A large decoration in Strassburg's hall on Christmas eve added to his troubles.

J. F. Sullivan's window was prettily decorated, a snow effect of cotton-batting with a number of Christmas novelties. Sullivan does the violet business in this city and many thousand eastern violets were disposed of at good prices.

In 1905 E. A. Fetters was not able to say much about the holiday business, that being his first season in Detroit, but he has built up a good trade and is well satisfied with 1906 Christmas.

The Michigan Cut Flower Exchange has again passed through an unusually heavy siege. Under the careful management of Robert Rahaley, business is booming.

The Bemb Floral Co. was taxed to the limit. Albert Pochelon had just completed some changes in the store. This firm makes a specialty of prepared grasses, palm leaves, etc.

Breitmeyer's beautiful store was all aglow with red. They had a much larger cut from their houses than for several years, but everything went. Many tasteful baskets seen about the store before Christmas were all claimed by Santa Claus. Breitmeyer's also have had many orders for receptions and parties.

The Detroit Cut Flower Exchange reports an unusually satisfactory Christmas.

Taepke always closes the store and greenhouses the afternoon of December 26, giving all hands a chance to catch up sleep. An extra large cut of carna-

ROSES
CARNATIONS
VIOLETS VALLEY

And all other stock in season in large supply

WE ARE HERE TO SERVE YOU.....

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36-inch	$6.00 to $8.00
24 to 28-inch	4.00 to 6.00
15 to 20-inch	2.00 to 3.00
8 to 12-inch	1.00 to 2.00
Shorts	.75
ROSES (Teas)	**Per 100**
Bride and Maid	$4.00 to $10.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	4.00 to 10.00
Chatenay	4.00 to 10.00
Roses, our selection	4.00
CARNATIONS	2.00 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	1.00 to 1.50
Violets, single	1.00 to 1.50
Harrisii Lilies, per doz.	2.00 to 2.50
Callas, "	2.00
Valley	4.00
Paper Whites	3.00
Romans	3.00
Mignonette	4.00 to 6.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.40 to .50
Asparagus Bunches, "	.35
Sprengeri Bunches, "	.35
Adiantum, per 100	.75
Ferns, Common, per 1000	2.50
Galax, G. and B., "	1.00
Leucothoe Sprays, "	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



Headquarters

I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

CURRENT PRICE LIST

ORCHIDS, a specialty.	Per doz.
Dendrobium Formosum	$5.00 to $6.00
Cattleyas	6.00 to 9.00
Cypripediums	2.00 to 3.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	8.00
24 to 36-inch stems	5.00 to 6.00
15 to 20-inch stems	3.00 to 4.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory	6.00 to 12.00
Perle, Gate	6.00 to 12.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise	6.00 to 12.00
Roses, my selection	4.00
Carnations, large fancy	4.00 to 6.00
" good stock	2.00 to 3.00
Violets, double or single	1.00 to 1.50
Harrisii, per doz.	2.00 to 2.50
Valley	3.00 to 5.00
Paper Whites, Romans	3.00
Callas, per doz.,	2.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	2.00
Asparagus Strings, each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum, per 100,	1.00
Ferns, per 1000,	2.00 to 2.50
Galax "	1.00
Leucothoe, per 100	.75
Boxwood Sprays, per lb.	.15
Wild Smilax, case	$3.00, $4.00, $5.00

Subject to change without notice.

Mention The Review when you write.

tions, including about 1,000 red, helped them out. Mr. Taepke recently acquired the property occupied by the greenhouses and dwelling on Elmwood avenue.

Mrs. Allan P. Cox is highly elated over the holiday trade. This is her first Christmas in the business, but the rush was handled remarkably well.

The large number of plants seen at Schroeter's before the rush dwindled down to nothing. Ferns, palms, cyclamens, begonias, azaleas, etc., sold fast but a large lot of poinsettias went best. They also have had several good decorations.

Various Notes.

James Taylor and George Rackham have gone back to the good old way of heating, throwing out hot water under forced circulation.

Chas. Tuson, of Windsor, supplied the dealers with many roses, Beauties and fine valley.

This was a sad Christmas at the Detroit Floral Co. Mr. and Mrs. Flowerday's only daughter was hovering between life and death for several weeks, passing into the long sleep Christmas noon. Being the only daughter and just in her teens, with everything bright before her, made it all the more sad. Numerous floral tributes expressed the deepest sympathy from the many friends.

Ed. Beard suffered from a severe attack of la grippe but is again on his feet.

E. A. Fetters has sold out his business to Murray Paterson, who ran a flower stand at the Strand grocery store, which failed recently. H. S.

CLEVELAND.

Christmas Comment.

All things considered, trade and conditions at Christmas were quite satisfactory to all the leading florists. By the leading florists I mean those who put forth an extra effort to make Christmas the best ever, and succeeded. It means lots of hard work and early and late hours and some little grumbling, but now that it is all over we find ourselves in as good trim as ever and ready for the next rush of orders, which will come February 14, when the demand for violets and roses will take up everything in sight—providence and the weather permitting—as it does not want to be too cold on St. Valentine's day or it will freeze out all the love of little Cupid, and the violets for milady will remain on the shelf.

Christmas had several surprises for the store man, but the greatest shock came when notified that best stock in longest Beauties had advanced to $15 to $18 per dozen and selected red, white and pink roses to $25 per hundred. We in the provinces have not been accustomed to such high values and it was a hard matter to explain to a would-be purchaser the reason for the advance. These high prices at Christmas are a body blow to the occasional buyer of the great middle class, and the result is that instead of making a future customer out of this annual visitor for your own future good and profit, you drive him off with the thought that it is no use to try to buy flowers at any of the first-class stores.

Everything cleaned up well this year at good prices and there were only a few white carnations left over for the next day's crop of funerals. Carnations were extra fine and in great quantities the

VIOLETS.....

Best Hudson River stock.
Largest Supply in this market.

CARNATIONS

Large Cuts now on
Let us quote on special lots.

ROSES.....

Teas are fine and plentiful.
Beauties in good supply.

ALL OTHER STOCK IN SEASON.

VAUGHAN & SPERRY,

58-60 Wabash Ave., CHICAGO.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	Per 100
Bride and Maid	$4.00 to $12.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	4.00 to 12.00
Chatenay	4.00 to 12.00
Killarney	8.00 to 15.00
Roses, our selection	4.00
CARNATIONS	2.00 to 3.00
" fancy	4.00 to 6.00
MISCELLANEOUS	
Violets, double	1.00 to 1.50
" single	1.00 to 1.25
Harrisii Lilies, doz.,	$2.00 to $2.50
Callas "	1.50 to 2.00
Valley	2.00 to 4.00
Paper Whites and Romans	3.00
Jonquils	5.00 to 6.00
Sweet Peas	1.00 to 1.50
GREENS	
Smilax Strings per doz.,	2.00
Asparagus Strings each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum per 100,	1.00
Ferns, common per 1000,	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

last few days. Prices for extra fine scarlet and Enchantress were high. Violets were especially good and sold well. Valley was much sought for and Paper Whites and Romans sold well because there was no advance in price. There were a few Trumpet major in the market. Poinsettias were poor this year and few pans of good stock to be seen. Begonias, azaleas and cyclamens took the lead as sellers, while some large pans of cypripediums done up in pea green and yellow trimmings sold out early in the day at a good profit.

TWIN CITIES.

The Market.

Christmas business was undoubtedly the heaviest that we have ever had and a general feeling of satisfaction is felt throughout the trade. The growers disposed of everything that was grown for Christmas trade and the retailers in turn were successful in turning it over at handsome profits.

Plants of poinsettias sold at sight and at good figures. Azaleas were somewhat of a disappointment to a great many. Cyclamens and poinsettias seem to have taken the lead over azaleas in sales and a small number of them were carried over by nearly all of the dealers.

Baskets of plants sold well. Some handsome arrangements were noted, which brought from $5 to $15 apiece. The demand for them appeared to be quite heavy and it was noticeable that when a handsome basket was shown it would sell in preference to cut flowers. Holly wreaths sold about the same as other seasons, the holly, however, was much better than that handled for a number of years.

The sale of cut flowers was a surprise to nearly all of the trade. Never before were there so many sold, notwithstanding the high prices.

St. Paul.

L. L. May & Co. report the heaviest city trade they have had in years. The run was strong on cut flowers. While a great many plants were sold, the sale on them did not exceed that of previous years.

Colberg & Lemke put up some handsome windows Christmas week. They report trade as being fully up to expectations, disposing of a large number of Elegantissima ferns at fancy prices. They report an especially good trade on cut flowers.

Holm & Olson's store was nicely decorated. They had large arches of holly in their immense windows and Christmas bells were hung in large numbers. They report a fine trade. Their stock of plants was good and sales heavy. Practically the only plants left were a few Begonia Gloire de Lorraine.

E. F. Lemke reports a satisfactory business, the demand being especially heavy on cut flowers.

C. F. Vogt reports the largest Christmas trade he ever had.

A. S. Swanson did a nice trade and obtained the best of prices for everything.

The Editor is pleased when a Reader presents his ideas on any subject treated

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

NEW YEAR'S GREETING.

A Happy and Prosperous New Year to all.

GEO. A. KUHL. PEKIN, ILL.

At New Years we get ready for Easter.

WE OFFER SPECIAL

HYDRANGEAS, 1-year-old plants, 50c to 75c each.
2-year-old plants, 75c to $1.25 each.
3-year-old plants, $1.25 to $1.75 each.

AZALEAS, 50c, 75c and $1.00 each. These are fine plants for Easter blooming.

We now offer the following young stock: Clean, healthy.

BEGONIAS, 8 to 10 varieties, 2½-in. $5.00
3-in., $8.00; 4-in., $12.50.
HELIOTROPES, 2½-in. 5.00
LANTANAS, 2½-in. 3.50
FEVERFEW, 2½-in. 5.00
PETUNIAS, 2½-in. 5.00
SALVIA, 2½-in. 3.50
MME. SALLEROI GERANIUM, 2½-in. .. 4.00
Red, White, Pink and Salmon Geraniums, 2½-in., $3.50.

Geo. A. Kuhl, Pekin, Ill.

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12 in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes, 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.
Cash or satisfactory New York references.
ANTON SCHULTHEIS, College Point, N.Y.
Mention The Review when you write.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.
Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.
NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.
Mention The Review when you write.

Minneapolis.

The New York Floral Co. put up a handsome window and handled considerable transient business, more carnations than anything else.

Ralph Latham's place was nicely deco-

FLOWER BOXES



IDEAL GRADE WATERPROOF MANILA
ELITE GRADE WATERPROOF WHITE
IVY GRADE WATERPROOF GREEN



VIOLET BOXES
Violet Color or White with 5-color bunch of Violets on corner.

CORRUGATED PAPER SHIPPING BOXES



FOR MAKING EXPRESS SHIPMENTS

LIGHT, STRONG, DURABLE.

PROTECTS CONTENTS FROM HEAT OR FROST.

SHIPPED FLAT. EASILY SET UP.

METAL OR K. D. CLOTH CORNERS.

THE J. W. SEFTON MFG. CO., CHICAGO, ILLINOIS ANDERSON, INDIANA

Mention The Review when you write.

CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap, durable.** To try them once is to use them always.

Size No. 0	3x4x20	$2.00	per 100,	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2.00	"	19.00	"
" No. 3	4x8x18	2.50	"	23 00	"
" No. 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
" No. 6	3x8x28	3.75	"	36.00	"
" No. 7	6x16x20	5.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67.00	"
" No. 11	3½x5x30	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.



Mention The Review when you write.

GREENHOUSE MATERIAL of Louisiana Cypress and Greenhouse Hardware and Posts.



HOTBED SASH Washington Red Cedar PATENT V AND U GUTTERS.

OUR GRADES INVARIABLY THE BEST. OUR PRICES RIGHT.
Write for Catalogue and Estimate, when figuring on your new houses.

A. DIETSCH CO., 621 Sheffield Avenue, CHICAGO.

Mention The Review when you write.

WATERPROOF
Cut Flower and Design Boxes

PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.

THE BLOOMER BROS. CO., ST. MARYS, O.

Mention The Review when you write.

rated and trade, he says, was never better.

John Monson, of the Minneapolis Floral Co., sold everything, with the exception of a small number of cyclamens and primroses.

William Donaldson Co. put up some handsome windows. The cut at the greenhouses did not anywhere nearly supply them, and they were compelled to buy outside. They increased their force to eight clerks and all were kept busy.

FELIX.

PITTSBURG.

The Market.

The tradesmen in general have that tired look, which people who work day and night get, yet they do not complain as they get satisfying reports from the various stores, showing an increase of from twenty-five to fifty per cent over any other season, the plant end showing the largest increase.

The wholesale houses all report a good Christmas trade and cleaned up nicely in everything that came in, by Monday noon. Some of the stock which came in Monday night and Tuesday morning hung, but most of it cleaned up later in the week. New Year's was about as in any other year, this day as usual equaling a good Saturday.

Various Notes.

Randolph & McClements lost a wagon and load of decorative stock during the last cold snap. The stove set the wagon on fire and before it was noticed the whole top was in a blaze and everything ruined.

George A. McWilliams, of Natrona, Pa., has gone to North Carolina, where he will spend a couple of weeks on business and in hunting.

The tremendous rush at the express offices gave the wholesalers some trouble in getting their stock, although, with one or two exceptions, they got their outbound shipments off in good shape.

HOO-HOO.

MADISON, N. J.—The annual smoker of the Morris County Gardeners' and Florists' Society will be held in Masonic hall, January 9.



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, $2.50 per case. The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack, GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

CALDWELL THE WOODSMAN DECORATING CO., -- -- EVERGREEN, ALA.

Mention The Review when you write.

GALAX LEAVES

New crop; fresh from the patch, prices as follows:
Bronze and Green Galax Leaves...$0.50 per 1000
Fancy and Dagger Ferns..... 1.00 per 1000
Green Leucothoe Sprays..... 2.50 per 1000
Bronze " " ..... 5.00 per 1000
Rhododendron Sprays..... 3.00 per 1000
Kalmia or Mountain Laurel..... 3.00 per 1000

Also **Rhododendron Plants** which will grow, 10 to 15 inches, 10c each; 20 to 25 inches, 15c; 30 to 40 inches, 25c; 50 to 60 inches, 40c. Discount on large orders. Fourteen years' experience enables me to guarantee perfect satisfaction. 250 customers now in U. S. Send cash with first order.

J. N. PRITCHARD, Elk Park, N.C.

Mention The Review when you write.

GRAND RAPIDS, MICH.

The weather conditions were unfavorable to producing as large a cut of flowers as was expected for Christmas. Everything was exceptionally scarce. There were, however, plenty of Romans, Paper Whites, violets and valley, with Cross having a few sweet peas on sale. The supply of good roses was far short of the demand; carnations the same. Everybody was well stocked with plants: azaleas, poinsettias, peppers, cyclamens and Romans in pans. In sales poinsettias led. It must also be said that they were in heaviest supply with all, except Cross, who had a run on cyclamens, being practically the only one having them. Crabb & Hunter were in the same position with Bon Silene roses, which are just now popular for bouquets. Every azalea and poinsettia sold to the last plant. Of other kinds, some were left. All flowers were cleaned up to the last scrap. The weather being cold, much difficulty was experienced in wrapping and delivering plants. As a whole business with most was about equal to that of last year, with Cross's store as an extra over last year, and he did a fair share of the total business done.

It is strange, but never, since violets began to be grown here, have they been as slow in blooming as this year, or as few cut during the holidays. James Schols is cutting the most.

The daily papers chronicle that Walter S. and Mary Parsons have started suit against Charles Chadwick to collect $2,000 alleged to be due on a note.

G. F. C.

LILACS FOR FORCING.

So highly are the fragrant flowers of the lilacs appreciated when developed early in the year under glass, that in directing attention to the details essential to success in forcing these shrubs there is no occasion to dwell upon their charms.

To insure a full measure of success it is necessary to have plants that are well established in pots, have well-ripened wood, and are furnished with an abundance of stout flower buds. None but the finest of the numerous varieties should be grown for forcing.

October, or early in November, will be the best month in which to pot the lilacs, but whether the young plants have been raised at home or purchased, they ought not to be forced during the ensuing winter. Some may be sufficiently advanced to bloom, but it will be far better to give them a year's growth in pots before taking them under glass. Two years will be gained by buying plants of the ordinary nursery size and potting them up as advised for the home-grown stock. As they are potted, plunge the pots to the rim in a bed of ashes made up on a hard surface.

For their accommodation during the summer and autumn months a bed of ashes should be made up in an open, sunny position, and the pots plunged to two-thirds their depth in this. Sufficient space must be allowed them to make their growth without overcrowding. The watering must be carefully attended to, and arranged as here advised, with a portion only of the pots covered; they will require rather liberal supplies of water. When the pots are well filled with roots, and they are growing freely, an occasional supply of liquid manure will be beneficial. Bushes that are producing a considerable number of shoots should have some of the weaker ones removed to give room for the others to attain their full development.

Lilacs prepared as here advised may be forced quite early, and the first batch may be placed in heat early in December. Where the stock is small it will be better to commence a month later, namely, at the beginning of January. They will succeed under the conditions that usually obtain in the forcing house; but the best results are obtained by commencing with a temperature of 50 or 55 degrees and increasing it to 60 degrees as the growth progresses.

Careful attention must be given them after they have produced their flowers,

HEADQUARTERS FOR

Hardy Cut Greens and Florists' Supplies



FANCY AND DAGGER FERNS, fine quality, $1.50 per 1000.
NEW CROP BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000; $7.50 per case of 10,000.
SOUTHERN WILD SMILAX, $3.50 and $7.00 per case.

LAUREL FESTOONING

Good and full, 5c and 6c per yard.
BRANCH LAUREL, 50c per bunch.
LEUCOTHOE SPRAYS, $1.00 per 100.



SPHAGNUM MOSS, 50c per bag; five bags, $2.00. **GREEN MOSS,** $1.00 per bbl.
FLORISTS' SUPPLIES—A full line of Florists' Supplies, Wire Frames, Corrugated Boxes, Cut Flower Boxes, Immortelles, Cycas Leaves, Sheaves of Wheat, Tin Foil, Cut Wire, etc.

HENRY M. ROBINSON & CO.

Tel. 2617-2618 Main. **15 Province St., 9 Chapman Pl., Boston, Mass.**

Mention The Review when you write.



Extra fine new crop **FANCY FERNS** $1.50 per 1000.
Discount on large orders
Boxwood, 20c lb.; 50 lbs., $8.50. **GALAX** Bronze and Green $1.25 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 Broadway, DETROIT, MICH.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

Ferns=Galax=Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000 .....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50
Boxwood
Per lb.....20c Per bunch.....35c
Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00
Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist
36 East Third St., CINCINNATI, OHIO

Mention The Review when you write.



FERNS

Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality.

Write for prices.

ROBERT GROVES
ADAMS, MASS.

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Cut Ferns=Galax Leaves

—THE YEAR AROUND—

Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy, 70c per 1000.

Special prices on lots of 100,000 and up.
Terms strictly cash, F. O. B. Elk Park, N. C.

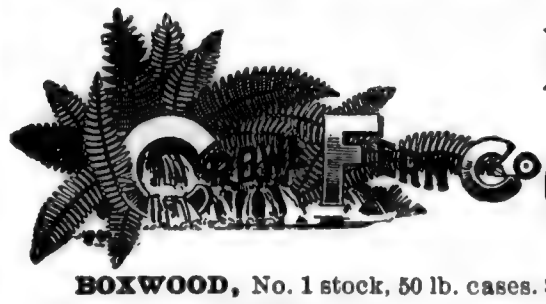
F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

unless it is intended to have a fresh stock every year. This would be so wasteful a practice that it ought not to be adopted, but instead the plants should be grown from year to year. Assuming that the latter course will be taken, it becomes necessary to point out that, as the growth will have been commenced under glass, the plants when they flower must be placed where they can complete their growth under similar conditions. A light, airy house will afford the most suitable quarters for them when completing their growth. A stout, short-jointed growth being the most favorable to flower production, the plants should be placed near the glass, and the ventilation so arranged that they will enjoy a free circulation of air about them. Whether fire-heat will be necessary or not will depend upon the period at which they bloom, but when they are flowered in March and April, very little, if any, will be required. Those, on the other hand, that are started so early that they bloom in January and February, will require some assistance from the heating apparatus. As an indication of the amount of artificial heat necessary, it may be mentioned that a temperature of 60 degrees is the most desirable. When making their new growth the plants should, if they have not been shifted into pots one size larger, be supplied with liquid manure alternately with plain water. Should the bushes be growing out of shape, or have become leggy, they should be pruned into shape or be cut rather hard back and encouraged by a rather higher temperature and overhead syringings to start quickly into growth. They may, if necessary, when new growth is commencing, be shifted into larger pots.

When the new growth is completed, and the completion is indicated by the buds, the plants should be gradually hardened off and be placed in a sunny position out of doors. Here the pots should be plunged to about two-thirds their depth in a bed of ashes made up on the surface. This is much better than plunging the pots to their full depth in a border of soil, as is sometimes done, as the water supply can be more carefully regulated and the risk of the soil becoming water-logged is avoided. As a matter of course these must be watered with the same care as advised for the young plants when being prepared, and occasional supplies of liquid manure be given throughout the summer. At every third or fourth watering liquid manure may be given.

There are now so many beautiful varieties in cultivation that the cultivator has a wide range for selection, but as they are not all equally suitable for flowering in pots, considerable care is necessary. The following are all suitable for forcing: Madame Lemoine, Frau B. Damman, and Marie Legraye, of the white varieties; Michael Buchner, Grand Duke Constantine, and President Carnot, of those having flowers of various shades of lilac; Alphonse Lavallee and President Grevy, of the blue lilac shade; Charles Joly and Souv. de Louis Späth are two fine purple varieties. —Gardeners' Magazine.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c. 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.



Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.

ALSO DEALER IN

Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

Mention The Review when you write.

GALAX LEAVES

and Leucothoe Sprays

J. G. LOVEN, MONTEZUMA, N. C.

Mention The Review when you write.

NAPA, IDAHO.—H. H. Mossman has concluded not to go into the greenhouse business, as he intended.

YOU may get along without your prayer-book, but a florist cannot get along without the REVIEW.—THOS. PEPPERDINE, Coatsworth, Ill.

MASON CITY, IA.—The Perth Florist Co., successor to Keath, has 5,000 square feet of glass and three acres in nursery stock. Seeds also are handled. The proprietor, Mr. Horning, says he looks for a good season's business in each department.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By a young man; two years on a private place in Illinois; has best references from former employers in Norway, Germany and France; wishes position as private gardener on a large place; years of experience. Address O. Pettersen, Box, 345, Elmhurst, Ill.

SITUATION WANTED—As foreman by a practical grower of roses, carnations, mums, palms, ferns, etc.; forcing of bulbs; capable of taking entire charge of a large modern plant; first-class references. Address Florist, 284 E. Ohio St., Chicago.

SITUATION WANTED—A young man wishes position with a large florist establishment; raised in the business in the Netherlands; well acquainted in the growing of roses and rhododendrons. Address Dick Been, 10730 Wentworth Ave., Roseland, Chicago, Ill.

WANTED TO RENT—Greenhouse establishment; about 12,000 square feet glass; near Philadelphia, Pa.; must be in good repair; take place in spring. Address Emil Wohlert, Florist, Bala, Pa.

HELP WANTED—Two gardeners for private places; must be all-round men; state reference. Kiehm's Nurseries, Arlington Heights, Ill.

HELP WANTED—Florist to take charge of carnation and plant growing establishment. Address No. **13**, care Florists' Review, Chicago.

HELP WANTED—Steady, sober man; must be good grower of carnations: $30 a month with board. Address No. **2**, care Florists' Review, Chicago.

HELP WANTED—Gardener and greenhouse man to take charge of private place: must be sober and industrious; single man preferred. Box 474, Montgomery, Ala.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. **1**, care Florists' Review, Chicago.

HELP WANTED—Experienced man for retail florist store; must know how to make up funeral work and wait on store; age 25 to 35. Chas. H. Fox, 21st and Columbia Ave., Philadelphia, Pa.

HELP WANTED—Greenhouse engineer to do steam-fitting, keep pumps, steamtraps in repair; must be steady and sober; married man preferred. Address No. **15**, care Florists' Review, Chicago.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—A general greenhouse man for palms, ferns and general line of blooming plants in pots; permanent position; please state age, and wages required. Floral Hill Greenhouses, 30th St. and Kingman Blvd., Des Moines, Iowa.

HELP WANTED—Foreman for commercial place where roses, carnations and a general stock is grown; have about 75,000 feet of glass in central state; give salary and full particulars in first letter. Address No. **3**, care Florists' Review, Chicago.

HELP WANTED—An up-to-date grower; single man; to take charge 18,000 feet glass; must be able to grow palms, ferns, carnations and bedding stock; must be a good propagator; do not answer unless you can fill the requirements. R. F. Gloede, Evanston, Ill.

HELP WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shubbery and two houses 17x60, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. **4**, care Florists' Review, Chicago.

HELP WANTED—A good greenhouse man as first assistant; capable of growing roses, chrysanthemums and general Easter stock; sober, good workman with best of reference; able when required to take charge; wages $12.00 week first year; after that what he proves worth. Address H. I. Faust, Merion, Pa.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month; stock price $650.00. A good retail place. Address No. **5**, care Florists' Review, Chicago.

FOR SALE—Store doing good retail business; must sell on account of sickness; cheap. Forty-eighth Ave., Floral Co., No. 1 S. 48th Ave., corner Lake St., Chicago.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,000 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—Wholesale greenhouse plant, steam heat, well stocked with roses and carnations; also modern two-story dwelling, all in first-class condition; will sell very reasonable. For particulars address No. **6**, care Florists' Review, Chicago.

FOR SALE—Wholesale and retail greenhouse business and residence at a bargain; in city of 25,000 inhabitants; only business of the kind in town; three florist stores in town as steady customers; good stock of plants and utensils; owner wishes to sell on account of long illness. Address S. W. Marshall, 335 Glenn Ave., Fresno, Calif.

FOR SALE OR TRADE—Greenhouse, 7,000 feet of glass, city of 4,500; fine heating system, Morehead steam trap; straight line to Chicago; good demand for vegetables and cut flowers; will sell or trade for a farm; house been built two years; ¼-block of ground in center of city; sell very cheap. Address No. **17**, care Florists' Review, Chicago.

FOR SALE—Old-established retail florist and landscape gardening business on Long Island, in one of the most restricted parts near the seashore; consisting of 6 small greenhouses, well stocked, all implements and machinery; a good opportunity, for the small amount of $6500 cash. Address No. **7**, care Florists' Review, Chicago.

HELP WANTED Married man as section foreman for roses in Pennsylvania. $15.00 per week. Address
No. 11, care Florists' Review, Chicago

WANTED
To Rent or Lease

Florist business, 6,000 feet or more glass in thriving city; Kentucky, Ohio, Indiana; possession, April or May. Address **No. 12**, care Florists' Review, Chicago.

WANTED

We want a traveling man who knows the florists' supply line thoroughly.

Must know the trade of the middle west, particularly the undertaking trade.

Address with references and wages,

No. 8, care Florists' Review, Chicago.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address
E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

For Sale Modern greenhouse, 3000 feet of glass, best of trade; good reason for selling: anyone with money can clear from $1,500.00 to $2,000.00 a year; it will pay to investigate. Address No. **18**, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE!
Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. **9**, care Florists' Review, Chicago.

FOR SALE.

One of the largest and best equipped florist stores in New Jersey; on best street in city of 30,000; next to trolly station, two blocks from the post office and Pennsylvania depot; business established 20 years; have fine horse and rubber-tire business wagon, show room, refrigerator show cases, conservatory 16x32 in rear of store; complete stock of everything in the florist line; will sell business complete for $2000; chance for a young, live, business man; immediate possession. Will introduce buyer and instruct him free of charge for two weeks. Address
No. 14, care Florists' Review, Chicago.

NOTICE is hereby given that the copartnership heretofore existing between John Fredrick Anderson and Thomas Peter Christensen, under the firm name of Anderson & Christensen, in the business of florists at Short Hills, N. J., has this day been dissolved. The said John Fredrick Anderson having purchased the interest of said Thomas Peter Christensen and assumed all the firm's indebtedness.
Dated December 29th, 1906.

P. S.—The houses are stocked with good salable plants in first-class condition, and the business will be continued as if no change had taken place, and all and everybody is guaranteed the same fair treatment as in the past.

Respectfully, J. F. ANDERSON,
Successor to ANDERSON & CHRISTENSEN.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address
No. 10, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 2.—Cucumbers, $1.50 to $2 doz.; leaf lettuce, 35c to 40c case; spinach, 40c to 50c box.

NEW YORK, Jan. 2.—Cucumbers in light receipt and firm. Lettuce steady. Radishes of best grade in strong demand. Parsley selling well. Tomatoes firm. Mint scarce. Mushrooms in fair supply and finding good outlet. Cucumbers, No. 1, $1.75 to $2.25 doz.; No. 2, $1 to $1.25 doz.; culls, $2 to $4 box; lettuce, 25c to 40c doz.; radishes, $2 to $3 per 100 bunches; spinach, 15c to 20c doz. bunches; mint, 50c to $1 per doz. bunches; tomatoes, 15c to 30c lb.; mushrooms, white, 30c to 75c lb.; brown, 25c to 65c lb.

BOSTON, Jan. 2.—The market is quiet. Cucumbers, $4 to $15 box; parsley, $1.50 to $2 bushel; radishes, $1.75 box; mint, 75c doz. bunches; lettuce, 25c to 40c doz.; romaine, 50c doz.; tomatoes, 30c to 35c lb.; mushrooms, 35c to 75c lb.

PACKING VEGETABLE PLANTS.

I note several inquiries, with interesting answers, and often note you speak of stock as being well packed, how necessary it is that it be well packed, etc. As many readers would undoubtedly order more than they do were they sure of receiving stock that had been well packed to stand 100 to 1,000 miles of express travel, will you kindly state how best to pack live plants, tomato, cabbage, cauliflower, celery, strawberries, etc.?

F. M. P.

Packing is purely a matter of experience. I know of no school for packers. I must say that in the great majority of cases we receive plants of all kinds most admirably packed at all seasons. The larger the firm, the better they pack, because they have experienced men who are constantly employed at the job.

The season has much to do with the question. If packed too tightly such seedlings as tomato, cabbage, cauliflower, celery, etc., would heat. I would say for these seedlings that they should be sorted into lots of twenty-five in a parcel. The roots should be about even and laid on a piece of paper large enough to go twice around the bundle of plants and projecting five or six inches beyond the roots. If the shipment were destined to go 1,000 miles you should scatter a little damp sphagnum moss on the paper before you laid the plants on it; then when the paper is wrapped around the plants the moss would be in touch with the roots. Wrap the paper around the plants and when once around fold in the paper that projected beyond the roots and you have a tight little parcel which will not unfold in transit.

In summer-time, or before danger of frost, these bunches of twenty-five plants can be stood upright in a shallow box and on the top of the box a few slats nailed. If the weather is cold the bundles of plants can be laid flat in a box in four or five layers and the cover nailed down tight. Between each layer of bundles you should have at least two layers of newspapers or perhaps better still an inch of excelsior, this to prevent heating.

In the case of strawberries and tomatoes, perhaps twelve plants will be enough in each bunch. In the closed box always have the box firmly filled, with no chance for the bundle of plants to shift, for when the box is closed on all sides expressmen cannot be expected to know on which side the box should lie. We have received 2,000 or more small lettuce plants with not a plant dead or bruised after a journey of 500 miles. Then again we have received a few hundred pansies which were so mixed up with the soil that we had to run the whole mass through a coarse sieve to separate the plants from the soil.

W. S.

FARTHEST NORTH.

The firm of Ashworth & Holmes has established the Saskatoon Nurseries, at Saskatoon, Saskatchewan, Canada, said to be the farthert north of any greenhouse plant in Canada. The nurseries will be under the management of Arthur Marriott, who for the last two years has made a distinct success of growing early vegetables, flowers, etc., under the limited glass at his disposal. There will be 10,000 square feet of glass in the Saskatoon Nurseries to start with and in addition to this there will be put down forty acres in nursery trees, including maple, poplar, birch and all kinds suitable for this country. The new concern expects to be able to supply Saskatoon at least with early cucumbers, tomatoes, celery, lettuce and other vegetables, as well as all lines of cut flowers, pot plants and bedding flowers.

Excavation has been made for the hotbeds and the manager's house is well under way. The glass-covered portion will be walled in with concrete walls five feet high, four feet of which will be below the ground level. The iron-frame roofing has been ordered and shipped from the King Construction Co. and also the Kroeschell boiler, from Chicago. The boiler is capable of supplying heat for 10,000 feet of 4-inch pipe.

The promoters of the concern are confident that a big field awaits an industry of this kind and nothing will be left undone to develop business. The manager's house will adjoin the glass houses at the north and a doorway will allow passage from one to the other without going outside.

GREENWICH, CONN.—Hitchings & Co. are building a fine range of fruit houses at Conyers Manor, where Henry Wild, late of Brookline, Mass., is superintendent. An immense amount of planting had been recently done on this fine estate.

FAIRHAVEN, MASS.—Peter Murray did a big Christmas trade in pot plants. He had a grand lot of Lorraine begonias. His Winsor carnation proved extremely popular with the public. Orders continue to come in almost daily for this fine new carnation.

BROCKTON, MASS.—W. W. Hathaway, the well-known Main street florist, had the best Christmas trade on record. Poinsettias, azaleas, Lorraine begonias and other well-flowered plants met with a fine sale. Roses, carnations, valley, violets, poinsettias and other seasonable flowers all sold well, while the demand for holly and other greenery was better than ever.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.
LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.
PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.
Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.
WILLIAM SIM, Cliftondale, Mass.
Mention The Review when you write.

Vegetable Growers should Send 5 Dollars,

for a swivel wheel and 20 1/8-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself, the **Wittbold Watering System,** or send for circulars of testimonials.
Louis Wittbold, 1708 N. Halsted St., Chicago
Mention The Review when you write.



Lambert's Pure Culture Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on **"Mushroom Culture"** mailed free on application.
American Spawn Co.
St. Paul, Minn.
Mention The Review when you write.

PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.
Fresh Tobacco Stems, in bales of 300 lbs., $1.50.
W. C. BECKERT, Allegheny, Pa.
Mention The Review when you write.

MUSHROOM SPAWN

Originators of improved varieties of cultivated mushrooms. "Tissue Culture Pure Spawn" of 7 varieties now ready. Get our booklet. It's free.
Pure Culture Spawn Co.
809 W. Fourth St. CINCINNATI, O.
Chicago Branch, 604 LaSalle Ave.
Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,
C. W. SKINNER, Troy, O.
Mention The Review when you write.

The Cleveland Seed Co.
AVON, N. Y.
Growers of..... **FANCY PEAS AND BEANS**
for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.
Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

TEXAS truckers are now an important factor in the mail order seed trade.

"Seeds Which Succeed" is the inscription on the envelope which brings the catalogue of the D. Landreth Seed Co.

VISITED CHICAGO: C. R. Root, manager of the Denver branch of the Barteldes Seed Co.; A. B. Agnew, of the Pacific Seed Growers' Co., San Francisco.

THE early catalogues are bringing a rather better response than usual. Buyers seem to understand the shortage in certain lines and are ordering early to be sure of getting what they want.

WITH few exceptions vine seed crops will be delivered in full, according to latest reports. Sweet corn also will be sufficient for all needs. Rocky Ford, Colo., evidently has a full crop of melon seed of the ordinary strains and what are termed the "specials" are offered freely.

ONION set prices are higher now than they were at this time last year, and the outlook for the coming spring is for higher prices than have ruled for several years. As an indication of what may be expected later on, present values may be mentioned as follows: Red and yellow, $2 per bushel; white, $2.75. These prices are for spring shipment on orders given now.

THE seed advertising in the January magazines is lighter than a year ago. Seedsmen who study advertising have found that "the direct command," the advertising psychologists' latest hobby, when put in the form "Send for my seed catalogue!" is more likely to be obeyed by people who want the pretty pictures to amuse the children with, than it is by those who buy seeds.

PETUNIA Rheingold belongs to the superbissima class of large-flowering petunias. The widely opened, clear, bright, golden-yellow throat is untarnished by the usual net of dark veins, and with the pure white margin a marvelous effect is produced, much superior to the old, pale-yellow forms marked with dark veins. It is one of the season's novelties of David Sachs, Quedlinburg, Germany.

THE Globe varieties of onion seed received as being crop of 1906 fall below the standard as to germination, but the flat sorts from the same sources test well. It is upon the retailer that the burden of a poor test of seed usually falls. A grower may explain how it happens that his seed does not test well and satisfy the retailer that he tells the truth, but the retailer is up against a different proposition when he tries to explain it to the consumer.

THE seedsmen who depend wholly upon their catalogues to bring them business, and to whom a correct printed price within said catalogue is of the utmost importance, have had a hard row to hoe to get their books out on time. Many of them have been holding back expecting to get fuller deliveries from the onion seed growers, and the lack of definite information from the growers upon whom they have been depending has engendered bad feeling in many cases, and has demoralized things considerably.

THE onion seed prices in the retail catalogues so far noted seem to be up to the full limit of the ordinary buyer's idea of what he can afford to pay, and

LEONARD SEED CO.
Leading Onion Set Growers
FLOWER SEEDS
SEED GROWERS
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CHICAGO

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

A. J. PIETERS SEED COMPANY
HOLLISTER, CAL.
Grower of
Vegetable and Flower Seeds
Special attention paid to SELECTED STOCKS:::::
A. J. PIETERS, President and Manager, will visit the trade December—January.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.
The Everett B. Clark Company
MILFORD, CONN.
East Jordan, Mich. Sister Bay, Wis.
We are now writing growing contracts for
PEAS AND BEANS
which we grow in both Michigan and Wisconsin.
Mention The Review when you write.

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street, San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive,
Leek, Mustard, Parsnip,
Parsley, Radish, Spinach,
Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO,
Radish, Peas, Muskmelon,
Squash, Watermelon, Sweet Corn.
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.
Mention The Review when you write.

in some cases higher than he will buy at. As an offset to this, the wax bean prices are again down to the market gardener's idea of what they are worth to him as a planting investment, while the turnips, beets and radishes, which might stand an advance, are little if any higher than in ordinary years.

THE shortage of onion bulbs for planting with the California growers is becoming serious. Red Wethersfield seems to be shorter than any other variety and some of the growers are making efforts to secure bulbs from outside sources, but without much success. This and other drawbacks will be likely to make the California onion seed product of 1907 shorter even than 1906.

THE question of seed for the flat varieties of onion usually sown for sets is still agitating the minds of those who buy it in quantities. The fact that a large quantity of seed that is of doubtful pedigree is available at a low price does not help matters. Growers are afraid to take hold of this seed, but are endeavoring to beat down the price of the proper article on account of it.

SEED growers from the Pacific coast making business trips in the east so far recorded at our office this season are A. B. Agnew, of the Pacific Seed Growers' Co., San Francisco; F. H. Routzahn, of the Routzahn Seed Co., Arroyo Grande, Cal.; Charles Kimberlin, of the J. M. Kimderlin Seed Co., Santa Clara, Cal.; E. H. Morrison, Fairfield, Wash. It is reported that others may conclude to come later on.

MAIL ORDER SEED TRADE.

J. F. Noll & Co., Newark, N. J., write as follows under date of December 27, 1906:

"For some time the writer has been seeing comment by the various seed houses on catalogue covers, the use of premiums, etc., to draw trade. Under separate cover, by even mail, we forward you a copy of our general catalogue for 1907 and also a copy of our booklet, "Why." We think we have a pretty good article in the way of a catalogue, for the class of trade for which it is intended. We have never, at any time in the history of our business, made a practice of offering $1 worth of seeds for 40 cents; neither have we ever offered the privilege of selecting $1.25 worth, or perhaps more, for $1. Our prices are plainly carried out and we have found this by far the best means of handling the trade.

"We have made quality the first consideration and we think our customers appreciate this, for the reason that we have gathered together the most critical gardeners into our list of buyers, from Florida to Boston. We have, however, for our mail order trade, tried the booklet this year for the first time. It is our intention, if it makes good, to use a series of booklets as a follow-up. It occurs to us that the booklet has been used with unvarying success in other businesses and we are, at present, having excellent returns from its use. It is only intended as a means of establishing interest and gathering new names, which it is accomplishing to our entire satisfaction. We would like your comment on the idea, and would appreciate any additional ideas you may furnish us."

The booklet is neatly printed, sixteen pages and cover. It aims to interest the farmer and gardener by contrasting the life of "nature's nobleman," as the poets call him, with the actualities experienced by the writer, and goes on to tell the story of "Noll's special strains." As a means of reaching new people it is good, for it may be sent out for not over 2 cents a copy, postage included, and none but planters are likely to fill in the return card enclosed, asking for the much more expensive general catalogue of eighty-four pages and 184 illustrations, printed on heavy, supercalendered paper.

It is interesting to note that in the Noll catalogue Red Globe and Yellow Globe onions are priced at $2 per pound (Yellow is $2.25 on another page) White Globe at $2.50; Scarlet Turnip White Tipped radish, 40 cents per pound; Alaska pea, $3.50 per bushel; Davis Perfection cucumber, $1.50 per pound; Wardwell's and Davis' beans, $5.50 per bushel.

CLEVELAND OPINION.

Cleveland seedsmen believe that the law providing for the free distribution of seeds by congressmen will be abolished during the present session of congress. The matter comes before the agricultural



New Crop Flower Seeds

Just received new crop stocks in fine condition.
SALVIA BONFIRE—My own growing, **Celebrated Floracroft Strain,** trade pkt., 30c; per oz., $2.00.
VERBENA—(Mammoth), white, scarlet, purple, pink, mixed, trade pkt., 30c; per oz., $1.25.
PHLOX DRUMMONDII GRANDIFLORA—In separate colors, trade pkt., 20c; per oz., 75c. **Dwarf Compact,** Snowball and Fireball, trade pkt., 30c; per oz., $1.50.
ASTERS—Finest sorts, many of my own growing.
ANTIRRHINUM—(Snapdragon), giant white, garnet, pink, scarlet, striped, yellow, mixed, tr. pkt., 20c; per oz., 60c.
My 1907 Market Gardeners' and Florists' Catalogues, also my **General Retail Seed Catalogue** for 1907, are now ready for distribution.
See my new **"STOKES' STANDARD"** way of selling vegetable seeds. **It is different.**

Stokes Seed Store.
219 Market Street, PHILADELPHIA, PA.

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HIGH-GRADE VALLEY

EARLY GIANT FORCING

The finest Valley on the market. Every pip bears a long, strong stalk with twelve to sixteen large bells. Per 100, $1.50; per 1000, $14.00; per case of 2,500, $34.50.

CURRIE BROS. CO. 312 Broadway, **Milwaukee, Wis.**

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THE FINEST VALLEY

Western Headquarters for Early Forcing Pips

$14.00 per 1000; $1.50 per 100. Now ready. This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. Order at once, as this stock is limited. Return at our expense if not satisfactory on arrival. (All cold storage stock is sold out.) We ship all over the U. S. and supply all the year around.

FANCY CUT VALLEY

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

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ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, **BERLIN, N. Y.**

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

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DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

—HEADQUARTERS FOR—

Cauliflower and Tripoli Onion Seed

(Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

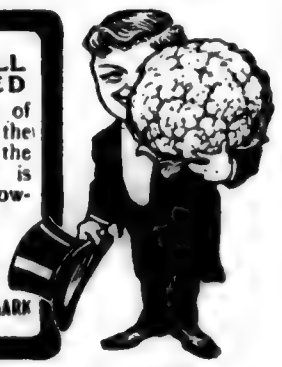
Ask for Our Wholesale Catalogue.

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WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



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CAULIFLOWER SEED

CABBAGE

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.

12 Stormgade, COPENHAGEN

Mention The Review when you write.

Choice Flower Seeds

The very finest strains of **Primula Sinensis, Herbaceous Calceolaria, etc.,** are grown and offered for sale by

H. B. MAY & SONS

UPPER EDMONTON, LONDON, ENGLAND

Price List on application.

Mention The Review when you write.

committee of the house again this month, when those opposed to the practice will be heard. C. E. Kendel, of the A. C. Kendel seed house, who is secretary of the American Seed Trade Association, will appear before the committee and present some of the arguments of the association. The executive committee of the association will have its meeting in Washington at the same time.

IMPORTS.

The imports of seeds through the port of New York for the week ending December 28 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annat ...	57	$ 1,104	Grass 577		$9,627
Caraway..	70	258	Mustard 100		1,174
Card'm ..	46	898	Poppy 756		2,147
Castor ...2,637		13,177	Rape 43		132
Clover ...	300	7,257	Sugar beet..450		3,234
Fennel ...	23	315	Other		5,799
Fenng'k .	160	788			

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $6,991.

WILSON PROPOSES REMEDY.

Secretary Wilson, of the Department of Agriculture, has a plan which would put an end to the free seeds. The plan proposed contemplates the introduction and breeding of new plants and fruits and the extension of the growing of others in climates suited to them. This is being done on a small scale, but as an example of what the department wants to do take the corn crop. It is proposed to improve corn by simply breeding and selecting a grain adapted to different climatic and soil conditions throughout the country. The work would be applicable in large part to all portions of the United States.

From seventy-three to seventy-five projects have been developed and these and many others will be submitted to congress. There is the question of increasing the production of beet sugar. Practically all seed for this plant now comes

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $1.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 18 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.

A VERY PROSPEROUS AND HAPPY NEW YEAR TO THE AMERICAN TRADE

Van Der Weijden & Co.

The Nurseries, Boskoop, Holland

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

Established 1880. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

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Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

26 Barclay St., P. O. Box 1250, New York

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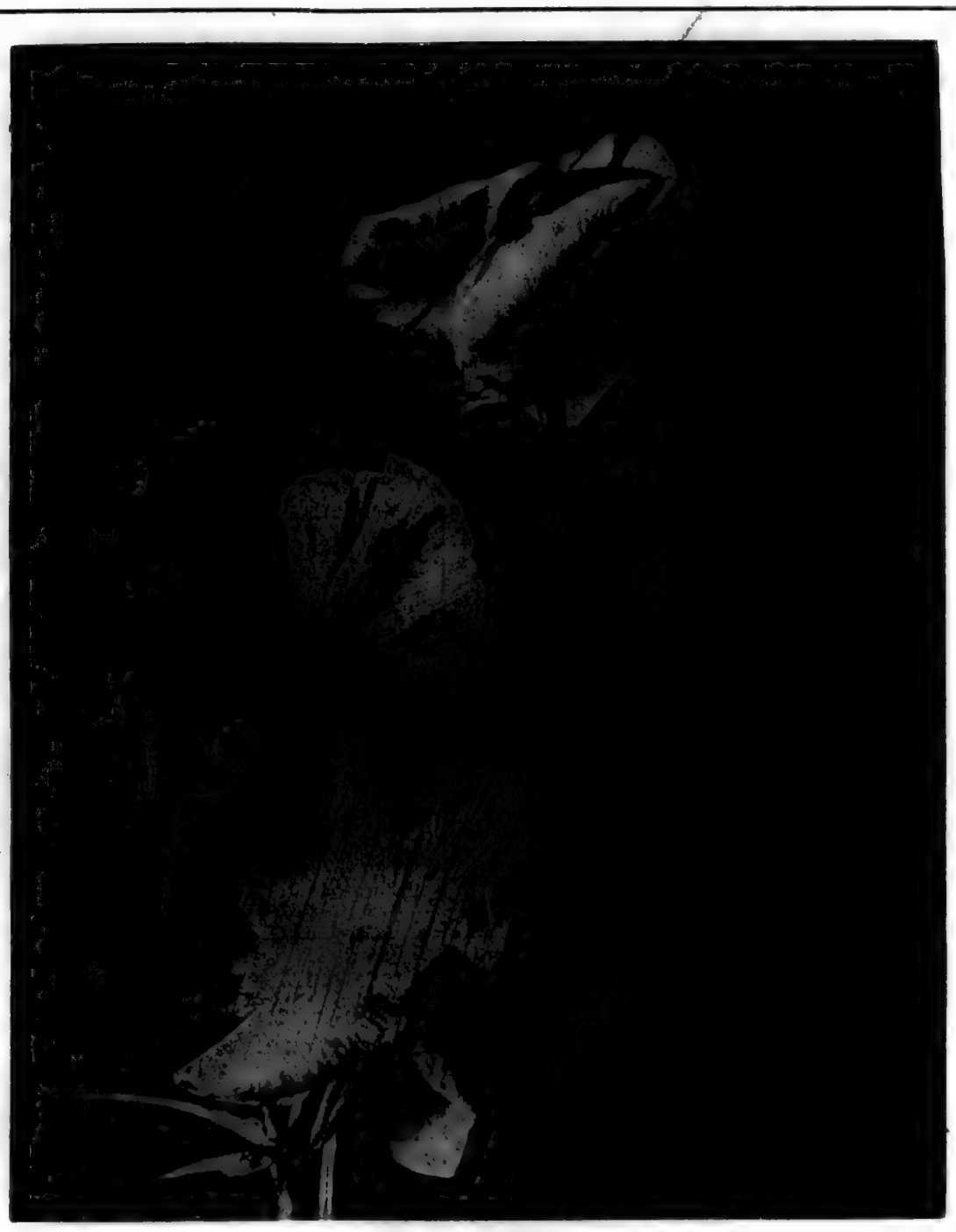
A part of our Rhododendron Hybrid.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.

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THE FOUR GRAND

Sweet Pea Novelties



E. J. CASTLE.

OF THE SEASON
...ARE...

NORA UNWIN

The most magnificent White yet introduced, far outdistancing Dorothy Eckford.

E. J. CASTLE

Rich carmine rose, salmon shading.

FRANK DOLBY

An Enormous flowered Lady Grisel Hamilton.

Mrs. Alfred Watkins

A superb Pink, somewhat like the old Princess Beatrice in color.

THE

Giant Flowered Offspring

...OF...

GLADYS UNWIN

Colors Absolutely Fixed.

Each, $2.00 per doz. pkts.; $15.00 per 100 pkts.

RECENT NOVELTIES

Sybil Eckford	per doz. pkts.	$1.00	Bolton's Pink	per lb.,	$3.00	John Ingman	per lb.,	$3.00
Queen Alexandra	" "	1.00	David R. Williamson	"	2.00	Miss H. C. Philbrick	"	2.00
Henry Eckford	" "	1.00	Evelyn Byatt	"	2.50	Phyllis Unwin	"	2.50
Gladys Unwin	per lb.,	.50	Florence Molyneux	"	2.00	Romolo Piazzani	"	2.50
Black Michael	"	2.50	Helen Lewis, (Orange Countess)	"	2.00	Shasta, New White	"	2.00

For full descriptions see our Catalogue, which is one of the most complete Wholesale Lists of Vegetable and Flower Seeds Published. Free on application.

WATKINS & SIMPSON

WHOLESALE SEED MERCHANTS

12 Tavistock Street, Covent Garden, LONDON, ENGLAND

Vick's Aster Seed

THE BEST IN THE WORLD

FINE NEW VARIETIES FOR 1907

Did you see our adv. in Christmas Number of the Florists' Review? Look it up. It is worth reading.

JAMES VICK'S SONS

ROCHESTER, N. Y.

THE LEADING SPECIALISTS AND LARGEST GROWERS OF HIGH-GRADE ASTERS IN THE WORLD.

Mention The Review when you write.

Seedsman Wanted

An inside and outside salesman for market garden trade; splendid opportunity for advancement; state age, experience and salary expected; correspondence strictly confidental. Address

No. 16, care Florists' Review. Chicago.

from abroad. Preliminary experiments and tests indicate we can grow as good or better seed in this country. It is intended, if congress gives permission, to produce and distribute commercial sugar beet seed with the primary object of developing a new American industry.

Secretary Wilson does not believe the present free seed distribution should continue because he regards it as a waste of public money. Undoubtedly when the question of inclusion of another appropriation for free seed, similar to that in past appropriation bills, is taken up by the house agricultural committee it will be rejected. This was done last year, but the free-seeders were strong enough to induce the house to authorize the appropriation. Whether they are so strong this year remains to be seen.

GRADING SEED CORN.

A perfect stand is one of the principal factors in securing a good yield. If three or four stalks per hill is a perfect stand, hills with one or two or with five or six stalks will make a poor stand and give a loss in yield. It is important to have good seed of perfect germination, and to have the seed grains dropped uniformly, with the right number in the hill. It is thus desirable, as emphasized by Prof. P. G. Holden, of the Iowa Agricultural College, to separate the seed ears selected into three classes, or grades, having small, intermediate, and large kernels, and shell and preserve these three grades of seed separately. Before beginning the planting, the planter can be carefully tested with each grade of seed, and the dropping plates with different-sized holes or marginal notches selected for each grade, which by careful trial are found to uniformly drop the desired number of kernels. These plates, after thorough test, can be marked, and used when needed with the proper size of seed grains without loss of time in the rush of planting.

TOLEDO GRASS SEED MARKET.

Toledo, the greatest clover seed mart in the world, is now obliged to buy large quantities of the seed in foreign markets. This unusual condition is occasioned by the shortage in the crops this year in this country. March seed is being purchased at $8.40 a bushel, or about 14 cents a pound, but this price, Toledo dealers say, is not in excess of what has been paid in this country.

Toledo dealers are buying quantities of clover seed in English, German and Italian markets, because the stock cannot be secured in America. Toledo dealers are interested in the law concerning the importation of clover seed which, after January 1, makes it mandatory that samples of all foreign seed be first submitted to the United States Department of Agriculture.

Asparagus Plumosus Nanus

Greenhouse grown, 100 seeds, 60c; $2.75 for 500 seeds; 1000 seeds, $5.00; $23.75 for 5000 seeds.

Please don't compare this with cheap outdoor grown seed which is inferior and offered at tempting prices.

Verbena, Mammoth Fancy Strain, in separate colors, **blue, pink, scarlet, striped** and **white,** 30c per trade pkt.; per oz., $1.50.

Mammoth Fancy Mixed of all colors, 30c per trade pkt.; per oz., $1.50.

Vinca — Carefully selected from choice plants.

	Trade pkt.	Oz.
Alba, white with rose center	20c	60c
Alba Pura, pure white	20c	60c
Rosea, pink	20c	60c
Mixed, all colors	15c	50c

CARNATION BANDS

Used by all progressive florists, to utilize bursted carnations.

1000.....15c 25c for.....2000
4500.....50c 75c for.....7000
$1.00 per 10,000. All postpaid.

Send for our combined order sheet and price list of **Florists' Flower Seeds**

HENRY F. MICHELL CO.

1018 Market St., Philadelphia, Pa.

Mention The Review when you write.

GLADIOLI

Augusta, May, E. Scribe, Mme. Monneret, Fire King, Orifiamme, Pactole, "1900," Marie Lemoine, Klondike. Assorted colors—Red, pink, yellow, white and light, variegated, blue and purple. Silver Trophy, 3 sections. Lemoine Hyb., Groff Hyb., choice mixture. Write for trade list.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

Augusta Gladiolus

First size, 1⅛ and up.....$12.00 per 1000
Second size, 1¼-1½..... 8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.

Mention The Review when you write.

CARE OF SEED CORN.

"It is advisable that all corn which is to be used as seed—for the breeding plat, for general planting, or for sale—should be preserved in the best manner possible," says C. P. Hartley, in a recent bulletin of the U. S. Department of Agriculture. "Good care consists in carefully drying the ears, and at the same time seeing that they dry quite rapidly. This should be done as soon as they are gathered, and they should then be stored in a dry place of even temperature and where they will not be reached by damp air. Seed corn, although it may have become very dry, will absorb moisture if it comes in contact with a damp atmosphere. When first gathered, seed corn often contains twenty to twenty-five per cent of moisture, and may be greatly injured in one day's time if allowed to freeze or to heat."

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr. pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, good per cent of new Sicily, 1000 seeds, 50c.
Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots, finest to be had, 1000 seeds, 25c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Salvia Bonfire. Finest variety grown, brilliant scarlet and compacta, 1000 seeds, 40c.
Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ⅛ pkt., 50c.

Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

BULBS OF GUERNSEY.

I noticed some remarks in a recent issue relative to Guernsey-grown bulbs in comparison with Dutch. In my experience Guernsey-grown bulbs are suitable for two or three definite purposes, and for those purposes no finer bulbs can be obtained. Selected stocks grown in the Channel Islands for forcing for very early work are a week or so in front of Dutch given the same treatment. This is no doubt accounted for by the advan-

Thorburn's Bulbs

LILY OF THE VALLEY PIPS

Just arrived and are, as usual, the finest imported into this market **no matter under what name.**

SPIRAEA

Japonica, extra strong clumps.	$3.50 per 100
Astilboides Floribunda.....	4.00 per 100
Compacta Multiflora.....	4.00 per 100
Gladstone.....	6.50 per 100

LILIUM LONGIFLORUM

	Per 1000	Per 100
6 to 8 inches.....	$27.00	$3.00
7 to 9 inches.....	45.00	5.00
Multiflorum, 6 to 8 inches...	28.00	3.00
" 7 to 9 inches...	50.00	5.50

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.



We made this halftone from a **Wash Drawing.** One of the many we are turning out for 1907 **Seed Catalogues.** Our artists are the best in the United States on flower and vegetable drawing. We make a specialty of **Cuts For Seedsmen.** All processes. Quick work if necessary. Satisfaction guaranteed.

CRESCENT ENGRAVING CO.

341-349 Clark Street, CHICAGO

Mention The Review when you write.

tage they have in early ripening. Probably when they are lifted and warehoused the fields in Holland are still green and full of growth. Before a bulb can be forced it requires a certain amount of rest and if by climatic or other influences it can be induced to go to rest earlier so much earlier will it force. A plain example is seen of this in Roman hyacinths; the further south they are grown the earlier will they bloom, and again, if an early ripening season occurs in Holland through hot, dry weather the Dutch bulbs always force earlier. The Guernsey bulbs are also fine for a grower who wishes to plant a large quantity outside for stock purposes, for rapidly obtaining a large number of bulbs and for producing a large quantity of bloom for market.

CATALOGUES RECEIVED.

[All catalogues are filed by The Review and are accessible to the trade for reference at any time. Following are the latest arrivals.]

Morehead Mfg. Co., Detroit, Mich., Morehead steam trap; Charles H. Lilly Co., Portland, Ore., general catalogue for 1907; W. Atlee Burpee & Co., general catalogue for 1907; Iowa Seed Co., general catalogue for 1907; Meine & Moss, gold fish; Albert Schenkel, Hamburg, Germany, plants and seeds; J. F. Noll & Co., Newark, N. J., general catalogue for 1907; John Peed & Son, London, England, general catalogue for 1907; D. Landreth Seed Co., general catalogue for 1907.

High-Grade Lily of the Valley Pips

NO BETTER QUALITY OFFERED TO THE TRADE

Selected Hamburg, for forcing.....$1.25 per 100; $10.00 per 1000; $25.00 per case, (2500 Pips)
Johnson's selected Berlin, unsurpassed.. 1.50 " 14.00 " 27.00 " (2000 Pips)

Tuberous-Rooted Begonia Bulbs, SPLENDID BULBS

	Per doz.	Per 100	Per 1000
Single, separate colors, Scarlet, Crimson, Rose, White and Orange...	$0.40	$2.50	$23.00
Single, choice mixed.....	.35	2.25	22.00
Double, separate colors, same as above colors.....	.60	4.25	38.00
Double, choice mixed.....	.50	4.00	37.00

Giant-Flowering Gloxinias, EXCEPTIONAL QUALITY.

	Per doz.	Per 100
Separate colors, Spotted Red, White, Blue, Red with White Border, and Blue with White Border.....	$0.50	$2.50
Choice mixed.....	.45	3.25

New Crop Flower Seeds Ready. Send for our New Florists' Wholesale Catalogue.

JOHNSON SEED CO., 217 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

RAWSON'S NEWPORT BEAUTY STOCK

INTRODUCED BY US IN 1906.

is the earliest, largest and most exquisite colored stock for winter forcing that has ever been introduced. Habit, foliage and color of flowers are entirely distinct from any other strain. The highest praise has been bestowed upon it by those who grew it this past season.

If wanted for Easter, seed should be sown in December. The above strain produces 90 per cent double flowers, the highest percentage of any strain. The following varieties:

Marguerite, pure white.....1-32 oz., 75c
Paust, most exquisite pink.....1-32 oz., 75c
Valentine, delicate lavender.....1-32 oz., 75c
Mephistopheles, fiery red.....1-32 oz., 75c
All varieties mixed.....1-32 oz., 75c

W. W. Rawson & Co. Arlington Tested Seeds Boston, Mass.

W. W. RAWSON & CO. 5 UNION STREET, BOSTON, MASS.

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Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

New Crop Flower Seeds Just Arrived

37 East 19th Street, NEW YORK CITY

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Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.

Rose Growers **WEST GROVE, PA.**

Mention The Review when you write.

Wm. P. Craig

IMPORTER—EXPORTER

Plants, Bulbs and Seeds

1305 Filbert St.

Monogram Brand Correspondence Solicited. **Philadelphia**

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DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. ATCO, N. J.

Mention The Review when you write.

IN renewing my subscription to your valuable paper I do so with a great deal of pleasure. And were it three times the amount I would not begrudge it, as it is, and always will be, a welcome visitor. I often remark how wonderfully the REVIEW has grown. With best wishes for its continued success,—F. J. FILMORE, St. Louis, Mo.

Calendars Received.

The REVIEW has been remembered with attractive calendars by the Iowa Floral Co., Des Moines; the Jackson Floral Co., Jackson, Miss.; J. D. Pruessner, Galveston, Tex.

NEW PORTAGE, O.—C. R. Young is now the sole proprietor of the business formerly owned by the firm of Snyder & Young, having bought out his partner, Mr. Snyder.

TAUNTON, MASS. — Taunton Greenhouses report a first-class Christmas trade, every salable plant being disposed of, such as azaleas, primulas, cyclamens, poinsettias, etc., and many foliage plants. Among the latter Nephrolepis Whitmani sold finely. Flowers sold well, carnations, violets and roses being favorites in order named. Trade since Christmas has continued good.

INDIANAPOLIS.

Current Comment.

Christmas has come and gone and in its passing has left a record for business. All the store men commenced early and stayed late, and still the demand was not satisfied and could not be, as the supply was exhausted. Carnations, roses and poinsettias were most in demand. Some bulb stuff was to be had, also violets and sweet peas, but they did not go far. Plants sold well, Lorraine begonia still being the favorite. With such a demand prices had to be good. Cloudy weather is still the order of the day.

At the meeting of the State Florists' Association of Indiana F. Harritt, F. Hukreide and H. Schilling were appointed a committee to take charge of and arrange all flowers for exhibit in connection with the annual meeting January 8. This meeting will be held at the Commercial club, rooms having been secured for the purpose and it is hoped a large attendance will be on hand.

The city council is about to reduce the number of employees engaged at the various parks. The park superintendent's salary got a substantial cut not long ago and now the force will get it where the chicken got the axe. A little jealousy is the main cause for all this economy.

Some of the local growers are going in for summer roses this coming year.

S.

STAMFORD, CONN.

Some extra fine seedling carnations are to be seen at the greenhouses of Oliver Hoyt. A fine pink, between Lawson and Prosperity, long stem and a red, said to be much better than Craig and as large as Enchantress, are among the best. There are also some fine white and crimson seedlings. This is the second year for these seedlings and he now has about twenty-five plants of each of these varieties. William Stack is the gardener.

M.

COLUMBIA CITY, IND.—D. C. Noble says that he had an exceptionally good Christmas trade, nearly everything sold, and that his light pink Lawsons are doing fine.

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

Mention The Review when you write.

10,000 FERNS THAT MUST BE SOLD

BOSTONS—For 6-in., $20.00 per 100; for 5-in., $15.00 per 100. **PIERSONI**—For 6-in., $25.00 per 100; for 5-in., $20.00 per 100. **SCOTTII**—For 5-in., $20.00 per 100; for 4-in., $15.00 per 100. All No. 1 stock, low and bushy, and sure to please.

CASH PLEASE.

BENJ. CONNELL, West Grove, Pa.

Mention The Review when you write.

Finest Stock

of **Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States.** Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

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GERANIUMS

We have a very large stock of young Geranium plants in 2-in. pots, which will make fine stock for spring sales. These have been grown cool and are nice, stocky plants. If you are short of your requirements, it will pay you to stock up now. **MARVEL,** the best dark red; **MME. CASTELLANE,** fine cherry red; **JEAN VIAUD,** best bright pink; $2.50 per 100; $20.00 per 1000.

Our Stock of Carnations

embraces all the leading varieties and we will have fine strong cuttings to offer through the season. Our new list will be out early in January. If in want, let us hear from you.

POCAHONTAS, our new crimson for 1907, $12.00 per 100; $100.00 per 1000.

A. F. J. Baur **BAUR & SMITH** F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

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MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

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ROOTED CARNATION CUTTINGS

	100	1000		100	1000
W. Perfection	$6.00	$50.00	Flamingo	$2.00	$15.00
L. Bountiful	3.00	25.00	Crane	2.00	15.00
Vesper	2.00	18.00	P. Lawson	1.50	12.50
B. Market	1.50	12.50	Joost	1.00	9.00
Flora Hill	1.00	9.00	Eclipse	2.50	
Fred Burki	2.50		Enchantress	2.00	15.00
Cardinal	4.00	35.00	Prosperity	1.75	12.50
Estelle	2.00	15.00	Aureola	2.50	20.00

CHAS. DAUERNHEIM, Jr., Kimmswick, Mo.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

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Carnations

MY SPECIALTY

SOL. GARLAND, DES PLAINES, ILL.

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New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses. Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

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FANCY FERNS and GALAX—High-Grade Stock

Orders filled satisfactorily.

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Prop.

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

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Wholesale Cut Flower Prices.

Buffalo, Dec. 31.

	Per doz.
Beauties, Specials	$10.00
" Fancy	7.00
" Extra	5.00
" First	4.00
	Per 100
Brides and Maids, Extra	$15.00 to $18.00
" " No. 1	10.00 to 15.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 20.00
Golden Gate	5.00 to 15.00
Kaiserin	6.00 to 10.00
Perle	5.00 to 10.00
Carnations	2.00 to 6.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	1.00 to 1.50
Stevia	1.00 to 1.25
Romans and Narcissi	2.50 to 3.50

Milwaukee, Jan. 2.

	Per 100
Beauties, Medium	$25.00 to $50.00
" Shorts	12.50 to 18.00
Bride and Bridesmaid	6.00 to 12.00
Golden Gate, Chatenay	6.00 to 12.00
Liberty	8.00 to 12.00
Richmond	8.00 to 12.00
Perle	6.00 to 12.00
Carnations	4.00 to 8.00
Valley	3.00 to 4.00
Stevia	1.50
Violets	1.50 to 2.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	18.00
Adiantum	1.00 to 1.50
Poinsettias doz.,	$2.00-$4.00
Paper Whites, Romans	3.00 to 4.00
Callas	18.00

Cleveland, Jan. 2.

	Per doz.
Beauties, Specials	$10.00
" Extra	7.00
" Select	4.00
" No. 1	2.00
" Shorts	1.50
	Per 100
Kaiserins	$ 4.00 to $ 6.00
Brides and Bridesmaids	4.00 to 10.00
Carnations	3.00 to 6.00
Violets	1.00 to 1.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

SWEET PEAS
PINK AND WHITE
$1.50 and $2.00 per 100

Gardenias $6.00 per doz. White Violets $2.00 per 100.

S. S. PENNOCK-MEEHAN CO.
THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

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WHOLESALE FLORIST
1526 Ranstead St., PHILADELPHIA

THE CHOICEST
Mid-winter Flowers
OF ALL THE STANDARD VARIETIES IN ANY QUANTITY.

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PITTSBURG CUT FLOWER CO., Ltd.
222 Oliver Avenue, PITTSBURG, PA.
Rhinebeck Violets, Fancy Roses, Fancy Carnations

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Jan. 2.

	Per doz.	
Beauties, Specials		$ 9.00
" Extra	$6.00 to	7.50
" Medium	3.00 to	5.00
" Short	1.50 to	2.50
	Per 100	
Brides and Bridesmaids, Fancy	$15.00 to	$20.00
" " Select	8.00 to	12.00
" " Ordinary	4.00 to	6.00
Richmond, Liberty, Fancy	35.00 to	40.00
" Select	12.00 to	20.00
" Ordinary	4.00 to	8.00
Killarney, Chatenay, Fancy	15.00 to	20.00
" " Select	6.00 to	12.00
Golden Gate, Select		15.00
" " Ordinary	6.00 to	10.00
Carnations, Fancy		8.00
" Select	5.00 to	6.00
" Ordinary	2.00 to	4.00
Harrisii Lilies, doz., $2.00		
Adiantum Cuneatum		1.00
" Hybridum		1.50
Asparagus Plumosus, Strings	50.00 to	75.00
" Sprays, bunch..50c-75c		
" Sprengeri, bunch...50c		
Smilax	12.50 to	15.00
Valley	4.00 to	6.00
Cattleya Trianæ		75.00
Cypripediums		15.00
Callas	12.50 to	15.00
Violets Single	.75 to	1.00
" Double	1.00 to	2.00
" White		2.00
Laelia Anceps alba		75.00
Gardenias, doz., $6.00		
Bouvardia	5.00 to	6.00
Pansies	1.00 to	1.50
Snapdragon	4.00 to	5.00
Sweet Peas	1.00 to	2.00
Daisies, White and Yellow	1.00 to	2.00
Stevia	1.00 to	1.50
Roman Hyacinths	2.00 to	3.00
Paper White Narcissus	2.00 to	3.00
Poinsettias, Fancy	25.00 to	35.00
" Ordinary	12.50 to	20.00
Mignonette, Fancy		8.00
" Ordinary		4.00
Trumpet Major	5.00 to	6.00

Pittsburg Florists' Exchange
15 DIAMOND SQUARE
217-223 DIAMOND STREET
All Cut Flowers and Florists' Supplies

W. E. McKISSICK, Wholesale Florist
1221 FILBERT STREET, PHILADELPHIA
Fancy Mignonette and Easter Lilies

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WHOLESALE FLORIST
11 SOUTH 16TH STREET, PHILADELPHIA, PA.
Choice Flowers, Leucothoe Sprays, Selected Galax, $7.50 per case.

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A Good Opening
for a first-rate carnation grower.
WILLIAM J. MOORE, Wholesale Florist, 1237 Filbert St., Philadelphia.

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In all sizes, from $1.00 to $3.50 each.
FINE STOCK.
J. W. YOUNG,
GERMANTOWN, PHILADELPHIA, PA.

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FLORISTS' SUPPLIES
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CARNATIONS, PAPER WHITES, DAFFODILS and SMILAX.
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1432 So. Penn Square, PHILADELPHIA, PA.

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The PHILADELPHIA CUT FLOWER CO.
WHOLESALE FLORISTS
Store opens 7 a. m., closes 8 p. m.
1516 and 1518 Sansom Street, PHILADELPHIA

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We are HEADQUARTERS FOR EVERY KIND of Cut Flowers in THEIR SEASON

OUT-OF-TOWN FLORISTS promptly attended to. Telephone for what you want.

Reasonable Prices, Square Dealing. Tel. 3860, 3861 Madison Square.

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TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

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Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

THOMAS YOUNG

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43 West 28th St., NEW YORK

Receiver and Shipper of Cut Flowers. Consignments Solicited.

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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

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Consignments Solicited

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Room for a few more first-class growers of American Beauties Violets and Carnations.

Roses, Violets, Carnations, Cattleyas, Cyps., Narcissus.

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WALTER F. SHERIDAN

Wholesale Commission Dealer in

CUT FLOWERS

39 W. 28th St., NEW YORK

(Established 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

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122 W. 25th St., New York

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We manufacture all our METAL DESIGNS, BASKETS, WIRE WORK and NOVELTIES and are dealers in Glassware, Decorative Greens and all Florists' requisites.

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The Limprecht Florist Supply Co.

119 W. 30th Street, NEW YORK

Telephone, 1438 Madison Square.

General Florists' Supplies and All Kinds of Greens for Decorating Purposes.

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New York, Dec. 31.

	Per 100	
Beauties, Specials	$50.00 to	$75.00
" Fancy	25.00 to	40.00
" Extra	15.00 to	20.00
" No. 1	10.00 to	15.00
" No. 2	5.00 to	10.00
" Shorts	2.00 to	4.00
Brides and Maids, Special	10.00 to	15.00
" " Extra	8.00 to	10.00
" " No. 1	4.00 to	6.00
" " No. 2	2.00 to	4.00
Golden Gate, Chatenay	3.00 to	15.00
Killarney	3.00 to	15.00
Richmond	5.00 to	25.00
Orchids, Cattleyas	50.00 to	75.00
Cypripediums	10.00 to	1.200
Gardenias	50.00 to	75.00
Carnations, Common	1.50 to	2.00
" Selects	2.50 to	4.00
" Fancies and novelties	5.00 to	10.00
Violets	.75 to	1.25
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	8.00 to	15.00
Lilies	10.00 to	15.00
Lily of the Valley	2.00 to	5.00
Smilax	8.00 to	12.00
Paper Whites	1.50 to	2.00
Callas	8.00 to	12.00
Hyacinths	1.00 to	2.00

THE REVIEW is the pusher.—J. G. ANGEL, Neosho, Mo.

I COULD not run my business without the REVIEW.—S. J. HIDER, Hillsboro, O.

MONTGOMERY'S book on Grafted Roses sent by the REVIEW for 25 cents.

I WATCH for the coming of the REVIEW each week and certainly get much pleasure and profit from reading it.—E. P. HILL, Shelbyville, Ky.

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Telephone, 3864 Madison Square.

Violets Roses and Carnations

Mention The Review when you write.

Gunther Bros.

30 West 29th Street,

Phone, 551 Madison Square, NEW YORK

Violets, Roses, Carnations, Orchids.

Established 1888.

GROWERS—Important—Special advantages for you this season. Write or see us.

Mention The Review when you write.

ESTABLISHED 1872

PERKINS & SCHUMANN

Wholesale Commission Florists

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Headquarters now in the Coogan Bldg.

in close touch with the market.

Best Facilities and Accommodations

for growers in the city.

Orchids, mums, asparagus, smilax; all kinds of cut flowers in their season. On the ground floor; convenient for our customers.

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The Largest Shippers and Receivers of Fresh Cut Flowers

☞A complete assortment of the best in the market can always be relied upon.

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106 Livingston St., BROOKLYN, N. Y.

Telephone 4638 Main.

Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

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1871 **James Hart** 1907

(The Original Pioneer House)

Commission Dealer in CUT FLOWERS

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EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

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SATISFACTION GUARANTEED.

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Roses, Carnations, Valley, Orchids, Gardenias, Violets and Every Variety of Cut Flowers.
Richmond Roses—Out-of-town shipments. Write or telegraph for them.
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Wholesale Florists
55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION
Telephone, 756 Madison Square

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THE WHOLESALE FLORIST OF NEW YORK
43 WEST 28th STREET
PHONES, 1664 1665 MADISON SQUARE
ENOUGH SAID

George Cotsonas & Co.
Wholesale and Retail Dealers in all kinds of
Ever-greens
FANCY and DAGGER FERNS.
GALAX—Brown and Green.
50 West 28th St., NEW YORK CITY.
LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.
Telephone 1202 Madison.
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H. E. FROMENT
Wholesale Commission Florist (Successor to W. Ghormley)
Receiver and Shipper of All Varieties of Cut Flowers
Telephones, 2200 and 2201 Madison Square 57 West 28th St., NEW YORK.

FRANK MILLANG
Cut Flower Exchange, Coogan Bldg.
55-57 W. 26th Street, NEW YORK
Phone, 299 Madison Square.
Open from 6 a. m. to 5 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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53 W. 28th St., NEW YORK
Tel. No. 1415-1416 Madison Square
Stands at Cut Flower Exchange. Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves
Mention The Review when you write.

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and Dealers in Florists' Supplies,
76-78 Court Street, Brooklyn, N. Y.
Phones, 3660-3661 Main
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H. KENNEY, 88 Rochester Ave., BROOKLYN
Largest stock and greatest assortment in the country at half the regular rates. Any design made on shortest notice. Send for Price List. Shipments anywhere.
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C. W. EBERMAN
WHOLESALE FLORIST
FLOWERING & DECORATIVE PLANTS
of Every Description.
53 West 30th St., New York City
Mention The Review when you write.

J. Seligman Joseph J. Levy
John Seligman & Co.
Wholesale Florists
56 West 26th Street,
Tel. 4878 Madison Sq. NEW YORK
Opposite New York Cut Flower Co.
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A. M. HENSHAW
Wholesale Commission Florist.
Consignments of first-class stock solicited.
Prompt returns.
"THE SQUARE DEAL"
guaranteed to all who deal here.
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TEL. 5583 Madison Square.

A. L. YOUNG & CO.
WHOLESALE FLORISTS
CONSIGNMENTS OF CHOICE CUT FLOWERS SOLICITED
Prompt Payments. Give us a trial.
54 West 28th St. NEW YORK
Telephone, 3559 Madison Square.
Mention The Review when you write.

RUSSIN & HANFLING
Office and Salesroom
114 West 28th Street, NEW YORK CITY
Manufacturers and Importers of
WILLOW and FANCY BASKETS For Florists
Dealers in Florists' Supplies
Our Specialties, Wheat Sheaves and Baskets
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The Geller Florist Supply Co. Inc.
110-112 W. 26th St., NEW YORK
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Full line of FLORISTS' SUPPLIES and all Decorative Greens, Ribbons and Novelties. We manufacture all our Metal Wreaths, Baskets and Wire Work. Come and see the new store.
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A. HERRMANN
Department Store For Florists' Supplies
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.
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THE KERVAN CO. 20 West 27th St. NEW YORK
Wholesale dealers in Fresh Cut Palmetto and Cycas Palm Leaves, Galax, Leucothoe, Ferns, Mosses, all Decorating Evergreens.
Mention The Review when you write.

WILLIAM H. KUEBLER
Wholesale Commission Dealer in
CUT FLOWERS
Room for the products of growers of first-class stock.
"WATCH US GROW!"
28 Willoughby St., Brooklyn, N. Y.
Tel., 4591 Main.

The best way to collect an account is to place it with the
National Florists' Board of Trade
56 PINE ST., NEW YORK
Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.
Mention The Review when you write.

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Wholesale Dealer in
Wild Smilax, Galax, Palm Leaves, Leucothoe Sprays, Fancy and Dagger Ferns.
Long Maine Princess Pine, $7.00 per 100 lbs.
Orders received now for December delivery.
370 Pearl St.
Brooklyn, N. Y.
Green Goods.
Order all you need; we never disappoint.
Brooklyn Agent for Caldwell's Parlor Brand Wild Smilax.
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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics with the Correct Pronunciation for each. Sent postpaid on receipt of 25c.
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334 Dearborn St. Chicago.

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FLORAL ALBUM, size 12x11, containing 24 different funeral designs.
By express, $5.00 C. O. D.
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Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 2.

	Per doz.	
Beauties, long stems	$ 6.00 to	$ 8.00
" 30-inch stems	4.00 to	5.00
" 24-inch stems		3.00
" 20-inch stems		2.00
" 15-inch stems		1.50
" 12-inch stems		1.00
" Short stems		.75
	Per 100	
Bridesmaids, Specials	$10.00 to	$12.00
" Firsts	6.00 to	8.00
Brides, Specials	10.00 to	12.00
" Firsts	6.00 to	8.00
Richmond, Specials	15.00 to	25.00
" Firsts	6.00 to	12.00
Liberty	6.00 to	25.00
Golden Gate, Firsts	10.00 to	12.00
" " Seconds	6.00 to	8.00
Killarney	8.00 to	25.00
Uncle John	6.00 to	12.00
Perle	6.00 to	12.00
Chatenay	6.00 to	15.00
Carnations, Select	2.00 to	3.00
" Fancy	4.00 to	6.00
Violets, double	1.00 to	1.50
" single	1.00 to	1.50
Cattleyas..per doz., $6.00 to $9.00		
Dendrobium—		
Formosum....doz., $3.00 to $5.00		
Harrisii	15.00 to	18.00
Callas	12.00 to	15.00
Valley	2.00 to	5.00
Jonquils	5.00 to	6.00
Sweet Peas	1.00 to	1.50
Bouvardia	2.00 to	6.00
Paper Whites, Romans		3.00
Stevia	1.50 to	2.00
Mignonette	6.00 to	8.00
Asparagus, Strings	35.00 to	50.00
" Sprays, per bunch, 25-75c		
" Sprengeri, " 25-35c		
Ferns.....per 1000, $2.50		.25
Galax.....per 1000, $1.00 to 1.50		.15
Adiantum Cuneatum		1.00
" Croweanum		1.50
Smilax.....per doz., $1.50 to $2.00	12.00 to	15.00

One insertion of our advertisement in the Review sold all the cinerarias we had ready.—Ray H. Palmer, Randolph, N. Y.

The Review is the best, the most helpful and the most satisfactory paper in the trade today.—W. G. Newell, Galesburg, Ill.

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Chrysanthemum

By Arthur Herrington

Formerly president Chrysanthemum Society of America.

The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

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Florists' Supplies

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Poehlmann Bros. Co.

Wholesale Growers of and Dealers in Cut Flowers

All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

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WHOLESALE CUT FLOWERS

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Room 218. L. D. Phone 3284 Central.

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37-39 Randolph Street, CHICAGO.

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CUT FLOWERS

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Be Your Own Commission Man

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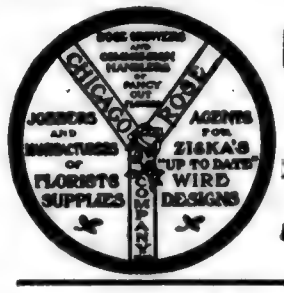
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Write for our wholesale price list.

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Mention The Review when you write.

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Valley, American Beauties, Brides and Maids, Sprengeri, Asparagus Plumosus, Carnations and Violets and all seasonable flowers. Large stock of Stevia on hand; can supply you at lowest market prices at short notice. All orders will have our prompt attention. A trial order will convince you. Telegraph or telephone when you need Cut Flowers to

HENRY M. ROBINSON & CO., Tel. Main 2617-2618, **15 Province St., 9 Chapman Pl., Boston, Mass.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Jan. 2

	Per 100.
Beauties Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	10.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 10 00
Kaiserin	4.00 to 10.00
Liberty	6.00 to 20.00
Meteor	4.00 to 10.00
Perle and Sunrise	3 00 to 8.00
Carnations	2.00 to 8.00
Chrysanthemums	10.00 to 25.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.75 to 2.00
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00

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Wholesale Commission Dealer

Cut Flowers and Florists' Supplies

Consignments Solicited.

L. D. Phone, M. 980; Night Phone, W. 81 Y.

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Wholesale Commission Florist

Cut Flowers and Florists' Supplies

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Write for price list. Consignments solicited.

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Cut Flowers and Florists' Supplies

Phones, Main 3062, West 855-L.

110-112 East 3rd St., Cincinnati, O.

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Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price lists on application.

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Lilium Giganteum

Fine, sound bulbs, 7 x 9, $55.00 per 1000.

Lilium Multiflorum

9 x 11, $9.00 per 100.

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Phone 6268, 6267, 5419 Main

New England Headquarters for

Carnations, Violets, Roses, Lily of the Valley

Carefully selected and packed for long distance shipment.

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Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand Write for catalogue and prices.

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H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 2.

	Per doz.
Beauties, Specials	$ 9.00 to $12.00
" Extra	4.00 to 6.00
" Shorts	1.50 to 2.00
	Per 100
Brides and Maids, Specials	$ 8.00 to $15.00
" " No. 1	5.00 to 6.00
Golden Gate	5.00 to 10.00
Richmond	5.00 to 15.00
Carnot	5.00 to 15.00
Carnations, Common	3.00 to 4.00
" Fancies	4.00 to 6.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets	1.00 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00

Pittsburg, Jan. 2.

	Per doz.
Beauties, Specials	$ 8.00 to $ 9.00
" Fancy	5.00 to 7.00
" Medium	3.00
" Short	1.50
	Per 100
Brides and Bridesmaids, Fancy	$18.00 to $20.00
" " Medium	10.00 to 12.00
" " Short	4.00 to 8.00
Richmond, Specials	20.00 to 25.00
" Select	15.00
" Ordinary	6.00 to 10.00
Kaiserin, Specials	8.00 to 10.00
" Ordinary	4.00 to 6.00
Killarney	8.00 to 20.00
Chatenay	8.00 to 15.00
Perle	4.00 to 10.00
Bon Silene	4.00 to 6 00
Cusin	4.00 to 10.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4 00 to 6.00
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	1.00 to 1.50
Paper Whites	2.00 to 3.00
Roman Hyacinths	1.00 to 4.00
Freesias	4.00

Wholesale Cut Flower Prices.

Boston, Jan. 2.

	Per 100.
Beauties, Specials	$50.00 to $100.00
" Extra	20.00 to 40.00
" Short Stems	6.00 to 20.00
Brides, Specials	8.00 to 16.00
" Seconds	3.00 to 6.00
Bridesmaids, Specials	8.00 to 16.00
" Seconds	4.00 to 6.00
Chatenay	4.00 to 20.00
Wellesley, Killarney	4.00 to 16.00
Liberty, Richmond	6.00 to 30.00
Carnations, Special	6.00 to 8.00
" Select	4.00 to 5.00
" Ordinary	3.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50,00
" Sprengeri, bunches	25.00
Smilax	10.00 to 12.00
Harrisii	12.00
Violets	1.00
Cattleyas	40.00 to 50.00
Cypripediums	10.00 to 12.00
Callas	12.00
Antirrhinum	3.00 to 4.00
Sweet Peas	1.50
Mignonette	2.00 to 4.00
Paper Whites, Romans	2.00 to 2.50
Poinsettias	10.00 to 20.00

Holton & Hunkel Co.

WHOLESALERS OF

Cut Flowers, Palms, Ferns

and a General Line of Plants

MANUFACTURERS OF

WIRE WORK AND FLORISTS' SUPPLIES

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Wm. C. Smith & Co.

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1316 Pine St. ST. LOUIS

Both long distance phones.

Supplys and Everything in Season always on hand.

Mention The Review when you write.

THE PIKES PEAK FLORAL CO.

Exclusively Wholesale

COLORADO SPRINGS, COLO.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

YOUR ORDERS for EVERY DEPARTMENT of FLORAL ART are earnestly solicited and my personal attention will be given even to the smallest detail

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Main Store, 1193 Broadway, NEW YORK

Branch Stores, 1474 Broadway, New York; Madison Ave. and 71st St., New York.

..ORDERS FOR..

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WILL BE FILLED BY

P. J. HAUSWIRTH

13 Congress Street

Auditorium Annex. Telephone Harrison 585.

Colberg & Lemke

21 E. 6th St., St. Paul, Minn.

Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

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SUCCESSORS TO SIEVERS & BOLAND

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ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN

WASHINGTON, D. C.

GUDE BROS. CO. FLORISTS 1214 F ST. N.W. WASHINGTON, D.C.

GUDE'S

ORDERS for DULUTH

and vicinity will be carefully looked after by

W. W. SEEKINS

109 W. Superior St., DULUTH, MINN.

GALVESTON, TEXAS

MRS. M. A. HANSEN

Y. M. C. A. BUILDING

FRED C. WEBER

4326-4328 Olive Street

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Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

TRUMAN C. FLAGLER

926 Fulton St., Brooklyn, N. Y.

Tel., 2135-J Prospect. Greenhouses at Poughkeepsie.

In the heart of the bon-ton retail section of the City of Churches. Telegraph or send your orders from any part of America and they will be well and promptly filled with fresh stock from our own houses. No disappointments. No delays. Send me a Trial Order.

JOHN BREITMEYER'S SONS

COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

will take proper care of your orders in

WISCONSIN

CHOICEST FLOWERS

George H. Berke

FLORIST

Local and Long Distance Phones.

1505 Pacific Ave., ATLANTIC CITY, N. J.

Houghton & Clark

396 Boylston Street,

Boston, Mass.

Geo. M. Kellogg

Wholesale and Retail Florist

906 Grand Ave., KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Tel. 1552-1553 Columbus

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Belmont Hotel, 42nd St., New York

NEWPORT, R. I.

☞Orders from any part of the country filled carefully and at wholesale prices.

Palmer's

Buffalo, N. Y.

W. J. Palmer & Son, 304 Main St.

Mills The Florist

36 W. Forsyth Street

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DENVER, COLORADO

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

FOR OTHER LEADING RETAIL FLORISTS SEE NEXT PAGE.

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Telephone No. 3034 Madison. **No. 2 WEST 29th ST.,** One door off Fifth Ave., **NEW YORK.**

The leading florists in all the large cities of the United States and Canada can safely intrust their theater and steamer orders to me. Personal attention guaranteed. I ask for but one trial to insure your confidence.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

Alexander McConnell

571 FIFTH AVENUE, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street. **Cable Adddress: ALEXCONNELL.** **Western Union Code**

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Trade orders well cared for from all parts of the Country, and delivered at Theatre, Hotel, Steamer or Residence. Address

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MYER 609-611 Madison Avenue New York

Long Distance Phone, 5297 Plaza.

RETAIL ORDERS SOLICITED FOR

PITTSBURG, PA.

H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

The Geo. Wittbold Co.

1657-1659 Buckingham Place, Chicago

The only retail florist in Chicago who grows his own cut flowers.

Funeral Work Orders, Our Specialty

...THE...

CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

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WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in **North Dakota**

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PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

S. B. STEWART

119 No. 16th Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

YOU WILL FIND ALL THE BEST OFFERS ALL the time in the Review's Classified Advs.

S. MASUR

FLORIST
238 Fulton St.
Near Clark St.
Tel. 334 Main.

Brooklyn, N. Y.

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph
All orders given prompt attention.

STEAMER SAILINGS.

Travel to Mediterranean and other southern ports begins with real winter. Compared to summer sailings it amounts to little for the florists, but it is nevertheless worth while to occasionally remind the public of your facilities for delivering flowers at distant points on short notice. Here are principal sailings:

Steamer—	From—	To—	Sails.
Caronia	New York	Egypt	Jan. 5
Noordland	Philadelphia	Liverpool	Jan. 5
Cedric	New York	Egypt	Jan. 5
Hamburg	New York	Naples	Jan. 10
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19
Canopic	Boston	Egypt	Feb. 23
K. Albert	New York	Naples	Feb. 23
Ivernia	Boston	Liverpool	Mar. 5
Pannonia	New York	Naples	Mar. 12
Republic	Boston	Egypt	Mar. 16
Carpathia	New York	Naples	Mar. 26
Slavonia	New York	Naples	Apr. 9
Canopic	Boston	Egypt	Apr. 10
P. V. Louise	New York	Naples	Apr. 11

I THINK the REVIEW is O. K. I have got so interested in it that I keep watching for the mail man every Saturday.—T. J. ALLEN, Lewiston, Me.

MORRISTOWN, PA.—Robert Hull had several hundred dollars' worth of plants destroyed by the cold on the night of December 12, owing to the breaking down of his heating plant.

WINNIPEG, MAN.—The Winnipeg Floral Co. was fortunate enough to secure, for the holiday week, the place formerly occupied by the Imperial Dry Goods Co. This enabled them to handle the holiday trade to better advantage than they could do at their regular store on Portage avenue. They had a fine display of flowering plants and cut blooms at both establishments.

PACIFIC COAST.

SAN JOSE, CAL.—The Ruehl-Wheeler Nursery Co. has been granted a permit to build a greenhouse.

THE supervisors of Yuba county, Cal., recently passed an ordinance that no grape vines could be imported into Yuba county unless the shipper showed a certificate from the state horticultural commission to the effect that there had been no phylloxera or anaheim disease in the county from which the vines were shipped during the last five years. But the state commission has no means of knowing, and hence cannot certify—and there you are.

SAN RAFAEL, CAL.

The Marin County Horticultural Society was organized December 19, in accordance with the decision of a convention, held December 5. The following officers were elected: John L. Jack, president; J. Hetherington, vice-president; Thomas P. Redmayne, secretary; Richard Lohrman, treasurer.

Meetings will be held every first and third Wednesday of each month in San Rafael, at Peterson's hall, B street, near Second street. Visiting members of the craft are cordially invited to attend. As a majority of those actively engaged in horticulture, in Marin county, are already enrolled, and others have signified a willingness to coöperate, there is no doubt as to a successful future.

If sufficient interest is shown by the public to warrant it, the society will, no doubt, hold an exhibit during the coming year that will do credit to this little garden spot.

THOMAS P. REDMAYNE, Sec'y.

SAN FRANCISCO.

The Market.

Christmas has come and gone and we are within a couple of days of the new year. We have hardly yet had sufficient time to tell how good business really was, but on all sides I have had assurances that it was the best holiday enjoyed in several years. The weather up to Monday afternoon was all that could be desired, although both on Christmas eve and morning there were light showers, but not of sufficient quantity to interfere to any extent with business.

It is hard to tell what was most in demand. Owing to warm weather there was an abundance of flowers of all kinds, including violets. Good mums were in shorter supply than anything else and big prices were paid by the retailers for ordinary stock.

Carnations cost the stores from $4 to $10 per hundred and were retailed at about double these prices at most of the stores. Roses were in fair supply and of good quality and the growers charged for Brides, Maids and Liberty from 75 cents to $2 per dozen. Beauties sold well at from $3 to $5 per dozen wholesale.

Valley was plentiful and good. Roman hyacinths were seen less than usual and were not in special demand. Poinsettias were eagerly bought up and proved to be one of the most rapid sellers of the season. There was a shortage of them, especially of the cut stems.

Violets held out well; $2 per dozen bunches was the ruling price and from 25 cents to 50 cents was obtained per bunch by the retailers. The indications for a continuance of trade are good.

Various Notes.

Over in Oakland big Christmas business was the order of the days preceding it, and all the dealers were well satisfied.

James Skinner, after disposing of three carloads of Christmas trees, has left on a trip to Oregon and Washington.

Domoto Bros. had one of the largest stocks of valley to cut for the holidays; $4 per hundred was the price obtained by this firm.

The Holland Nursery Co. had a big cut of carnations of splendid quality. Enchantress is a specialty at this place.

The California Evergreen Co. handled about ten tons of California red berries in addition to several carloads of various greens.

The Sievers Floral Co. reports a heavy demand for extra long-stemmed Beauties. Their show-windows are one of the sights of the town.

Ferrari Bros. were in line with a fine lot of Bridesmaids and Brides.

William M. Bowen, formerly of Los Angeles, is now located at 2221 Telegraph avenue, Berkeley.

N. Rolleri has gone on a two weeks' trip to southern California.

Charles Bridges has returned from a month's visit to Portland, Oregon.

Douglass Fraser, formerly of Vallejo, California, expects to enter the floral arena in Oakland. G.

CHRISTMAS PLANTS AT FRISCO.

There is considerable change in the demand for the various kinds of potplants from year to year and it is especially noticeable during the Christmas holidays. The greatest call this season was for poinsettias in the shape of growing plants either planted separately or in pans containing from three to five plants. Valley was also a good seller and Erfordi begonias have lost none of their popularity. With ferns and palms, although there were many disposed of, it was evident from the queries of the customers that their ideas ran more to showier combinations.

Several seasons ago camellias and azaleas in bloom were eagerly sought after, but they were not much in evidence this season and the retailers had but few calls for them. Heaths and ardisias, both of which have formerly been much sought after, were given but little attention. Roman hyacinths in pots sold fairly well, but not so good as formerly. Chinese primulas were not exhibited in anything like the quantity seen in other years and they attracted but little attention.

The poinsettia was by far the most sought for flower, and, although there was a great scarcity of them down south, owing to the cold snap, they were displayed in good quantities by most of the dealers and were eagerly bought at good prices.

Adiantum and Asparagus plumosus in 6-inch and 7-inch pots sold well. The Boston ferns did not quite keep up their record of former years, although many fine specimen baskets and pots were shown by the stores.

There was little demand for any variety of palm except the kentia. This appears to be the old standby and has apparently superseded all the other palms. I refer here to the latania, cocos and Corypha Australis.

Asparagus Sprengeri, both in baskets and pots, when the specimens were extra good, sold good. Jerusalem cherries did not appear to interest many buyers.

Red bells and red immortelle wreaths did not sell as well as last season. The

WELL ROOTED CARNATION CUTTINGS

SPECIAL—Are you going to plant **Enchantress** heavily this season? We are prepared to supply an almost unlimited demand. 50,000 well rooted cuttings ready now at $1.60 per 100; $15.00 per 1000.

	Per 100	Per 1000
WHITE		
White Lawson	$2.00	$15.00
Gov. Wolcott	1.40	10.00
Flora Hill	1.40	10.00
Queen Louise	1.20	10.00
SCARLET—Estelle	1.60	15.00
G. H. Crane	1.40	10.00
America	1.40	10.00
Red Lawson	1.60	12.50
YELLOW—Eldorado	1.40	10.00
PINK—Hannah Hobart (novelty 1906, Sievers)	$7.50	$60.00
Mrs. Lawson	1.40	10.00
G. Lord	1.40	10.00
Argyle	1.20	
Mrs. Joost	1.20	10.00
CRIMSON—Harlowarden	1.40	12.50
Gov. Roosevelt	1.40	12.50
VARIEGATED Lawson	1.60	15.00
Prosperity	1.40	12.50
Gaiety	1.20	10.00

Ready to ship at once. Cash with special discount of 5 per cent or C. O. D. privilege examination. Money back guarantee. We pay return charges on all shipments arriving in an unsatisfactory condition if returned at once. Express charges paid by us on all orders. No disease of any description. Unrooted cuttings half price.
25 cuttings at 100 rate; 200 at 1000 rate.

LOOMIS FLORAL CO., LOCK BOX 153, Loomis, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.
American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.
Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.
Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $3.00 per 100.
Cyclamen Per. Giganteum, 2-in., $5.00 per 100.
The following from 2-inch at $2.00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).
Smilax, 2½-in., $2.00 per 100.
Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.
Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.
Champion Strain—After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.
Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

500,000 ROOTED CARNATION CUTTINGS

For immediate shipment, with more coming.

HANNAH HOBART, BEST DARK PINK on the market; **JNO. H. SIEVERS & CO., 1906,**

January delivery, $7.50 per 100; $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....

	Per 100	Per 1000
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

200 cuttings or more at 1000 rate. 5 per cent off for cash or will ship C. O. D. if preferred.
Express charges prepaid by us on all cutting orders. SATISFACTION GUARANTEED.

Loomis Carnation Co., Loomis, Cal.

CARNATIONS

250,000 healthy, well rooted Cuttings of choice and standard varieties, as follows: Hannah Hobart, Enchantress; Red, White, Pink and Variegated Lawson; Estelle, Mrs. Joost, G. H. Crane, America, Eldorado, Harlowarden, Gov. Wolcott, Queen Louise, Flora Hill, Governor Roosevelt, Richmond Gem, Genevieve Lord, Argyle and Gaiety. Write for price list, terms, etc to

THE HERMITAGE CARNATION CO., D. F. Roddan, Prop., LOOMIS, CAL.

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110.00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong, field-grown divisions, **true to name,** $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal.

department stores carry them now and they have reduced the prices so low that there is little money to be made in such material by the ordinary florist.

With green stuff the demand was heavy. Much English holly was sent to San Francisco from British Columbia, and, despite the fact that the stores were compelled to pay $18 per small barrel for it and that it lasted but a short time, when removed from the barrels, it sold well.

But little eastern holly was seen here this year. It is not in favor with the customers apparently.

Red berries, mistletoe and huckleberry had an unprecedented sale and many dealers made more money out of their green goods than from any other source.

Garlands and festooning, also not made by florists generally, had a prominent place in the window decorations around town. G.

OAKS, N. D.—D. C. Walter has sold out his greenhouse business and has gone to Prescott, Ariz.

PORT FERRIS, N. Y.—Frank Lamereaux was robbed, December 20, while on a train from New York city, of overcoat, rubbers and a book. A woman is believed to have been the thief.

BALTIMORE.

The Market.

Christmas business was good and a great many stores afterwards looked as though a cyclone had struck them. Christmas day was the coldest we have had for thirty-five years and great difficulty was experienced in making deliveries.

Carnations were scarce and, in fact, all kinds of cut blooms were short. Bulbs of all kinds were used to good advantage and everything in the shape of a flower was salable. Greens of all kinds were cleaned up. There was a steady demand for plants and large numbers were sent as presents. Thousands of various kinds of yarding were used for decorations. The retail stores never looked more like a paradise, and no one is making any complaints as to the lack of business. With all this happiness, there was considerable funeral work disposed of.

Various Notes.

W. Christie, of Waverly, has opened an attractive store at Gay and Eden streets and will be in the neighborhood of George E. Personett.

W. Moore, gardener for H. Hurst, Woodbrook, Md., has completed two new houses 20x47 feet each.

J. J. Cummings, on West Baltimore street, is still displaying some extra fine poinsettias.

Albert G. Fiedler & Co. report that they had as much business as they could handle this Christmas, and every year there has been a steady increase over the last.

Robert Halliday was presented, Christmas week, with a bouncing baby girl.

J. C. Reinecke, gardener for Norman James, is cutting some extra fine Gates, Brides and Maids. He has one of the finest kept houses in that section.

L. Lancaster had a fine Christmas business in the suburbs. J. L. T.

NEW ORLEANS.

After a little spell of cold we are again enjoying spring weather and business is quite brisk. Several balls, the opening of a new theater and funeral work have kept some florists busy. At the funeral, a few days ago, of a prominent cotton merchant more than 150 floral offerings were presented.

A few years ago the custom of decorating with plants and flowers at Christmas, as is done in the northern states, was hardly noticeable in New Orleans, where most of the population originated from the Latin race, which does not observe Christmas day as much as the Anglo Saxons. But everything is changed now and this Christmas was a record-breaker. Never before was such a quantity of holly sold. Some came from Delaware, some from Alabama, some from the pine woods around New Orleans. The best came from Alabama. For several blocks Canal street was lined with stands with wreaths and everyone sold out. Christmas trees were short. One or two days before December 25 the scarcity was felt in the market and every dealer had to run to the woods and cut any piece of green, which was sold at a good price.

The high price of northern flowers prevented a few from buying, but a fair supply of our home flowers, which had been protected by an exceptionally mild season, gave a chance to almost everybody to have a few flowers. No doubt, every florist must be satisfied and have in mind that another Christmas day must find them well supplied with good stock. M. M. L.

RIVERSIDE, ILL.—The firm of Schmidt & Mayer, otherwise known as the Riverside Floral Co., dissolved partnership, by mutual consent, December 19, 1906. Anton J. Schmidt, on retiring from the firm, immediately assumed control of his new range of greenhouses in Riverside.

LEWISTON, ME.—T. J. Allen reports an excellent Christmas trade, both cut flowers and plants being in strong demand. More flowers could have been sold but for the high prices prevailing, $8 being asked for very moderate carnations in Boston commission houses. Landscape work continues to increase, but competent men to assist in this branch are hard to find. Another greenhouse will be added during the coming season.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THE Eastern Nurserymen's Association meets at Rochester January 25.

THE Vineland Nurseries Co., Clarkston, Wash., has increased its capital stock from $15,000 to $35,000.

ELLWANGER & BARRY are advertising Rose Snow Queen with the statement that it was originally known as Frau Karl Druschki.

ORLANDO HARRISON, president of the American Association of Nurserymen; E. Albertson, of Bridgeport, Ind., and Prof. John Craig, of Ithaca, N. Y., were in New York last Saturday attending the conference of economic entomologists.

BREEDING AND POMOLOGY.

The Maine Agricultural Experiment Station is just sending out Bulletin No. 132, "Plant Breeding in its Relation to American Pomology." As noted in this bulletin, the whole question of plant and animal breeding is in a state of transition. The first step in the improvement of American fruits was a crude selection of chance seedlings, wherever found, and it is a notable fact that many of the best known fruits of today were accidental seedlings or chance discoveries of valuable wild forms.

Cross fertilization as a means of improving plants has been generally employed only a little more than half a century, but this has now become of special importance as a means of combining the good qualities of different types.

Among the problems which demand attention at the present time is the production of disease-resistant qualities in fruits; and this study is being vigorously pushed by the Department of Agriculture. The question of the mutual influence of scion and stock has long been under discussion, but little accurate work has been done toward solving the problem. The influence of certain chemicals upon the color, composition and other characteristics of fruits are of perennial interest and this study is being conducted at the Maine Agricultural Experiment Station. The existence of graft hybrids is freely maintained, but the principles involved have been little studied. The individuality of fruit trees is frequently suggested, but few data bearing upon the point are available. These and many other problems, fundamental and far reaching in their importance, are presented to the student of plant development. It is to this class of problems, more scientific but not less practical in their nature than those usually taken up in pomological discussions, that the systematic breeder of American fruits is turning at the present time.

RUDBECKIA MAXIMA.

One of the grandest plants of the autumn season is Rudbeckia maxima, a stately plant which baffles many who attempt its cultivation, and, on the other hand, thrives apart when in the right position. The rough and ready methods of cultivation generally satisfactory with most rudbeckias must find no place in the treatment of R. maxima. It requires, and is worthy of, special treatment. It will not thrive in wet soils, preferring a deep, light loam, and one must wait for two years after removal before the plant will show its proper character. It grows to a height of two or three yards, and has broad, glaucous leaves in loose tufts, handsomer than those of the best funkia, and is a welcome bit of bold foliage all the summer long. The yellow flowers are not very regular, generally lacking a petal or two of their full complement, but they are finely colored, and the huge black cones that occupy the centers project two inches, and are very striking.

One might examine every part of the plant, and consider they all lacked some measure of what florists call "finish," but there can be no question of their great value in the plant border. I should not hesitate to group it in a large bed for its stately grandeur, in gardens where it thrives in the plant border, but I would test it fully there first. It is not particular as to the quality of the soil provided it is planted a little above the general level. Droughts cannot harm it, for the roots reach incredible depths; but cold, rain-saturated soil in winter will cripple it as nothing else can. Spurious forms are in cultivation, but are readily distinguished by having greenish foliage and uncommon vigor.—Gardeners' Magazine.

NOTES FROM ENGLAND.

It is not often the general public has an opportunity to subscribe to a purely horticultural venture, but in one of the latest prospectuses the public is invited, through the Daily Mail, to subscribe £40,000 to the British Orchid & Nursery Co., Ltd. This company, with a capital of £50,000, is taking over the well-known high-class orchid importing and growing business of John Cowan & Co. of the Gateacre nurseries, near Liverpool. There is no doubt that orchid cultivation is annually growing with rapid strides and bids fair to become more popular, especially among the middle class or prosperous business people. The company, with the three of the Cowan family as directors and managers, should be successful in dividend earning, as these gentlemen have been well known for many years to be orchid experts, whether in growing, collecting or importing.

Each year brings results of fresh experiments, more or less successful, in retarded plants and bulbs. We have now quite a catalogue of these out-of-season growths. In addition to the well-known lily of the valley and Japan liliums, we have spiræas, lilacs, Azalea mollis, dielytra and others. It can hardly be said that the retarding of these is a commercial success, not that they cannot be flowered at the other end of their natural season with perfect success, as some fine exhibits of Azalea mollis in grandly flowered specimens at the November meeting of the Royal Horticultural Society has shown. But from a commercial standpoint the cost of retarding erect, bulky subjects, compared with the amount realized when bloomed, is altogether a losing business. Spiræas, for instance, were tried for the London markets in big quantities. But the price realized was disappointing, with the result that most growers who handle retarded stuff are again confining themselves to the less bulky and more profitable lily of the valley and Japan liliums.

The black currant mite may be said to have practically destroyed the growth of this valuable fruit in the United Kingdom. Many acres have been dug up and burned after the grower had cultivated them for five or six years, with the hope of eventually gaining the mastery of the pest. B. J.

KALMIA LATIFOLIA

MOUNTAIN LAUREL

An almost unlimited quantity of plants absolutely perfect in make up, with fine balls of earth. Positively unequalled by any others in this country or Europe. Special and very low rates in car lots.

J. T. Lovett, Little Silver, N. J.

Mention The Review when you write.

Boxwood Exhausted, no more to offer until spring importations arrive.

MANETTI for delivery January 1: 3-16 to ¼ inch.....$10.00 per 1000; ⅛ to 3-16 inch..... 7.50 per 1000

10,000 **HYDRANGEA P. G.** in cellar. What size do you want?

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

Hedge Plants

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.

61 Years. Send for our Wholesale Price List. 600 Acres.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

Mention The Review when you write.

Carnation Cuttings.

Mrs. Thomas Lawson,	$1.50 per 100;	$12.00 per 1000	
Lady Bountiful	2.50	" 20.00	"
Cardinal	3.00	" 25.00	"
White Lawson	2.50	" 20.00	"
White Perfection	6.00	" 50.00	"
Victory	6.00	" 50.00	"
Robt. Craig	6.00	" 50.00	"
Helen Goddard	6.00	" 50.00	"
President	2.50	" 20.00	"
Estelle	2.00	" 15.00	"
Morning Glory	2.00	" 15.00	"
Lieut. Peary	2.50	" 20.00	"
Enchantress	2.00	" 18.00	"
Glacier	1.75	" 14.00	"

Write for prices if you want quantity.

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

Chrysanthemum Stock Plants

Bonnaffon, Jones, Eaton (yellow and white), Appleton, Ivory, Golden Wedding, Maud Dean, Goldmine, Convention Hall, Polly Rose, Pacific, Amorita, A. Byron, Jeanne Nonin, Dr. Enguehard, Guy Hamilton, $5.00 per 100. Orders booked for rooted cuttings at $12.50 per 1000.

Poinsettias, stock plants, $5.00 per 100.

10,000 FERNS, Very Strong

	Per Doz.	Per 100
Piersoni, 5-inch	$3.50	$25.00
" 4-inch		10.00
" 3-inch		5.00
Scottii, 5-inch	4.00	30.00
" 4-inch		15.00
" 3-inch		8.00
Boston, 5-inch	3.50	25.00
" 4-inch		10.00
" 3-inch		5.00

J. D. BRENNEMAN, Box 24, HARRISBURG, PA.

Mention The Review when you write.

Choice Northern-Grown

2 Years in Field, Fine for Forcing

Crimson Rambler, 4 to 7 feet.... $8.00 per 100
" " strong, No. 2. 4.00 per 100

C. M. NIUFFER, SPRINGFIELD, OHIO

Mention The Review when you write.

CAPE JESSAMINE.

(Gardenia Florida.)

Strong and stocky, 4 to 6-in., $2.00 per 100 $18.00 per 1000. Crape Myrtle, pink and purple, 1½ to 2 ft., field-grown, $5.00 per 100. California Privet, 10 to 15-in., 75c per 100; $6.00 per 1000; 15 to 20-in., $1.00 per 100; $9.00 per 1000. Well branched.

John Monkhouse, Caddo Nurseries, **Shreveport, La.**

Mention The Review when you write.

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR SPECIALTY Get our figures

88-91 Plymouth Place, **CHICAGO**

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

MANETTI STOCKS

Especially for Florists' Use. BEST FRENCH GROWN.

Grafting size, 3 to 5 m-m., per 1000.....$7.00; per 10,000.....$65.00.
First size, 5 to 10 m-m., per 1000..... 9.00; per 10,000..... 80.00.

Newark prices. **DUTY PAID.** For prompt delivery order NOW and avoid disappointment.

ROSES, two years, field-grown, well-rooted.

DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00

Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

SPECIMEN NURSERY STOCK

Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

Cottage Gardens Company
Queens, L. I., N. Y.

Mention The Review when you write.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Manetti

STOCKS, $9.00 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

Viburnum Plicatum

All Sizes.

Spiraeas, 4 varieties.
Double Althaeas, 4 colors.
Deutzias, Weigelias, Hydrangea Grand.,
Honeysuckles and other Shrubbery.

AT A BARGAIN

Write for prices.

The CONARD & JONES CO.
WEST GROVE, PA.

Mention The Review when you write.

Not a bloomin' thing but roses to offer you,

101 best sorts. Own roots. 2½ and 4-in. Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W. Peterson Ave. **Chicago**

Mention The Review when you write.

Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held in its room in Odd Fellows' hall, Saturday evening, December 21, President Dunbar in the chair. The business of the evening was the election of officers for the ensuing year. Joseph Dunbar was reëlected president, R. Boreham, vice-president, H. Kestberg, secretary, C. Wilson, treasurer, and J. Bradley, corresponding secretary.

H. Kestberg was presented with $25 in gold as a token of appreciation of his work for the society. Mr. Kestberg was taken by surprise and replied to Mr. Dunbar, who made the presentation, in a feeling manner. He is held in high esteem by the association and Joseph Dunbar is liked so much that no man would allow himself to be a candidate against him.

Refreshments were served and a pleasant evening was spent. There was a prize for the best bunch of carnations in variety, which was awarded to J. Bradley; H. Kestberg, second. James Scott, of Tarrytown, and Claud Wilson were the judges. There is a prize for the best bunch of fifty double violets, to be competed for at our next meeting.

J. Bradley, Sec'y.

SALEM, VA.

Current Comment.

Christmas week was quite a busy time here. There was a fair supply of good stock, both of roses and carnations, and the growers are thankful they had enough to supply their customers. The demand for flowering plants, such as cyclamens and primroses, was good and seems to be on the increase.

The prices for roses were at retail, for fancy, $2.50 per dozen and $1.50 to $2 for ordinary. Carnations brought $1.75 per dozen for select stock and $1 for No. 1. The demand for green stuff was about equal to the supply.

Mr. Curran, of the Salem Nurseries, reports a good trade and expresses himself as pleased with his first Christmas here.

The weather, up till Sunday, was mild; then the thermometer dropped to 20 degrees with a high wind, which made safe delivery difficult. R.

Norristown, Pa.—Owing to the breaking down of his heating plant, Robert Hull had several hundred dollars' worth of plants destroyed by the cold on the night of December 24.

Portsmouth, O.—The Herms Floral Co. suffered the loss of the bulk of its cut flowers a night or two before Christmas, on account of the cold snap. The gas proved inadequate to heat the store and on the same night the pump at the greenhouse broke down, cutting off the hot water supply.

CARNATION CUTTINGS READY

Order in time. Don't delay. Our cuttings are strong, healthy, and well-rooted. Unrooted cuttings at half price.

	100	1000
Enchantress	$2.00	$20.00
Crusader	1.75	12.50
Boston Market	1.50	12.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00
Candace	5.00	40.00

Rooted cuttings of MUMS. We have many kinds at lowest prices, Garthaza, Diana, Gallia, Daisy Mum, with many other varieties for the season. Write for prices on other stock.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
Nelson Fisher (cerise)	2.00	17.50
LIGHT PINK		
Enchantress	2.00	17.50
VARIEGATED		
Mrs. Patten	2.00	17.50

WHITE	Per 100	Per 1000
Boston Market	$1.25	$10.00
Lady Bountiful	2.00	17.50
White Lawson	3.00	25.00
RED		
Robert Craig	6.00	50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Sunrise	3.00	25.00
Uncle John	$1.50	$12.50
Chatenay	1.50	12.50
Ivory	1.50	12.50
Perle	2.00	17.50

Peter Reinberg

51 Wabash Ave., CHICAGO

Mention The Review when you write.

FERNS

We have about 30 000 Bostons in all sizes up to 8-in., and will meet any honest competition in large or small quantities.

Write for prices.

Elegantissima, 2½-in	per 100,	$5 00
" 3-in	"	9.00
Piersoni, 2½-in	"	4.00
" 3-in	"	8.00
Sprengeri, 2-in	"	2.50
" 3-in	"	6.00

CYCLAMEN

40,000 Cyclamen Seedlings, fine plants with two or more leaves, with bulbs as large and larger than buck shot, in five separate colors; grown from best quality seed, at $1.00 per 100.

8.00 per 1000.

75.00 per 10,000.

We are sending them all over the United States and they are giving universal satisfaction.

Come now send in your order at once. Satisfaction guaranteed.
Once a customer always a customer.

D. U. AUGSPURGER & SONS, Peoria, Ill.

BOX 778.

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ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var	$2.00	$15 00
Moonlight	2.00	15 00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12 50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

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Roses, 4000 Brides and Maids

from bench and dormant,
$6.00 per 100; $50.00 per 1000.

B. E. WADSWORTH, Box 224, Danville, Ill.

Mention The Review when you write.

CARNATIONS

30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market	$1.50	$12.50
Enchantress	2.00	18.00	Lawson	1.50	12 50
Queen Louise				1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

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CARNATIONS—Rooted Cuttings

RED CHIEF—The scarlet for every grower. Has a bright even color, a fine habit, perfectly clean and healthy and leads in productiveness. A Christmas scarlet in every respect.

BONNIE MAID—Edged white and shaded to a pink center. A pleasing and attractive flower. Early and very free.

ARISTOCRAT—Bright cerise pink.

WINSOR—Clear silvery pink.

POCAHONTAS—Bright crimson.

The above 5 varieties, $12.00 per 100; $100.00 per 1000.

WHITE PERFECTION—Always white, $6.00 per 100; $50.00 per 1000.

ROSE-PINK ENCHANTRESS—The true clear rose pink, $7.00 per 100; $60.00 per 1000.

VICTORY and **ROBT. CRAIG**—Scarlet, $6.00 per 100; $50.00 per 1000.

PINK PATTEN, pink; **CANDACE**, pink; **GLENDALE**, variegated; $5.00 per 100; $40.00 per 1000.

LADY BOUNTIFUL, white; **ENCHANTRESS**, light pink, $3.00 per 100; $25.00 per 1000.

Selected, well rooted cuttings is what we offer. Send for complete price list.

F. DORNER & SONS CO., LAFAYETTE, IND.

Mention The Review when you write.

ABUNDANCE

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices—$5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER
Great Neck, L. I., N. Y.

ORDERS BOOKED NOW FOR

Rooted Cuttings of Carnations

	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00

January, 1907, delivery.

W. B. GIRVIN, — — Leola, Pa.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa.**

Mention The Review when you write.

CARNATIONS, Strong, healthy, rooted cuttings

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$20.00
Cardinal	30.00	Mrs. Lawson	15 00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

HENRY BAER, R. F. D. 3, **Peoria, Ill.**

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig (best red), Nelson Fisher (best dark pink), M. A. Patten, Lady Bountiful, Queen. Orders taken now will be ready for Jan., 1907, delivery. Write for prices.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

A SAFE INVESTMENT
CARNATION HELEN GODDARD

Is filling all the claims of its introducers. A money-maker for all who plant it. Our stock is in excellent condition and only strictly A-1 cuttings will be sent out. Rooted cuttings ready Jan. 1, **$50.00 per 1000.**

Write for prices on other standard sorts.

GEORGE E. BUXTON, NASHUA, N. H.

Mention The Review when you write.

.....THE.....

Rose=Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY
824 No. 24th St., PHILADELPHIA, PA.

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Orders now booked for rooted cuttings of
CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

Asparagus

Asparagus Plumosus, 3-inch, $6.00 per 100; 4-inch, $10.00; 6-inch, $25.00 per 100.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00.
Boston Ferns, 8-inch, $1.25 each.
Piersoni Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 5c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

ROOTED CARNATIONS	100	1000
The Belle	$3.00	$25.00
Lady Bountiful	3.00	25.00
White Lawson	3.50	30.00
Boston Market	2.00	15.00
White Cloud	1.00	8.00
White Perfection	6.00	50.00

	100	1000			
Enchantress	$3.00	$25.00	Robt. Craig	6.00	50.00
Mrs. Lawson	2.00	15.00	Cardinal	4.00	35.00
Fiancee	3.50	30.00	Glendale	6.00	50.00
Victory	6.00	50.00	Harry Fenn	2.00	15.00
Light Pink Lawson				7.50	60.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

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2½-in. **Asparagus Plumosus**	$3.00 per 100
3-in. **Asparagus Sprengeri**	4.00 per 100
2-in. **Hibiscus,** in variety	2.50 per 100
2-in. **Flowering Begonias**	2.50 per 100
2-in. **Boston Ferns**	3.00 per 100
2-in. **Tarrytown Ferns**	5.00 per 100
2-in. **Scottii Ferns**	4.00 per 100
3-in. " "	6.00 per 100
4-in. " "	10.00 per 100

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

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GOVERNOR HERRICK
The New Single Violet

Shipped from Ohio, received special mention at Boston Carnation Convention, Jan., 1906.

H. R. CARLTON, Willoughby, Ohio

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Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

Mention The Review when you write.

NEWPORT.

Christmas Comment.

Until quite recently the greater number of the florists of Newport have paid little attention to the plant department of their business, either at Christmas or Easter, excepting, of course, that they all had a fair supply of lilies for Easter. If they happened to have an assortment of plants of their own raising in condition for Christmas sales, well and good; if not, little effort was made to procure them. I think that having settled down firmly to get along in this way they got themselves to believe there was no market here for plants at Christmas, or if there was, it was not important enough to arouse them to work for it. Now, however, when some one brings plants here, such as are offered in other cities, we see the plant trade at Christmas rivaling the cut flower trade.

But few of the plants offered were grown in Newport, and we have always heard, until lately, that it would not pay to grow plants here. I don't believe it did pay to grow the kind of stuff that was offered here in the past, but I think it would pay to grow the kind of stock seen in one or two stores this Christmas.

The weather for several days before Christmas was not what dealers or buyers would have had if they had the power to make it, but Monday was pretty nearly right for all parties. There was not frost enough to make heavy wrapping necessary, and this was quite a consideration, especially to F. L. Ziegler, who, despite the employment of a number of extra men, had all he could do filling counter orders. Other florists were also busy.

Lorraine begonias went like hot cakes in front of a hungry hod carrier. Poinsettias were second in demand, although they were not extra good. Cyclamen were good and sold quickly. So did ardisias, araucarias, primulas, azaleas and solanums. Palms were not looked at much, neither were ferns.

Cut flowers sold in larger quantity than last year, at higher prices. Carnations brought from $1 per dozen up. Roses, excepting Beauties, $1.50 and up. Beauties were scarce. Violets were received in greater abundance than expectations warranted. They were good quality and met with a ready sale. There were some good Harrisii lilies offered at $2 to $3 per dozen.

This was the first occasion when much consideration was given to small spruce trees in pots, but they went all right. Every one seemed to have gotten fully supplied with holly, but there was nothing like the glut of last year; on the contrary, a good price was maintained. The same may be said of trees, of which a scarcity was feared a week before Christmas, but they got here in numbers to fit the demands to a nicety.

Max Reilly.

Pink Sport of Enchantress

Color, Rose Pink. Habit, identical with Enchantress. Pink Sport of Enchantress will make a very desirable addition to your list of Carnations.

Rooted Cuttings.....$6.00 per 100; $50.00 per 1000.

——Send orders to——

HOLTON & HUNKEL CO., Milwaukee, Wis.

Or to the Originator and Grower..... **E. H Blameuser, Niles Center, Ill.**

Mention The Review when you write.

Rooted Cuttings--Roses

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Bride	$1.50	$12.50	Richmond	$1.50	$12.50	Perle	$2.50	$20.00
Maid	1.50	12.50	Carnot	2.50	20.00	Am. Beauties	3.00	25.00
Chatenay	1.50	12.50	Kaiserin	2.50	20.00			

CARNATIONS

Enchantress	$2.50 per 100	Bountiful	$2.50 per 100	Wolcott	$1.50 per 100
Lawson	1.50 per 100	Queen	1.50 per 100	Harlowarden	2.00 per 100

Our cuttings are all strong, healthy and well rooted. All cuttings are shipped from Hinsdale.

Bassett & Washburn, Office and Store 76 Wabash Ave. **Chicago**

GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $1.50 per 100.

Flowering Begonias, 8 kinds, 2-in., 2½c.
Rex Begonias, 3-in., 8c.
Geraniums. 2-in., strong, 5 best sorts, 2c.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens, Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c.

Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12.50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

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CARNATIONS---Rooted Cuttings

The Queen, of this variety my stock is extra selected, $2.50 per 100; $20.00 per 1000.

White Lawson	$2.00	per 100;	$15.00	per 1000	
Red Lawson	2.00	"	15.00	"	
Vesper	2.50	"	20.00	"	
Robert Craig	5.00	"	40.00	"	

Cash with order.

F. H. BLAMEUSER, - Niles Center, Ill.

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CHRYSANTHEMUM NOVELTIES

Send for complete list.

CHAS. H. TOTTY, Madison, N. J.

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CHRYSANTHEMUM Stock Plants

MORTON F. PLANT, (Totty's new pink), $3.00 per doz.; $20.00 per 100.
JEANNE NONIN, (finest late white), $1.00 per doz.; $8.00 per 100.

HENRY I. FAUST
MERION STATION, PA.

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Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. **Washington, D. C.**

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CYCLAMEN. In bud and bloom, 4-in. $10.00 per 100; 5-in., $15.00 per 100.

CINERARIES.....2¼-in., $2.00 per 100; 3-in., $3.00 per 100.

C. WHITTON, City Street, UTICA, N. Y.

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SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KAIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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Cannas

NOW IS YOUR OPPORTUNITY

To reduce our enormous stock of **Cannas,** We quote the following low prices, for **strong, two-eye pieces.**

Order Early. Prices Raised in Catalogue.

Burbank, Mme. Berat, Chas Molin, J. Colette Rochaine, Robusta, $1.50 per 100; $12.50 per 1000.
Fl. Vaughan, Chas. Henderson, $1.75 per 100; $15.00 per 1000.
Pierson's Premier, Elizabeth Hoss, Pennsylvania, $2.00 per 100; $17.50 per 1000.
Musafolia, Mme. Crozy, Crimson Bedder, $2 50 per 100; $20.00 per 1000.
Oscoda, Martha Washington, Egandale, $3.00 per 100; $25.00 per 1000
Direktor Holtze, The Empress, $6.00 per 100; $50.00 per 1000.
David Harum, $5.00 per 100; $40.00 per 1000.

All extra fine Northern grown stock.

NATHAN SMITH & SON
ADRIAN, MICH.

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...Wholesale Trade List..

Asparagus Plumosus, 2¼-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots. $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
New Daisy Queen Alexandra, 3-in. pots, $5.00 per 100.

Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2¼-in. pots, $3.00 per 100.

Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Hydrangea Thos. Hogg, 10 to 12 flowering branches, $10.00 per 100.

Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.

Sansevierias, strong, 4-in. pots, $1.50 per doz.
Smilax, 2½-in. pots, $2.00 per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

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ROOTED CUTTINGS

Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100

Cash with order, please.

Converse Greenhouses, Webster, Mass.

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GERANIUMS and Other Greenhouse Plants

Send for our Wholesale Catalogue it contains descriptions and prices of seventy-five of the best standards and one hundred of the best novelties in Geraniums.

Alliance, (1905), Hybrid Ivy-Zonal lilac-white, maroon margin, 25c each; $2.50 per doz.

Caesar Frank, (1905), ivy-leaved, double flowers, soft rec't crimson, 25c each; $2 50 per doz.

Eugene Sue, (1905), single, brilliant orange scarlet; $1.50 per doz., $10,00 per 100.

Juste Olivier, (1905), single, soft crimson rose, $1.50 per doz.; $10.00 per 100.

Cactus Geraniums, in four varieties, 20c each; $1.50 per doz.

Colossus, semi-double, dark, rich, velvety crimson $1.00 per doz.; $6 00 per 100.

Double Druden, double, white eye shading to soft crimson edge, 75c per doz.; $4.00 per 100.

E. H. Trego, double, rich dazzling scarlet, an ideal pot variety, 75c per doz.; $4.00 per 100.

Tiffin, single, rich, glowing scarlet, $2.00 per doz.; $10.00 per 100.

Fleuve Blanc, semi-double, white Bruant, $1.50 per doz.; $10.00 per 100.

Centaure, double, beautiful rose pink, 40c per doz.: $2.00 per 100.

Jean de La Brete, Double, rosy carmine, marble white in the center, 50c per doz.; $3.00 per 100.

El Cid, double, dark velvety crimson, 40c per doz.

Miss Kendell, double, dark cerise, 40c per doz.; $2.00 per 100.

Snowdrop, single, pure white, 50c per doz.; $3.00 per 100.

Miscellaneous Plants

	doz.	100
Ageratum, inimitable, Giant Blue	$ .50	$3.00
Stella Gurney and Dwarf White	.40	2.00
Alternantheras, red and yellow, six varieties	.40	2.00
Coleus, Verschaffeltii, Golden Bedder and ten other var.	.40	2.00
Dahlia roots, whole field clumps	1.00	6.00
Fuchsias, Minnesota, Lieutenant, Minister Boucher, Black Prince, Speciosa, Elm City and other varieties	.50	2.50
Hardy English Ivy, strong plants	.40	2.00
Lemon Verbena, Aloysia Citridora	.40	2.00
Lantanas, good assortment	.40	2.00
Petunias, double fringed, mixed	.50	2.50
Panicum, variegation	.40	2.00
Parlor Ivy, Senecio Scandens.	.40	2.00
Tradescantia, dark variegated	.40	2 00
Sage, Holt's mammoth	.40	2.00

CASH WITH ORDER.

A cordial invitation is extended to all interested in Horticulture to visit us. Cowenton Station, Philadelphia division, B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

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LUDVIG MOSBAEK

ONARGA, ILL.

ASPARAGUS Pl. Nanus and Sprengeri. 2, 2½, 3 and 4-in., $2.00, $2.50, $5.00 and $8.00 per 100.

FERNS. Boston, Piersoni, Anna Foster, 2¼, 3 and 4-in., $3.00, $6.00 and $12.00 per 100; 6-in., $4.00; 8-in., $10.00; 10-in., $20.00 per doz. **Piersoni Elegantissima** and **Scottii.** fine runners, $40.00 per 1000; **Boston,** $20.00 per 1000.

150,000 Cannas, in 35 var. List mailed.
50,000 Hardy Perennials, field and pot-grown.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Salvia** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca** var., 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbotsford, 75c. **German Ivy,** 60c. **Fuchsias,** $1.00. Cash.

Umbrella Plants, 2-in., $1.50 per 100.
Ferns, Scottii and **Piersoni,** 2¼-in., 3c.
Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's** best seed, $1.25 per 100, prepaid. Cash.

SHIPPENSBURG FLORAL CO.
Shippensburg, Pa.

SINGLE VIOLET BLOOMS

Large and extremely dark blue, 75c per 100.

C. WHITTON, Cor. City and Green Sts., UTICA, N. Y.

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TRADE MARK REGISTERED

The Standard of Excellence

C. C. B. POCAHONTAS SMOKELESS COAL TRADE MARK REGISTERED

A Symbol of Quality

Our registered Trade-Mark covering **THE CELEBRATED C. C. B. POCAHONTAS SMOKELESS COAL** corresponds to the Sterling Stamp on silver, as the United States Geological Survey has made it **The Standard for grading all Steam Fuel.**

C. C. B. POCAHONTAS SMOKELESS

is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequaled for the Generation of Steam and Domestic Purposes.**

CASTNER, CURRAN & BULLITT, Sole Agents

Branch Offices
1 Broadway, New York City, N. Y.
Citizen's Bank Building, Norfolk, Va.
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C. C. B. Pocahontas Smokeless Coal
Main Office: Arcade Bldg.
1 South 15th Street
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Neave Building, Cincinnati, Ohio.
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European Agts.—Hull, Blyth & Company,
4 Fenchurch Ave., London. E. C., Eng.

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DENVER.

The Market.

The Christmas trade was better than in previous years, most retailers reporting from ten to twenty-five per cent increase over last year, the stock averaging good. Prices were higher and held firm to the end. Very little unexpected stock came in, to cause a slump. The weather was ideal, not only on Christmas day but for several days previous. Just to show what a fine climate Denver has, there was a band concert in the City park, where one could sit on the benches without heavy wraps and enjoy the music.

There was, of course, a decided scarcity in red flowers of all kinds. The fancy grades of carnations were $8 per hundred and retailed readily at $2 and $2.50 per dozen; none were less than $4 wholesale.

Beauties sold well and the supply was not heavy. The large stores sold out early at $20 per dozen. Brides and Maids also sold well, Maids being most called for, as well as Chatenay. The violet market was strong, quality good, the wholesale price $2 per hundred and the retail $4. Only one store had orchids and they sold well.

The quantity of flowering plants sold was enormous, and to these must be added a moderate number of palms and ferns. Azaleas were almost as popular as at Easter and sold well. Lorraine begonias were fine and perhaps more of these were sold than of any other plant. Cyclamens were also in good demand, but as a rule no one had what might be called first-class stock. Poinsettias sold well, both cut and in growing form. Nice pans of these plants were largely used as table centerpieces.

Among the novelties, the Park Floral Co. had Skimmia Japonica side by side with Ardisia crenulata. They were rather high in price in comparison with other stock, but sold well.

Various Notes.

The year 1907 was welcomed by society with a round of entertainments calling for the decorators' skill. The Denver club ball last Friday evening called for a large decoration. Red and green were used in the various rooms. The work was done by A. H. Bush, of the Daniels & Fisher Stores Co.

The Florists' Bowling League postponed its games until after the holidays, the first match to be rolled January 7.

The Scott Floral Co. has added a fine new wagon to its delivery department.

E. S. K.

ORCHIDS

Importations 1907

Get rock-bottom prices on Cattleya Labiata, Trianae, Mossiae, Percivaliana Mossiae, Schroederae.

JULIUS ROEHRS CO.
Orchid Importers and Collectors,
Rutherford, N. J.

Mention The Review when you write.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

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ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

Mention The Review when you write.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

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ROOTED CUTTINGS

JOHN E. HAINES, the best commercia scarlet for the general grower, as productive as any carnation grown, starts in early and keep, blooming until thrown out in July. In quality; color and stem it is a top-notcher. $6.00 per 100 $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

DAISIES

Queen Alexandra, Etoile d'Or, 2½-inch, $2.50 per 100; 3-inch, $5.00 per 100.

FERNS—Elegantissima Barrowsii, 2½-in., $3.00 per 100; **Scottii,** 2½-inch, $2.50 per 100.

P. A. BAKER, Media, Pa.

Mention The Review when you write.

FERNS

	Per doz.	100	1000
Boston Ferns, 2½-in.		$3.00	$25.00
" " 3-in.		6.00	
" " 4-in.	$1.50	10.00	
" " 5-in.	2.25	15.00	
Piersoni, strong runners, 2½-in.		3.00	25.00
" " " 4-in.	1.50	10.00	
" " " 5-in.	2.25	15.00	
Scottii, " " 2½-in.		3.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-in.		7.00	
" 4-in.	1.50	10.00	
" 5-in.	2.25	15.00	
Whitmani, 8-in.		20 00	
Holly Ferns, 2½-in.		3.00	
Carex Japonica, 2½-in.		2.50	
Begonias, assorted, 2½-in.		2.50	
Crotons, 4 sorts, 3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock.		3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants		2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

Mention The Review when you write.

500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists **BROCKTON, MASS.**

Mention The Review when you write.

Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, **VAN WERT, OHIO**

Mention The Review when you write.

CHRYS-ANTHE-**MUM** STOCK PLANTS

Cobbold, Helen Frick, Mrs. Shaw, Helen Bloodgood, Omega, Major Bonnaffon, Robinson, Kalb. These fine plants, 75c per doz.; $5.00 per 100.

CARNATION ROOTED CUTTINGS

For shipment during January, February and March; Lawson, Indianapolis, Harlowarden, Glacier, Peru, Governor Wolcott, $2.00 per 100; $15.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Belle and Burki, $3.50 per 100; $30.00 per 1000.

Reeds Lake Floral Co.
GRAND RAPIDS, MICH.

Mention The Review when you write.

VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.
Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

Geraniums Wanted

Standard varieties. Good stock.
Immediate shipment. State prices.

J. E. MATTHEWSON,
SHEBOYGAN, WIS.

Mention The Review when you write.

CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.50
Geraniums, 10 var. my selection, 2-2½-in.	3.00
Asp. Plumosus Seed, Feb. 15, $2.50 per 1000	.60
Pansy Plants, $3.00 per 1000, from frames	.50

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

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Orchids

From Philippines

Phalaenopsis Schilleriana, we are ready to give quotations upon plants with 1 to 3 leaves, per 100 plants, or upon sound plants without leaves, per 100 plants, for immediate delivery, F. O. B. Hamburg.

A. HELD, 11-19 William St., NEW YORK

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Roses

For Spring Blooming
The Proper Sorts

Gen. Jacq., Magna Charta, Crimson Rambler, etc. Strong, 2-year field grown plants, suitable for 5-inch pots, 7c. Extra strong for 7 or 8 inch, 12c. Crimson Rambler XXX, 20c. Deutzia Gracilis and Lemoinei, strong, 10c. Large-flowered Clematis, finest sorts, 18c. Peonies, Phlox, etc.
Packed free for cash.

W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.

ROOTED CUTTINGS.

Begonia Vesuvius	$1.00 per 100.
Vinca (tips)	1.00 "
Alternantheras (red)	1.00 "
Salvia	1.00 "
Heliotrope	.60 "
Sweet Alyssum (double)	.60 "

F. P. SAWYER,
125 High Street, CLINTON, MASS.

Mention The Review when you write.

PALMS and FERNS

Write for price list.

The Geo. Wittbold Co.
1657 Buckingham Pl., CHICAGO

Mention The Review when you write.

SURPLUS STOCK IN EXCELLENT CONDITION

New Year's, the time of balls and parties, is now on the program. What will you use to decorate the tables and homes of your customers with? Take my advice and use an **Araucaria Compacta Robusta** or **Glauca.** With the size and kind I grow, you will be surprised the effect it will have on the table. The plant is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old, 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

FERNS, all raised in pots and not on benches as follow:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Maiden-hair Ferns, 6-in., 35c to 40c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN
Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

Mention The Review when you write.

SPIRAEAS, AZALEAS, Rhododendrons, etc.

SPIRAEA NANA COMPACTA—Strong clumps in best condition, $4.00 per 100.

AZALEA INDICA—Mme. Vander Cruyssen, Prof. Wolters, Empress of India, Helen Thelemann, Simon Mardner, at import prices to close out.
12 to 14-in. crowns, $45.00 per 100. 14 to 16-in. crowns, $55.00 per 100.
16 to 18-in. crowns, $90.00 per 100.

AZALEA MOLLIS—Fine for forcing, bushy and full of buds.
12 to 15 in. high, $25.00 per 100. 15 to 18 in. high, $35.00 per 100.

RHODODENDRONS—Bushy perfect plants, brightest and best we ever had, full of flower buds. 18 to 20 in. high, $9.00 per doz. 20 to 24 in. high, $12.00 per doz.

LATANIA BORBONICA—4-in. pots, short and bushy, $15.00 per 100.

KENTIA BELMOREANA—5-in., fine, $60.00 per 100.

The Storrs & Harrison Co.
PAINESVILLE, OHIO.

Mention The Review when you write.

NEW SINGLE GERANIUM
SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

Mention The Review when you write.

Nephrolepis Whitmani

2¼-inch, $25.00 per 100.

HENRY H. BARROWS & SON,
WHITMAN, MASS.

Mention The Review when you write.

Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS
Rutherford, N. J.

Mention The Review when you write.

WE ARE BOOKING ORDERS FOR
NEPHROLEPIS AMERPOHLII
THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

Mention The Review when you write.

Nephrolepis WHITMANI

Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF
PALMS, ETC.
Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 534

ADIANTUMS.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6-in. pots, $12.00, $18.00 and $24.00 per doz. Julius Roehrs Co., Rutherford, N. J.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

AGERATUMS.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratums, 2-in., $1.50 per 100. Rooted cuttings, 60c per 100.
Andrew Peterson, Hoopeston, Ill.

Ageratum Pauline and Gurney, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera brilliantissima, original stock, finest red of all, 65c 100. A. nana, 60c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

AQUILEGIAS.

ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
BARTELDES SEED CO., Denver, Colo.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
J. Sylvester, Florist, Oconto, Wis.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00. 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri, 3-in., strong plants, $3.50 per 100; out of 2-in. pots, $2.00 per 100.
Aug. Luther, R. F. D. 4, Bx. 117, Kansas City, Mo.

Asparagus plumosus nanus and Sprengeri, 2½-in., $3.50; 3-in., $5.00 per 100. Cash.
Hugo Book, Worcester, Mass.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus plumosus, 2½-in., $3.00. Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, from bench, ready for 4 and 5-in., 4c.
Hopkins & Hopkins, Chepachet, R. I.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 3½-in., $6.00 per 100. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, 500 fine, 2-in. stock, $1.50 per 100. D. R. White, Sandusky, O.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus plumosus nanus, 2-in., 2c. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

ASPIDISTRAS.

Aspidistras, green; 6 to 7-in., 6 to 12 leaves, 5c per leaf.
W. J. & M. S. Vesey, Fort Wayne, Ind.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

Azaleas, in bloom, 75c, $1.00, $1.25 and $1.50 each. Baur Floral Co., Erie, Pa.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, in bloom, 6-in. pots, $1.00 each; 7-in. pots, $1.50 each.
Bentzen Floral Co., Grand Ave., St. Louis, Mo.

Flowering begonias, 2-in., 2½c. Rex, 3-in., 8c. Cash. Byer Bros., Chambersburg, Pa.

Rex begonias, rubra and manicata aurea, $4.00 100. Cash. E. B. Randolph, Delavan, Ill.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BERRIED PLANTS.

Christmas peppers and Jerusalem cherries, strong, stocky plants, full of fruit and bloom, 5-in. pots, $8.00 100.
H. O. Hannah & Son, Sherman, Tex.

BULBS.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

Miniature hyacinths, narcissi, tulips and other bulbs. Prices are given in display adv.
F. R. Pierson Co., Tarrytown, N. Y.

Tuberous-rooted begonias and giant-flowering gloxinias. Prices are given in display adv.
Johnson Seed Co., 217 Market St., Phila.

Amaryllis Johnsoni, blooming bulbs, $7.00 per 100; extra size, $10.00 per 100.
C. W. Bakewell, Gretna, La.

Lilium giganteum, 7x9, $55.00 1000. L. multiflorum, 9x11, $9.00 100.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Importers and growers of high grade bulbs.
Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill.

CANNAS.

350,000
CANNAS
TRUE TO NAME.

Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

RED CANNAS.		
A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
Chas. Henderson, 4 ft.	2.00 100;	17.50 1000
Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000
PINK CANNAS.		
L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000
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Umbrella plants, 2-in., $1.50 100. Cash.
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Kudzu vines, large stock, 10c, 15c and 25c.
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Ernest Oechslin, 188 Madison St., River Forest, Ill.

To Exchange—Boston ferns (see classified adv. for prices), Rex and metallica begonias; geraniums, E. G. Hill, J. Viaud, double and single white; Granville, rose geraniums; fuchsias, double purple and white.
F. W. Heckenkamp, Jr., Quincy, Ill.

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A. H. HEWS & CO., INC.

POT MAKERS FOR 140 YEARS CAMBRIDGE, MASS.

Greenhouse Heating.

CONVERTING A COIL BOILER.

Could a box coil pipe boiler be converted into a steam boiler for greenhouse heating? J. L. K.

No. I do not think it advisable to attempt to construct a steam boiler for greenhouse heating out of pipe coils. This would be a water tube boiler which would carry only a small amount of water, which would make it dangerous and uncertain. Water tube boilers for power purposes are not usually made in sizes smaller than 150 horse-power except for special uses, such as the flash boilers of automobiles. L. C. C.

PIPE FOR HEATING.

How many runs of pipe will be required, what size, and how best arranged to heat with hot water three houses 10x80 feet, ridge and furrow plan, no center walls? The outside walls are four feet and fully exposed except for a shed on the west end. The boiler is located in a cellar under the shed opposite the center house. The temperature is sometimes 45 degrees below zero. J. B.

The three houses in question can be piped as follows: If 2-inch pipe is used a 2½-inch flow under each ridge can be made to feed eight 2-inch returns through each house, i. e., three 2½-inch flow pipes and twenty-four 2-inch returns for the entire plant. If the benches are so disposed as to allow placing the radiation under them it would be well to put one or two more pipes under the benches next to the outside walls than under the others. If the piping is to be hung on the outside walls and on the posts under the middle gutters, see that the heavy coils are placed on the outside walls. Six pipes on each outside wall will be none too much, then scatter the other twelve under the benches as best you can to provide the desired bottom heat. L. C. C.

TROUBLE WITH HEATING.

I am having trouble with my heating plant. My house is 19½x125, three feet to the eaves and nine feet to the ridge. The boiler is twenty-seven inches by six feet and has thirty-seven 1½-inch flues. I have one 2½-inch flow which rises six feet, then runs through the length of the house with a gradual rise of eighteen inches. The main then branches into two 1½-inch pipes, each one feeding four 1½-inch returns. The returns enter a manifold and return to the boiler through two 1½-inch pipes. The expansion tank is ten feet above the boiler and connects the return close to the boiler. Would this boiler be big enough to heat another house the size of this one? My fire-box is twenty inches in diameter with a rocking grate. J. W. H.

You do not mention the difficulty with your heating plant, but the piping of the house is at fault if you are not getting heat enough. You have about one-half enough pipe in the house for a 60-degree temperature and the riser should be a 3-inch instead of 2½-inch pipe, if the piping is increased. The boiler in question has but little more than sufficient capacity for the house it is now used to heat. L. C. C.

COLUMBUS, OHIO.

With regard to our Christmas business, the best that I can report is that we had an average volume of trade as compared with past years. There were several conditions which directly opposed a great business. In the first place, the weather could not have been worse. For ten days before Christmas it snowed or

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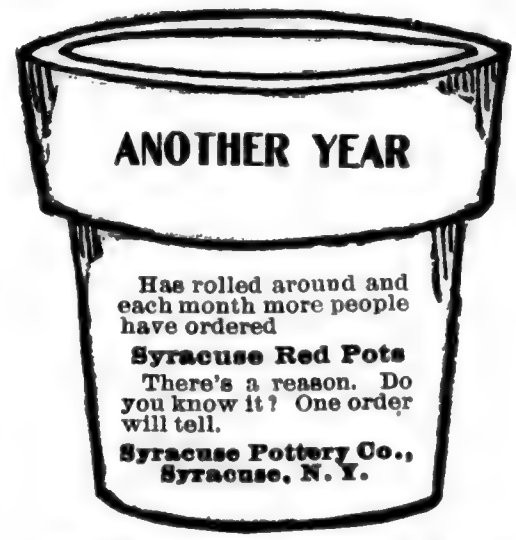
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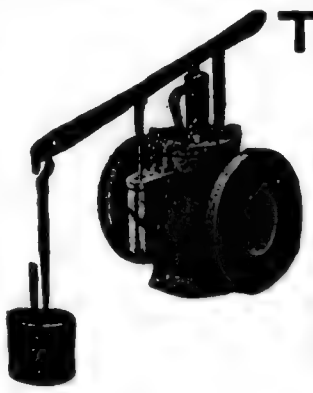
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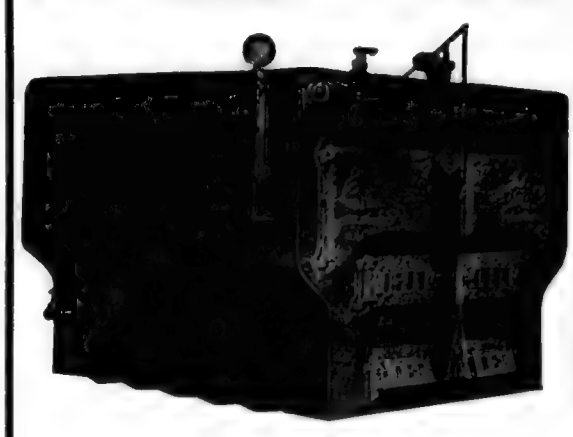
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rained most of the time, and the temperature remained warm enough to melt all down to the nastiest mess of mud and water it is possible to imagine. Again, cut flowers were so high that it was not to be expected that there would be any immense rush of over-the-counter trade that we have had some years.

We all knew days before Christmas that carnations from $1.50 to $2 per dozen, and roses from $2 to $4 per dozen (not American Beauties) would go slow, and they did. Regular flower buyers bought liberally and made up a good average business; but many extra customers would not pay the prices.

Plants went well, but not with the rush they have some seasons. I think the main reason for this was that, owing to the great lack of sun all through December, plants as a whole were of poor quality. As usual, azaleas sold the best of anything, followed by cyclamens and primroses.

As regards greens, there is little to be said, except to note the poor quality of most of the holly. Trees were in large supply and were not all sold. Wreaths and wreathing went well and at usual prices. Christmas bells sold fairly well, but the trade on them is now all cut up, the fakers selling them at 5 cents each.

ZERO.

I WOULD about as soon stop the business as stop the REVIEW.—C. R. YOUNG, New Portage, O.



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CONVERTING A COIL BOILER.

Could a box coil pipe boiler be converted into a steam boiler for greenhouse heating? J. L. K.

No. I do not think it advisable to attempt to construct a steam boiler for greenhouse heating out of pipe coils. This would be a water tube boiler which would carry only a small amount of water, which would make it dangerous and uncertain. Water tube boilers for power purposes are not usually made in sizes smaller than 150 horse-power except for special uses, such as the flash boilers of automobiles. L. C. C.

PIPE FOR HEATING.

How many runs of pipe will be required, what size, and how best arranged to heat with hot water three houses 10x80 feet, ridge and furrow plan, no center walls? The outside walls are four feet and fully exposed except for a shed on the west end. The boiler is located in a cellar under the shed opposite the center house. The temperature is sometimes 45 degrees below zero. J. B.

The three houses in question can be piped as follows: If 2-inch pipe is used a 2½-inch flow under each ridge can be made to feed eight 2-inch returns through each house, i. e., three 2½-inch flow pipes and twenty-four 2-inch returns for the entire plant. If the benches are so disposed as to allow placing the radiation under them it would be well to put one or two more pipes under the benches next to the outside walls than under the others. If the piping is to be hung on the outside walls and on the posts under the middle gutters, see that the heavy coils are placed on the outside walls. Six pipes on each outside wall will be none too much, then scatter the other twelve under the benches as best you can to provide the desired bottom heat. L. C. C.

TROUBLE WITH HEATING.

I am having trouble with my heating plant. My house is 19½x125, three feet to the caves and nine feet to the ridge. The boiler is twenty-seven inches by six feet and has thirty-seven 1½-inch flues. I have one 2½-inch flow which rises six feet, then runs through the length of the house with a gradual rise of eighteen inches. The main then branches into two 1½-inch pipes, each one feeding four 1½-inch returns. The returns enter a manifold and return to the boiler through two 1½-inch pipes. The expansion tank is ten feet above the boiler and connects the return close to the boiler. Would this boiler be big enough to heat another house the size of this one? My fire-box is twenty inches in diameter with a rocking grate. J. W. H.

You do not mention the difficulty with your heating plant, but the piping of the house is at fault if you are not getting heat enough. You have about one-half enough pipe in the house for a 60-degree temperature and the riser should be a 3-inch instead of 2½-inch pipe, if the piping is increased. The boiler in question has but little more than sufficient capacity for the house it is now used to heat. L. C. C.

COLUMBUS, OHIO.

With regard to our Christmas business, the best that I can report is that we had an average volume of trade as compared with past years. There were several conditions which directly opposed a great business. In the first place, the weather could not have been worse. For ten days before Christmas it snowed or

POTS OF QUALITY

If we were to manufacture greenhouse pots from any other kind of clay, our argument that **IONIA POTS** are the **BEST POTS** would loose its effect.

For 36 years the demand for them has steadily increased. Hundreds of florists use them exclusively. Make up your spring order. Send it to us now.

We will ship when you direct.

IONIA POTTERY CO., Ionia, Mich.

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KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.

The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.

213 to 223 PEARL STREET, NORRISTOWN, PA.

Mention The Review when you write.

Red Standard Pots

Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80. **Cash must accompany order.** Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application

HARRISON POTTERY, Harrison, Ohio.

Mention The Review when you write.

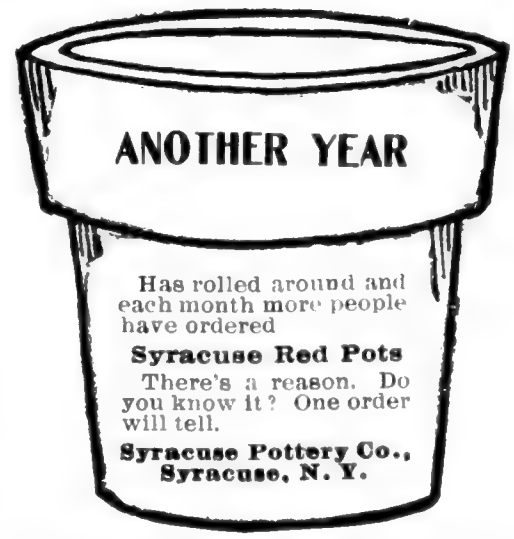
Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

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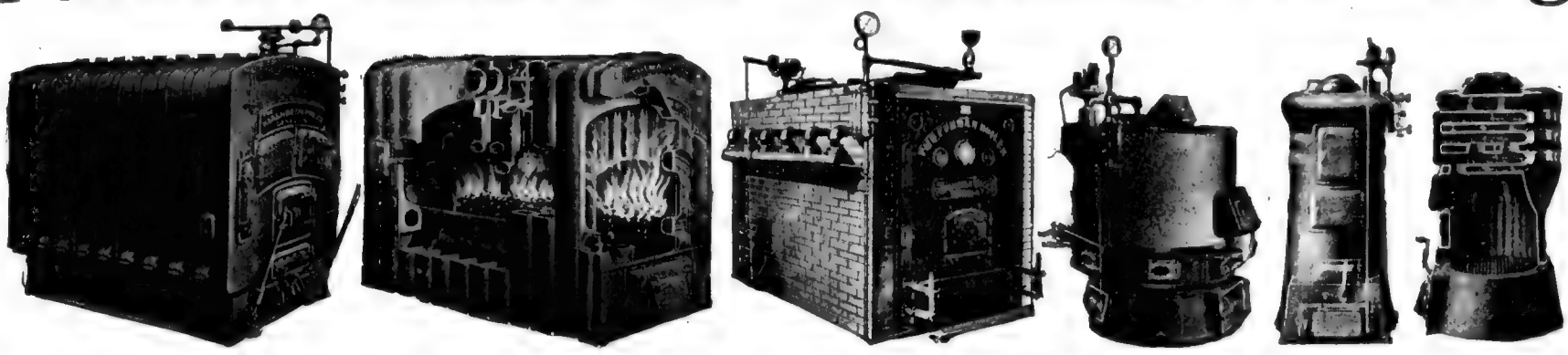
Standard Flower Pots

Price list and samples on application.

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PADUCAH, KENTUCKY

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Valuable Catalogue on Modern Steam and Hot Water Heating, mailed free on request. Address

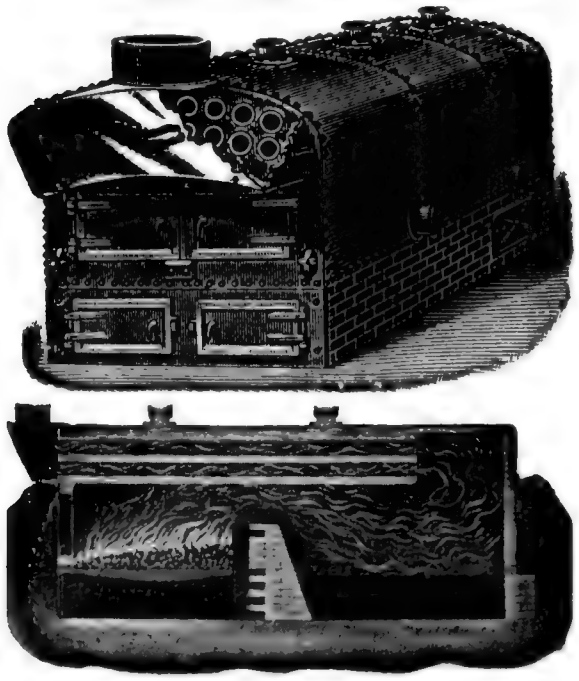
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FURMAN BOILERS have been awarded Certificate of Merit at five different Florists' Conventions. They have a record of 20 years. Over 25,000 in use.

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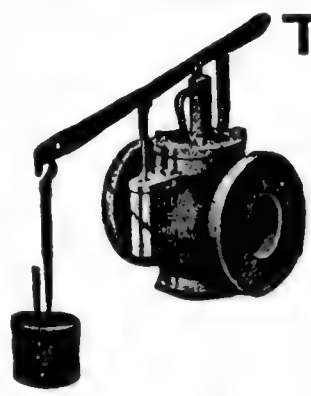
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Greenhouse Boiler.
51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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IT SAVES COAL
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THE JOHN DAVIS COMPANY
Halsted, 22d and Union Sts., CHICAGO
MANUFACTURERS OF
Reducing Valves, Back Pressure Valves, Steam Traps, Steam Goods

This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 8, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

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A Proposition To Florists
—TRY A—
Morehead Steam Trap
for 30 days—It will save fuel, water, equipment and repairs—If you are not satisfied it will cost you nothing

Write for Florists' Booklet

MOREHEAD MFG. CO.
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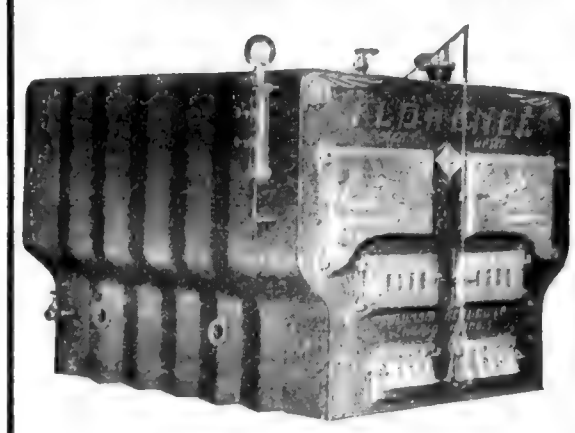
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Start the New Year right by installing a Standard Pumping Engine. It will make your plants grow; also your profits



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For Steam or Water



As simple and good as it looks

EASIEST TO REGULATE

Nothing to get out of Order

A Universal Fuel Burner

Let us send you our Catalogue

COLUMBIA HEATER CO.
BELVIDERE, ILL.
Sales Dept., 36 Dearborn St., Chicago

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High-Grade Boilers
Get our Catalogue **For GREENHOUSES**
STEAM and HOT WATER
GIBLIN & CO., Utica, N. Y.

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Rained most of the time, and the temperature remained warm enough to melt all down to the nastiest mess of mud and water it is possible to imagine. Again, cut flowers were so high that it was not to be expected that there would be any immense rush of over-the-counter trade that we have had some years.

We all knew days before Christmas that carnations from $1.50 to $2 per dozen, and roses from $2 to $4 per dozen (not American Beauties) would go slow, and they did. Regular flower buyers bought liberally and made up a good average business; but many extra customers would not pay the prices.

Plants went well, but not with the rush they have some seasons. I think the main reason for this was that, owing to the great lack of sun all through December, plants as a whole were of poor quality. As usual, azaleas sold the best of anything, followed by cyclamens and primroses.

As regards greens, there is little to be said, except to note the poor quality of most of the holly. Trees were in large supply and were not all sold. Wreaths and wreathing went well and at usual prices. Christmas bells sold fairly well, but the trade on them is now all cut up, the fakers selling them at 5 cents each.

ZERO.

I WOULD about as soon stop the business as stop the REVIEW. C. R. YOUNG, New Portage, O.

MILWAUKEE.

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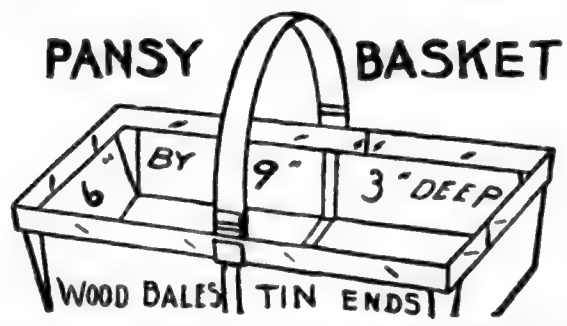
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Lyons, Kan.—Mrs. H. B. Smith reports that Christmas orders came in late, making it hard to get enough carnations to go around at the last. Prices were some higher than last year, but stock was good and fresh.



Six fit in bushel box to pack one upon another. Wood or wire handle. 100 samples, $1.10.

SEAVER BASKET CO., Medford, Mass.

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PEERLESS SULPHUR BLOWER

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.

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CENTURY INSECTICIDE DEATH TO INSECTS

Cheapest and best on market. Once used, always used.

Positively kills green and black fly, mealy bugs, red spider, scale, thrips, or any insect on flowers, plants, trees, vegetables, etc. Will not injure, scent or discolor the most delicate flowers and foliage. **Also sure death to Gypsy and Tussock Moths.**

Especially adapted for Roses, Carnations, Chrysanthemums, Heliotrope, Smilax and Ferns. Handled by Leading Seedsmen.

Prepared by **W. H. KULD, Norwood, Mass.**

Mention The Review when you write.

Starved Rose Bushes NEVER BLOOM

and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.

Don't Starve the Roots.

Put away your bushes this fall with plenty of fall and spring food for the roots.
The richest root food, stem and bloom producer you can use is

WIZARD BRAND PULVERIZED SHEEP MANURE

It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.
Special prices to florists and greenhouse operators. Write for booklet.

The Pulverized Manure Co.
33 Exchange Ave., Chicago.

To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine.
FOR SPRAYING.

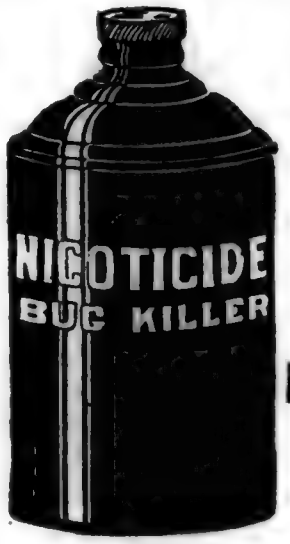
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FOR SLOW BURNING.

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You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.

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Drop us a line and **we will prove it....**

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Dept. A,
LOUISVILLE, KY.



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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

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It has no equal for simplicity or its working. Catalogue free.

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KILLS YOUR SCALE.

Take a can of the oil, dilute to four times its bulk with water and then spray or wash your plants. Prices—½ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.

Andrew Wilson, Dept. 5, Summit, N. J. or H. A. Dreer, Inc., Philadelphia.

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The Florists' Manual

We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."

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THE REVISED EDITION IS NOW READY.
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GREENHOUSE GLASS

ELSEWHERE IS

WE ARE THE LARGEST MANUFACTURERS AND JOBBERS OF GLASS IN THE COUNTRY

WE CAN FURNISH YOUR REQUIREMENTS PROMPTLY
OF GOOD BRANDS AND AT LOWEST MARKET PRICES

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said a prominent florist to us at the Dayton Convention.

"It is by far the best machine on my place"

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Free circular and estimates promptly given.

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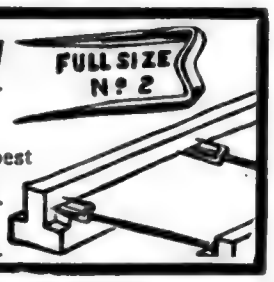
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Glazing Points are the best
No rights or lefts. Box of
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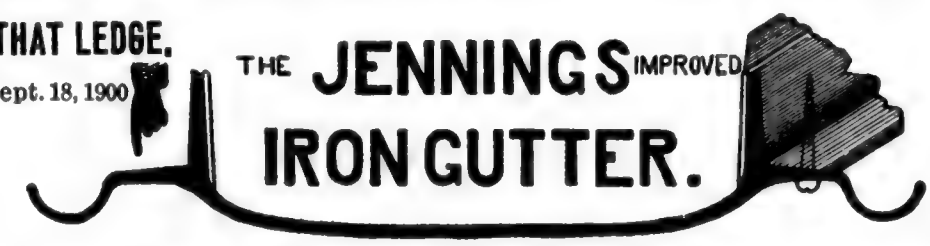
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IGOE BROTHERS

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.

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Use Our

Patent Iron Bench Fittings and Roof Supports
Ventilating Apparatus
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Our long list of orders of this kind is our best reference. By writing any of the large growers at Chicago you will confer a favor on the

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

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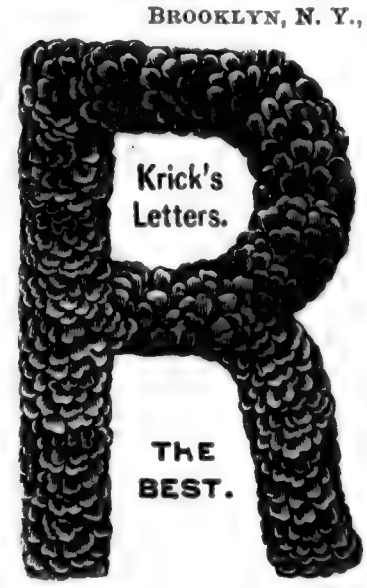
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Lowdham, Nottingham, England

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Florists' Review
When Writing Advertisers.

TRADE NOTICE.

BROOKLYN, N. Y., December 15, 1906.



Owing to the advance in material in the manufacture of Immortelle Letters, I am forced to advance the price of letters on Jan. 1, 1907, as follows, viz:

1½ and 2-in. letters, $2.75 per 100.

2½-in. letters, $3.00 per 100.

All other goods manufactured by me are not affected at this time.

Thanking you for past favors, and hoping for a continuation of the same, I remain,

Yours respectfully,
W. C. KRICK.
1164-66 Greene Ave.

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THE FLORISTS' HAIL ASS'N
HAS PAID $101,000.00
for glass broken by hail in the past twenty years.
For particulars address
JOHN G. ESLER, Sec'y, Saddle River, N.J.

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Don't Starve the Roots.

Put away your bushes this fall with plenty of fall and spring food for the roots.

The richest root food, stem and bloom producer you can use is

WIZARD BRAND PULVERIZED SHEEP MANURE

It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.

Special prices to florists and greenhouse operators. Write for booklet.

The Pulverized Manure Co.

33 Exchange Ave., Chicago.

To-Bak-Ine Products

THEY KILL BUGS

LIQUID FORM 45 per cent Nicotine. FOR SPRAYING.

FUMIGATING PAPER FOR BURNING.

Fumigating Powder FOR SLOW BURNING.

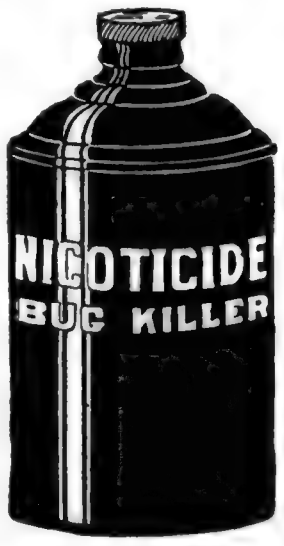
DUSTING POWDER FOR VEGETABLE GROWERS.

You will have no trouble with insect pests if you use these products as directed.

Send for our booklet, "Words of Wisdom," by leading growers. It is free.

E. H. HUNT

76-78 Wabash Ave., CHICAGO



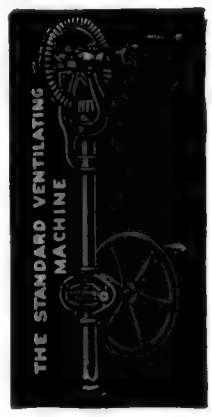
THE BEST Bug Killer and Bloom Saver.

Drop us a line and **we will prove it....**

P. R. PALETHORPE CO.

Dept. A,

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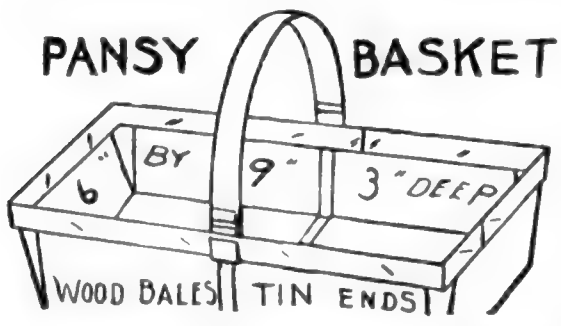
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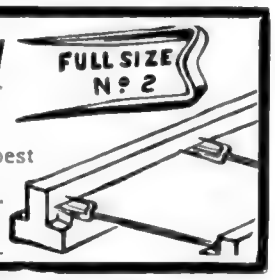
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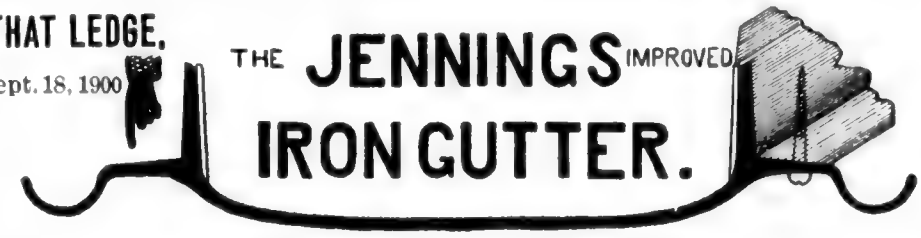
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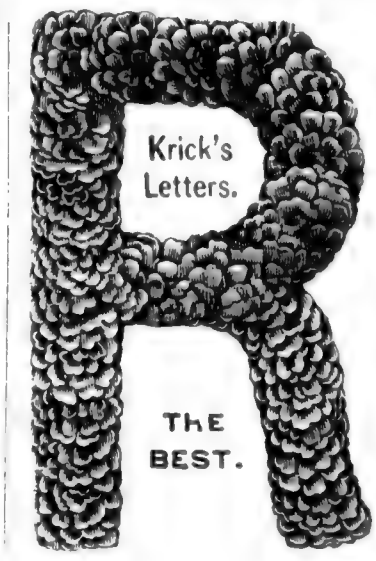
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G. L. GRANT, EDITOR AND MANAGER.

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520-540 Caxton Building,
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NEW YORK OFFICE:
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Advertising rates quoted upon request. Only strictly trade advertising accepted.
Advertisements must reach us by Wednesday morning to insure insertion in the issue of that week, and earlier will be better.

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This paper is a member of the Chicago Trade Press Association.

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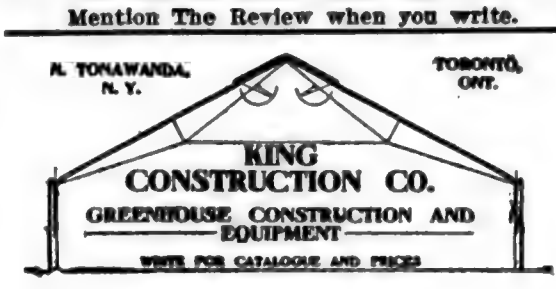
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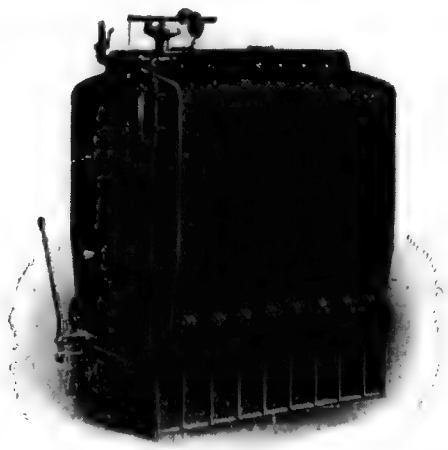
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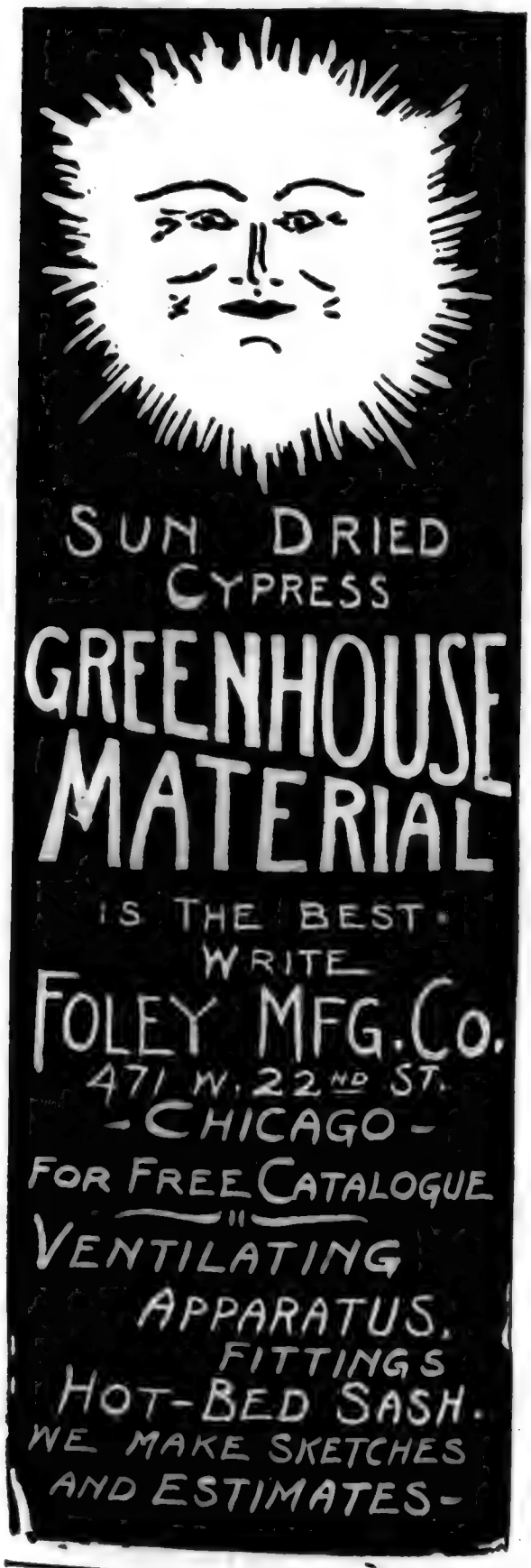
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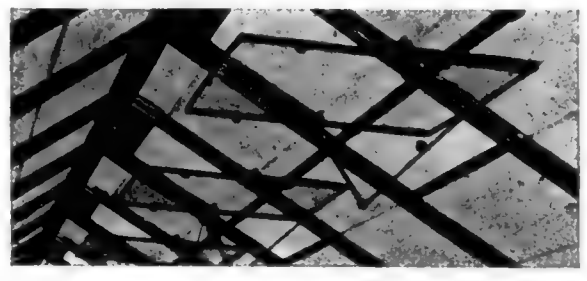
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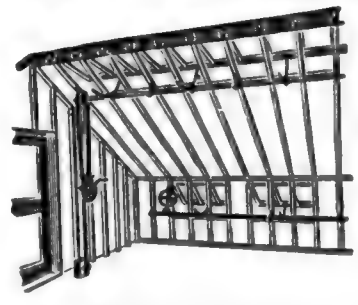
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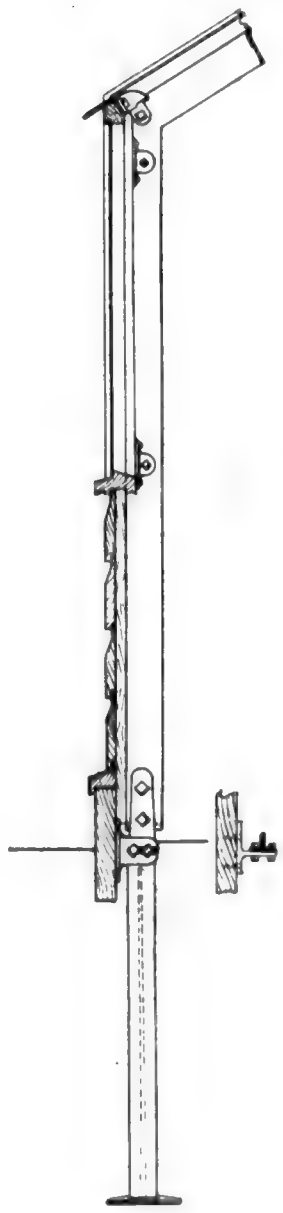
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GLASS

There is no question but what **NOW** is the time to buy your Glass. Prices are on the up-turn. **BE QUICK** or you will pay more. **WRITE US TODAY.** We are headquarters for

GREENHOUSE GLASS

SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET CHICAGO

OF THE
UNIVERSITY OF ILLINOIS

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, JANUARY 10, 1907. No. 476.

Aster to Zinnia

VERBENA

Our Mammoth Quality Strain is without a doubt the finest ever offered to the trade.

	Trade pkt.	Per oz.
Mammoth, blue	$0.25	$1.25
Mammoth, pink	.25	1.25
Mammoth Defiance, scarlet	.25	1.25
Mammoth, striped	.25	1.25
Mammoth, white	.25	1.25
Mammoth, mixed	.25	1.00
VINCA		
Alba, white with rose center	.15	.50
Alba Pura, pure white	.15	.50
Rosea, pink	.15	.50
Mixed	.10	.40

Our catalogue contains all seasonable seeds for florists; Also bulbs and plants. It's free.

ARTHUR T. BODDINGTON, 342 WEST 14TH ST., New York City

LILY BULBS

COLD STORAGE GIGANTEUM, 7-9, for summer forcing. Few cases of **MULTIFLORUM,** October shipments.

WM. F. KASTING

383 Ellicott St. **BUFFALO, N. Y.**

Begonia Gloire de Lorraine

IN BLOOM

4-inch.....per 100, $35.00
5-inch.....per 100, 50.00

Pandanus Veitchii, finely colored, 24 in. high from top of soil, $1.00 each.

Pandanus Veitchii, large plants, $1.50 to $3.00 each.

Boston Ferns, specimens, $18.00 per doz.

Adiantum Farleyense, 5-in. pots, $9.00 per doz.

J. A. PETERSON, WESTWOOD, CINCINNATI, O.

Hydrangea Otaksa

For Easter require 3 months to force into bloom. Potted now and allowed to become established in a cool place will give best results. **Field-grown,** $6.00 and $8.00 per 100. **Pot-grown,** 4-inch, $6.00 and $8.00 per 100; 5-inch, $25.00 per 100; 6-inch, $35.00 per 100; 7-inch, $50.00 per 100. A few larger sizes, up to 12-in. Write for prices.

ADIANTUM CROWEANUM, 3-inch, $12.50 per 100.

BOSTON FERNS—Bench-grown, $10.00, $15.00 and $20.00 per 100. Pot-grown, 5-inch, $25.00 per 100.

SCOTTII—Bench-grown, ready for 3 and 4-inch pots, $6.00 per 100.

CHRYSANTHEMUM stock plants, best standard varieties, 75c per doz. Send for list of varieties.

VINCA MAJOR, green variegated with light green, field-grown, $6.00 per 100.

BAUR FLORAL CO., ERIE, PA.

ARISTOCRAT, beautiful cerise, delivery March 1. $12.00 per 100; $100.00 per 1000.

RED RIDING HOOD, scarlet, fine large flowers on long stiff stems. The leader of scarlets. Ready now. $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION, DAYBREAK LAWSON and **JESSICA,** $6.00 per 100; $50.00 per 1000.

HELEN GODDARD, $5.00 per 100; $45.00 per 1000.

FIANCEE, LIEUT. PEARY, CARDINAL, RED LAWSON, $4.00 per 100; $30.00 per 1000.

ENCHANTRESS, MRS. M. A. PATTEN, $2.50 per 100; $20.00 per 1000.

WHITE LAWSON, LADY BOUNTIFUL, SKY-ROCKET, VARIEGATED LAWSON, and **DOROTHY WHITNEY,** $3.00 per 100; $25.00 per 1000.

FAIR MAID, RED SPORT OF MACEO, PROSPERITY and **HARLOWARDEN,** $2.00 per 100; $15.00 per 1000.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. **Joliet, Ill.**

THE E. G. HILL CO.

RICHMOND, INDIANA

Our general list quoting

Roses, Carnations, Mums, Geraniums

Ready early in January.

High-Grade Novelties Our Specialty

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.15
Balsam Alba Perfecta	.10	.75
Cobaea Scandens, purple	.10	.30
Dracaena Indivisa	.10	.25
Forget-Me-Not, Victoria	.10	.75
Mignonette Machet	.10	.50
Petunia, Calif. Giants	.25	...
Petunia, Quadri-color	.25	...
Salvia Splendens	.15	1.00

Crop of 1906.	T. P.	Oz.
Lobelia Speciosa	$0.10	$0.50
Lobelia Crystal P. comp.	.15	1.00
Smilax	.10	.25
Stocks Cut and Come Again	.25	...
Stocks Ten Weeks', mxd.	.25	...
Stokesia Cyanea	.10	...
Thunbergia	.10	.60
Torenia Fournieri	.15	...
Verbena, Mammoth	.25	1.00

THE W. W. BARNARD CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

WE NEED U! **U NEED US!**

GET IN LINE

With the WISE and UP-TO-DATE FLORISTS who use OUR BASKETS which are EXCLUSIVE We are IMPORTERS, DESIGNERS and MANUFACTURERS of BASKETS that will be MONEY MAKERS for you—BASKETS that are to be filled with FOLIAGE or BLOOMING PLANTS, TRIMMED with our NEW EXCLUSIVE OMBRE SHADED RIBBON.

M. RICE & CO., 1220 RACE STREET PHILADELPHIA, PA.

The Leading Florists' Supply House and Ribbon Specialists. Importers and Manufacturers.

Mention The Review when you write.

TIE THEM ON YOUR FLOWERS

RIBBONS OF PINE TREE MANUFACTURE

SUPERIOR IN EVERY WAY AND YET LOWER IN PRICE

PINE TREE RIBBONS LUSTROUS AND BRILLIANT
PINE TREE RIBBONS EXCEPTIONAL QUALITY
PINE TREE RIBBONS EVERY KNOWN COLOR
PINE TREE RIBBONS SHADES ALWAYS THE SAME
PINE TREE RIBBONS ALWAYS UNIFORM
PINE TREE RIBBONS ALL WIDTHS
PINE TREE RIBBONS From the Baby Width to 6-inch
PINE TREE RIBBONS SPLENDID COLORINGS
PINE TREE RIBBONS SUPERIOR FINISH
PINE TREE RIBBONS EXCLUSIVE DESIGNS
PINE TREE RIBBONS GOOD HAND AND TOUCH
PINE TREE RIBBONS MODERATELY PRICED

You save all between profits

The Pine Tree Silk Mills Co.

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OFFICE AND SALESROOMS
806-808-810 ARCH STREET

SPIRÆAS

Spiræa Japonica
Extra fine clumps.....$4.00 per 100

Spiraea Compacta Multiflora
Extra fine clumps.....$5.00 per 100

Spiraea Astilboides Floribunda
Extra fine clumps.....$5.50 per 100

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Extra fine clumps.....$8.00 per 100

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Prince Bay, N. Y.

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1438 No. 10th St. PHILADELPHIA
OUR SPECIALTIES:
Wax Flowers, Wax Flower Designs
WHEAT SHEAVES
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Mention The Review when you write.

Florists' Refrigerators

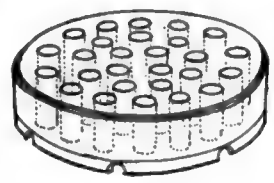
Write us for prices stating the size you require, the kind of cut flowers you wish to use the refrigerator for, and whether for display or only for storage.

McCRAY REFRIGERATOR CO.
558 Mill Street, KENDALLVILLE, IND.
Mention The Review when you write.

Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000...$6.25. Sample free.
For sale by dealers.
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The "JAPANA" Cut Flower Holder . . .



A handy article for florists. Sells to the trade on sight. Made of glass in three sizes. The "Anglais" Table Decoration, something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating.

M. V. Garnsey, Ask for catalog. Dept. A. LA GRANGE, ILL.

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Importers and Manufacturers of
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76-78 Wabash Ave.. CHICAGO
Write for supplement to catalogue F, it will interest you.
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For the month January we allow on Wire Frames 25 per cent discount; Wax Designs, 15 per cent.
Keep your "I" on the enterprising
FLORISTS' SUPPLY HOUSE
J. STERN & CO.
125 N. 10th Street, PHILADELPHIA
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SEEDS, BULBS, ETC.
H. H. BERGER & CO.
47 Barclay Street NEW YORK

THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

The Weekly Florists' Review

NOW IS THE TIME TO
BEGIN!

THE MEN WE MEET

ANTOINE WINTZER.

Antoine Wintzer's father emigrated to America in the year 1854. He brought with him all his family except the eldest son, who was then an active participant in the Crimean war. His father was a professional gardener and soon obtained a good position after landing at New York. Antoine was 6 years old when they arrived, and between the years 1854 and 1862 he attended the public schools, most of the time at Flushing, N. Y., where his father had moved in 1857. In March, 1862, when he was 15 years old, he entered the Parsons establishment as an apprentice. At this time the Parsons place was the largest producing nursery stock in America.

Antoine Wintzer inherited a genius for finding out the requirements of plant life, and under the skilful guidance of J. R. Trumpy he rapidly acquired the practical features of growing grapes and roses, but after spending two years at Parsons' he became dissatisfied, because the line of work they kept him at was too narrow—so he left Parsons and engaged with Eugene Bauman, one of the most prominent landscape gardeners in the east. His idea was to learn landscape work, but Mr. Bauman, who had now settled at Rahway, N. J., found that Mr. Wintzer was such a skilful propagator that he gave him full charge of the one greenhouse that he then owned. He allowed Mr. Wintzer to experiment with different methods of propagation and it was here that Mr. Wintzer reached settled conclusions, in certain lines, especially the propagation of hardy shrubbery, and he still feels that his experience with Mr. Bauman has been a most valuable asset in his life work. At Rahway Mr. Wintzer contracted malaria, and left his position with Mr. Bauman to recuperate at his father's home in Flushing.

After regaining his health Mr. Wintzer felt afraid to go back to Rahway, so he engaged with Mahlon Moon, at Morrisville, Pa., as propagator of evergreens, roses, etc., but his stay here was a short one, he being again threatened with an attack of malaria.

From Morrisville he went to Sewickley, Pa., and engaged with James Wardrope, but here again his stay was as brief, as he again contracted malaria and left for home, but Mr. Wintzer has most delightful recollections of his short sojourn at Wardrope's.

This brings us to a new chapter in his life, for, after again recovering his health, he went to West Grove, Pa., to accept a position with the Dingee & Conard Co. He arrived at West Grove July 31, 1866, the anniversary of his wife's birth, so he says he cannot forget the date. On August 1 he commenced work for the Dingee & Conard Co. as propagator. They had two small greenhouses, 10x80 feet each, at this time.

This company at that time was doing a general nursery business, having over 300 acres devoted to the growing of fruit and ornamental trees, shrubbery, roses, etc., which were sold almost entirely through agents. This business proved to be unprofitable and it was Mr. Wintzer's ability as a propagator of roses that saved the company from being totally wrecked financially, for it was perceived that there was an increasing demand for roses grown on their own roots, and Mr. Wintzer was very successful in growing the roses, by a process which he claims was his own invention.

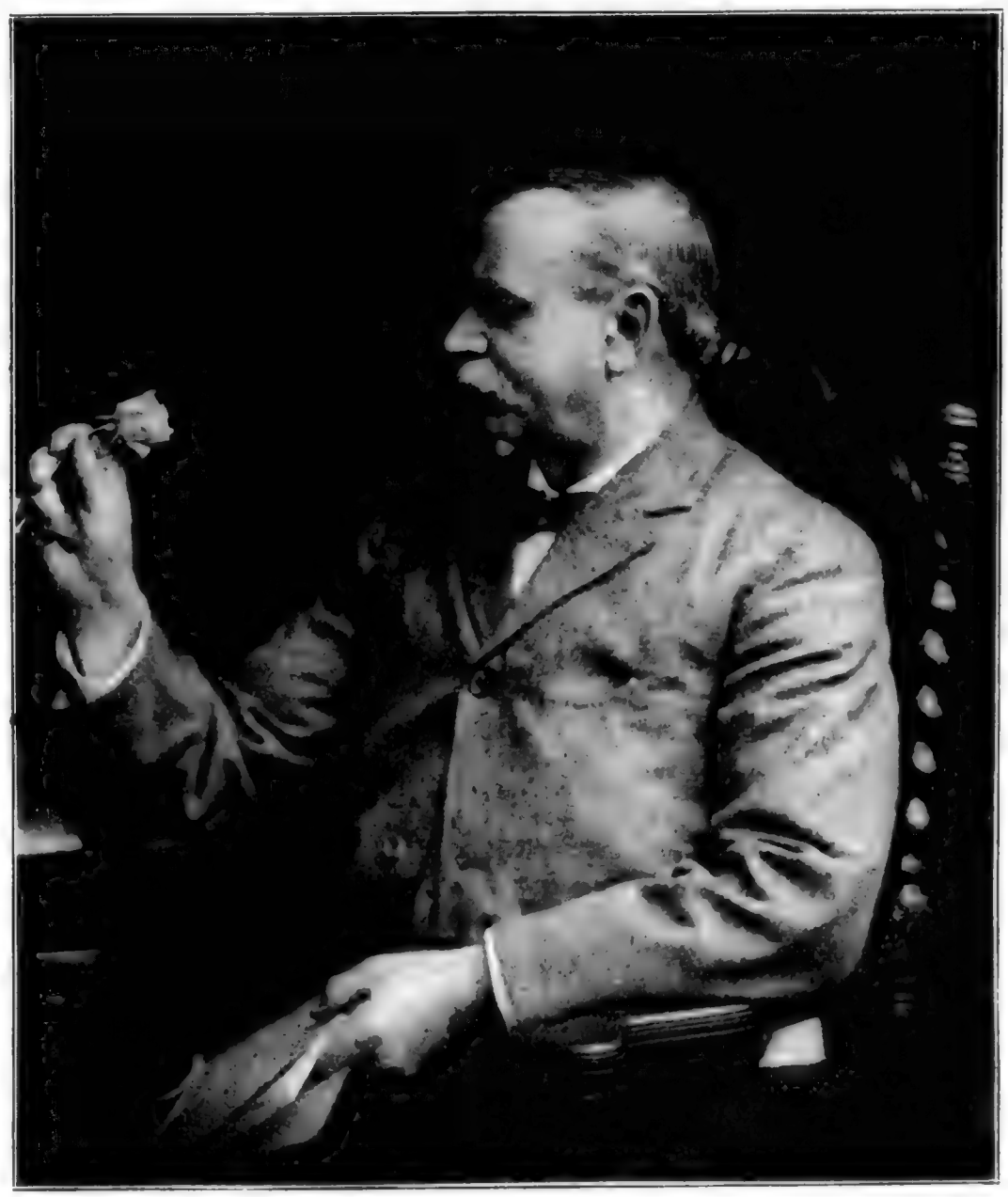
At this time the roses were sold almost entirely as one-year plants and shipped by mail to the purchaser. By advertising in a very few papers, enough customers were found to take all the roses they could grow in the few greenhouses that then comprised the plant. But other greenhouses were built and a catalogue published to help make sales, so the business grew and prospered and almost every year new glass was added to the plant. This continued till the year 1892, when the greenhouses numbered seventy.

Mr. Wintzer's ability as a propagator was now fully established; he had produced fine, healthy rose plants all these years and the number he could grow was only limited by the space at his command to grow them in.

Unfortunately, in 1892, differences arose in the management of the Dingee & Conard Co. and the late Alfred F. Conard, who had always been president of the company, withdrew. A year later, in 1893, Mr. Wintzer withdrew, leaving to others the splendid business that had been reared upon his life work as a skilful, untiring and devoted grower of the queen of flowers.

Mr. Wintzer had purchased a small farm about one mile from West Grove and had built thereon a commodious modern residence and in the fall of 1893 he erected two greenhouses. His business was continued with varying success and connections till 1897. He was anxious to enlarge the business and the late Alfred F. Conard, who had been associated with him for so many years previous to 1892, and S. Morris Jones, a business man of West Grove, knowing Mr. Wintzer's great ability as a propagator, furnished capital to organize the Conard & Jones Co. The new company purchased from Mr. Wintzer thirty-five acres of ground and his plant, which had grown to seven greenhouses.

That year the company erected seven more greenhouses, an up-to-date packing-house, a large boiler-room, and coal bins, and a frost-proof house for storing dormant plants. The new company has been very successful, so that the plant has now been largely increased in size. They issue a large catalogue, roses having first



Antoine Wintzer.

place, and in connection therewith shrubbery, cannas, bedding and decorative plants, flower seeds and bulbs.

In 1893, when Mr. Wintzer started business on his own account, he commenced a careful, methodical line of work to improve the canna. In this line he has been successful beyond his most sanguine expectation, but most deservedly so, for no one who has not followed him in it can imagine the amount of work or the time required to develop a shade of color when there is no parent of that shade to work with. It takes exceptionally good judgment on the part of the hybridizer to improve each succeeding year the feature in the plant or flower that he is trying to develop. Mr. Wintzer has shown that he has this ability in a marked degree, and Mont Blanc, Buttercup, Betsy Ross, West Grove, Maiden's Blush, and other varieties that he has raised place him in the first rank, if not at the head of canna producing experts.

Mr. Wintzer at the age of 59 years is still as hard a worker as ever, his health is good and we look forward to many more years of successful work from his hands and brain. Above all else Mr. Wintzer wants it to be understood that rose growing is his specialty; he wants the company of which he has been vice-president and manager since its start to be recognized as second to none in producing roses of the best quality, on their own roots, and he wants to live long enough to establish the fact that his method of propagating roses is the best method that has yet been devised.

PETUNIA THE QUEEN.

The accompanying illustration is from a photograph of a new seedling petunia named The Queen. This originated with the Yates Floral Co., at Canajoharie, N. Y., and the seed is to be distributed jointly by the Yates Floral Co. and the Scranton Florists' Supply Co., Scranton, Pa. The illustration shows a most attractive plant, the large flowers being remarkably double and the general habit of the plant excellent. The double petunia is in high favor, through recent improvements, and this sort is sure to be widely tested as soon as the originator is ready to offer seeds.

MISCELLANEOUS SEASONABLE HINTS.

Astilbe.

It is time to start astilbe, because, as will be often said, Easter is so early. We can scarcely call astilbe a profitable plant. It takes up lots of room, and yet we don't like to be without a batch of it. It does not occupy the benches long and can be entirely cleaned out after Easter. The first two weeks in the greenhouse it is just as well off beneath a bench, or until the foliage starts, when it should be given light. The plants usually are rammed into 6-inch pots, sometimes 7-inch or 8-inch. Whatever size it is, the pot is filled with a mass of roots by flowering time and it is almost impossible to give the roots water enough. A month before they are in flower stand every plant in a saucer in which keep constantly some weak liquid manure. You will soon notice a marked difference between these plants and those that are permitted to dry out several times daily.

Propagating Bedding Plants.

How is your propagating bed doing? From now on for two months the most favorable conditions prevail for rooting the great majority of soft-wooded bedding plants. Such quick rooting plants as coleus, ageratums, etc., can wait a few weeks, but there are others that should now receive attention. That useful little variegated geranium, Mme. Salleroi, that we recommended you to lift in the fall, now can be pulled to pieces. Every shoot will root and make a good bedding plant for the month of May. Lemon verbenas and lantanas that have been resting beneath a bench since they were brought in should be shaken out, repotted, the green tips of the wood cut back, frequently syringed, and they will soon give you an abundance of cuttings which root easily if never allowed to wilt in the sand.

When you start your hydrangeas they will be sure to provide you a few cuttings that will spring from the base of the plant. These are the best of cuttings and if they go into the sand you will have a good start to make fine plants for growing in pots this summer. Acalypha is another plant that should be propagated now.

It is difficult to get satisfactory plants of lobelias from seed for baskets and vases and it is better to pot a few plants in the fall, cutting back the long growths. Cuttings of these should be put in, also that useful little plant, the double sweet alyssum, of which we seldom have too many when bedding time comes.

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Although many consider it early to sow verbenas, they should be sown by the end of the month. They do not always germinate successfully and if sown this month you will be able to get a cutting from each seedling. Procure seeds of the best strain you hear of. Some seed houses catalogue verbena seed in separate colors, red, blue, white, etc., but a good mixture will generally fill the bill. The advantage of seedling verbenas over plants from cuttings is that they are free from mildew, rust and other diseases which nearly always afflict plants carried over winter in a greenhouse. The seedlings are sure to grow and flower freely.

Verbena Venosa.

Don't forget at the end of the month or early in February, to sow a packet of Verbena venosa. This is a distinct species from our common verbenas and is always raised from seed, a strong, vigorous grower, free flowering, of a bright purple color and when in combi-



Seedling Petunia The Queen.

nation with a variegated geranium it has a most pleasing effect. This verbena never needs to be put into pots. Pricked out in flats, it does finely transplanted to the flower beds.

Ferns for Window-boxes.

For the last two seasons we have been called on to fill many veranda-boxes with plants of Boston and Scottii ferns alone. Many people prefer the cool and graceful fern fronds to flowering plants and I think their taste is correct, so no foot of bench-room should be left unoccupied. Any corner where you can spread four or five inches of soil should be filled with young plants of these ferns. They will make twice the growth they would in pots. They can be lifted after Easter and put into 5-inch pots and be established by the middle of May.

Easter Plants.

We are having a dark, gloomy winter, but not a cold one. Look out for that new growth on your azaleas and keep it rubbed off or it will take the strength away from your flower buds, which will come blind. It is much easier to retard your Easter azaleas now than it is the latter end of March, and sorts like Mme. Vander Cruyssen should be kept only a few degrees above freezing. Don't be scared; an azalea will endure anything above actual freezing.

Japan lilies intended for Easter will now need 65 degrees at night. It is only eleven weeks now until the great feast of lilies and the weeks quickly slip by. Why there is need of hurry is because we will not have two or three weeks of bright April weather to help us out at the end of our efforts. Squirt a weak solution of nicotine into the crowns of the plants every two weeks and that will keep down the aphis.

WILLIAM SCOTT.

BEATRICE, NEB.—The Dole Floral Co. advertises that "while dumping manure has been forbidden in many parts of the city, they will furnish a dumping ground for all. People who have refuse of this character can drive in near the greenhouse and find a dumping ground." It brings them much valuable fertilizer.

THE RETAIL FLORIST.....

LUNCHEON FLOWERS.

Often at luncheons and sometimes at more formal affairs the flowers are, on rising, distributed to the guests. The flowers may be arranged so that they may be taken apart into separate bouquets for distribution without trouble, the stems of each bunch being wrapped in tin foil, yet when all together they do not look like separate bouquets.

Another way in which they have been presented to guests after a luncheon is by being lightly and gracefully laid into a fancy hamper-shaped basket. Delicate sweet-scented flowers with adiantum are charming when so brought in for a farewell token. More persons can be easily provided for in this way than in the first, perhaps.

It is sometimes an easy way to have the guests on rising from table take flowers with them. Not only one choice rose laid for this purpose by each cover, but flowers used as a border, or placed flat upon the table in sprays. In this case the waiters at the end of the luncheon or dinner quickly turn the stems toward each woman, so that she sees that it is intended that all are to take away the flowers and foliage used for decorations.



Store of August F. Beyer, South Bend, Ind.

LAND OF THE FREE.

W. J. Palmer has been arrested on a warrant sworn out by one Mabel Gillespie, charged with violating the law prohibiting the employment of child labor. It appears that a school boy, under the legal age for factory employment, wanted some Christmas money and asked Mr. Palmer for a job. He was set to opening and closing the door for Christmas shoppers. This may be the land of the free, but it is apparent that the interpretation of its multiplicity of laws calls for the exercise of a little common sense.

AN INDIANA STORE.

On this page are two illustrations reproduced from photographs recently made of the store of August F. Beyer, at South Bend, one of the busy and growing cities of Indiana. Mr. Beyer is one of the oldest florists in Indiana and the store is in charge of his son, Paul, who is well up in store management, having spent several years with leading Chicago retailers, including the Geo. Wittbold Co., which handles any kind of an order, from filling a fern dish to sodding a lawn, from selling a boutonniere to deco-



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Although many consider it early to sow verbenas, they should be sown by the end of the month. They do not always germinate successfully and if sown this month you will be able to get a cutting from each seedling. Procure seeds of the best strain you hear of. Some seed houses catalogue verbena seed in separate colors, red, blue, white, etc., but a good mixture will generally fill the bill. The advantage of seedling verbenas over plants from cuttings is that they are free from mildew, rust and other diseases which nearly always afflict plants carried over winter in a greenhouse. The seedlings are sure to grow and flower freely.

Verbena Venosa.

Don't forget at the end of the month or early in February, to sow a packet of Verbena venosa. This is a distinct species from our common verbenas and is always raised from seed, a strong, vigorous grower, free flowering, of a bright purple color and when in combi-



Seedling Petunia The Queen.

nation with a variegated geranium it has a most pleasing effect. This verbena never needs to be put into pots. Pricked out in flats, it does finely transplanted to the flower beds.

Ferns for Window-boxes.

For the last two seasons we have been called on to fill many veranda-boxes with plants of Boston and Scottii ferns alone. Many people prefer the cool and graceful fern fronds to flowering plants and I think their taste is correct, so no foot of bench-room should be left unoccupied. Any corner where you can spread four or five inches of soil should be filled with young plants of these ferns. They will make twice the growth they would in pots. They can be lifted after Easter and put into 5-inch pots and be established by the middle of May.

Easter Plants.

We are having a dark, gloomy winter, but not a cold one. Look out for that new growth on your azaleas and keep it rubbed off or it will take the strength away from your flower buds, which will come blind. It is much easier to retard your Easter azaleas now than it is the latter end of March, and sorts like Mme. Vander Cruyssen should be kept only a few degrees above freezing. Don't be scared; an azalea will endure anything above actual freezing.

Japan lilies intended for Easter will now need 65 degrees at night. It is only eleven weeks now until the great feast of lilies and the weeks quickly slip by. Why there is need of hurry is because we will not have two or three weeks of bright April weather to help us out at the end of our efforts. Squirt a weak solution of nicotine into the crowns of the plants every two weeks and that will keep down the aphis.

WILLIAM SCOTT.

BEATRICE, NEB.—The Dole Floral Co. advertises that "while dumping manure has been forbidden in many parts of the city, they will furnish a dumping ground for all. People who have refuse of this character can drive in near the greenhouse and find a dumping ground." It brings them much valuable fertilizer.

THE RETAIL FLORIST.....

LUNCHEON FLOWERS.

Often at luncheons and sometimes at more formal affairs the flowers are, on rising, distributed to the guests. The flowers may be arranged so that they may be taken apart into separate bouquets for distribution without trouble, the stems of each bunch being wrapped in tin foil, yet when all together they do not look like separate bouquets.

Another way in which they have been presented to guests after a luncheon is by being lightly and gracefully laid into a fancy hamper-shaped basket. Delicate sweet-scented flowers with adiantum are charming when so brought in for a farewell token. More persons can be easily provided for in this way than in the first, perhaps.

It is sometimes an easy way to have the guests on rising from table take flowers with them. Not only one choice rose laid for this purpose by each cover, but flowers used as a border, or placed flat upon the table in sprays. In this case the waiters at the end of the luncheon or dinner quickly turn the stems toward each woman, so that she sees that it is intended that all are to take away the flowers and foliage used for decorations.

LAND OF THE FREE.

W. J. Palmer has been arrested on a warrant sworn out by one Mabel Gillespie, charged with violating the law prohibiting the employment of child labor. It appears that a school boy, under the legal age for factory employment, wanted some Christmas money and asked Mr. Palmer for a job. He was set to opening and closing the door for Christmas shoppers. This may be the land of the free, but it is apparent that the interpretation of its multiplicity of laws calls for the exercise of a little common sense.

AN INDIANA STORE.

On this page are two illustrations reproduced from photographs recently made of the store of August F. Beyer, at South Bend, one of the busy and growing cities of Indiana. Mr. Beyer is one of the oldest florists in Indiana and the store is in charge of his son, Paul, who is well up in store management, having spent several years with leading Chicago retailers, including the Geo. Wittbold Co., which handles any kind of an order, from filling a fern dish to sodding a lawn, from selling a boutonniere to deco-



Store of August F. Beyer, South Bend, Ind.



Store of August F. Beyer, South Bend, Ind.

rating a cathedral. Not only is Mr. Beyer able to execute any order he may get but he is thoroughly acquainted with the purchasing power of a dollar under varying conditions and applies himself closely to business, two qualifications which go a long way toward success. He has made good progress since he started for himself at South Bend. He early found he had not the patronage that would stand the prices charged for the best stock in high class metropolitan stores, but that a satisfactory volume of business could be done with dependable stock, living prices, and on this line he is steadily developing his business.

SEASONABLE FLOWER SEEDS.

Will you kindly inform me what flower seeds can be sown for both Easter and Decoration day? W. C. E.

We know of few, if any, flower seeds that can be sown as late as this and be in flower at Easter, unless it be the candytuft, which you should sow at once in flats and when an inch or so high transplant in four or five inches of soil, six inches apart, in a cool house and on a light bench. In plants or roots there is a greater variety that could be brought in by Easter if planted and started at once. There are astilbe and freesia, besides many hardy shrubs that there is plenty of time to start yet for Easter, and deutzia and lilac. But I really cannot think of any seeds that can be sown now that would be useful or profitable. Sweet peas can be sown now in a light, sunny house and would be in flower for Decoration day, and cold storage Japan lilies, if procured at once, started and kept in a cool house, would come in by the end of May. The above is too big a query. Ask us something more specific.

W. S.



CARNATION NOTES.—EAST.

Continued Use of Propagating Sand.

As has many times been stated in these notes, cleanliness is essential in all operations connected with propagation, and to express more clearly the full meaning of the word, it may be well to state that there are at least three degrees of cleanliness: tolerably clean, clean and spotlessly clean—the latter, figuratively speaking, being the degree to strive for. This is especially true as regards those details which have to do with maintaining the sand in good condition for successive batches of cuttings.

My recent advice, to leave the propagating sand outdoors until near the time needed was with the object of exposing it to the action of frost. This, I believe, is not only, for all practical purposes, as beneficial as sterilization, but, as is the case with soil, it is in a certain sense improved mechanically, or physically, as you may choose.

After being screened to remove pebbles, sticks and all other foreign matter possible, a still further inspection should be made during filling and leveling in the bench to make sure no matter subject to decay remains.

Before firming it is our practice to flush the bench; that is, to apply sufficient clear, cold water to flood the whole. In passing off the water will carry out small particles of soil or clay if present.

Prepare cuttings in a place apart from the propagating house, at least from the bench, to guard against any trimmings getting into the sand. Any and all in a batch of well cared for cuttings showing signs of wilt should be removed. The chances are they will decay, causing trouble, and even if revived and eventually rooted they will turn out cripples.

During the interval between inserting in sand and rooting, give two or three weak applications of ammoniacal copper solution. A teaspoonful to five gallons of water is about the proper strength. These are not extra applications of water, but the addition of the solution to the regular watering, and applied in the same manner, it being assumed that this operation is done with a fine rose.

After removing a rooted batch, loosen up the sand to a depth of an inch or so by raking, allowing a few days to air out; and if during this time the sun can have full play on the space, all the better. This depends, however, on the weather, arrangements of shade, etc.

With all careful preparation and due attention to every detail calculated to prevent trouble, there is no positive assurance that we shall be free from it. To gain success we must also have strong, healthy stock from which to obtain cuttings. There must be no laxity on the part of a grower in his attention to watering, temperature, shading and, to touch once more on that perhaps threadbare subject, cleanliness. How often, alas! do we see the paths of a propagating house strewn with discarded cuttings, or other refuse, the sashbars sadly in need of a scrubbing and, if nothing more, a coat of whitewash.

To allow carelessness to enter into the work of propagation, thinking to remedy the evil, more than likely to occur by frequent change of sand, seems to me a waste of time and raw material.

Geo. S. Osborn.

BENCHING A LOW HOUSE.

I want to bench a low house for carnations. The house is four feet at the gutters. I use steam heat. I want to make the benches as low as possible and get the best results. How low should that be? Will it be best to put the heating pipes under the benches? P. H.

You do not give enough data about your house for me to form an opinion as to arrangement of benches and pipes. If it is a single, or detached, house, with glass under the gutter on the south side, there should be no trouble. You can make the benches as low as you like in that case. But if the sides are boarded up to the gutters, then you will not be able to get much out of the south bench in the way of cut blooms. Either take off the boards on the south side and put in glass down to within eighteen inches of the ground, or else raise that bench high enough so that it will get the sun all winter and, if it is not far enough away from the glass for blooming plants then use it for low-growing stock, such as your young carnation plants, etc. When there is no shading to be taken into account, then the height of your benches should be governed by what you may consider the most convenient to work. Allow at least thirty inches for headroom, but more will be better.

The steam pipes do not need to be under the benches; in fact, they should not be unless there is enough room so they can be a foot away from the bench soil. Otherwise you will have trouble in keeping the soil from drying out at the bottom. Distribute them evenly through the house; that is the main point.

A. F. J. B.

FEEDING CARNATIONS.

I want to feed my carnations. What proportion of pulverized sheep manure would you use in the soil for this purpose? F. R. M.

Mix your pulverized sheep manure with soil, say about one part manure to two parts of screened soil. Spread this on the bench about half an inch thick and water soon after. This makes an excellent food if your plants are in good condition for it. A. F. J. B.

GOOD COMPANIONS.

We are going to plant a part of one house to Enchantress next summer and would like to know if Lady Bountiful, for white, would do to plant in the other part. Will they stand the same temperature and treatment? A. R. & S.

Yes, Lady Bountiful will do splendidly in the same house with Enchantress. Both enjoy the same temperature. Plant Bountiful where the light is the strongest and Enchantress where there is the most shade from the roof, etc. Bountiful will come more free from that pink mottling you sometimes see when the light is weak in cold weather, while Enchantress will have a better color when not subjected to the glaring sunlight.

A. F. J. B.

SPLIT CARNATION FLOWERS.

Improved methods in growing carnations and the introduction of improved varieties, though having made great progress in the last decade, have not as yet mitigated to any great degree the provoking habit of the divine flower of producing a large percentage of malformed blooms, commonly termed splits. How to mend these flowers so as to enable the grower to obtain as high a price for them as possible has no doubt engaged the best attention of not a few carnation specialists. Split carnations are a product of every carnation growing establishment, which, we are safe to say, will be with us for some years to come at least, and what careful cultural methods fail to accomplish while the blooms are developing on the plants must be provided for after they are cut.

A little device upon which a patent has been applied for by the inventor, A. J. Baur, of Erie, Pa., does the work, is practically invisible and leaves the



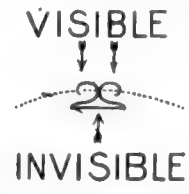
As picked. After mending.

A Bursted Carnation Calyx Repaired With Baur's New Wire Clip.

least possible room for objection from even the most particular customer. Instead of passing around or through the flower, the little wire clip used serves simply to hold together the two broken edges of the split calyx, holding it in its natural position and bringing the petals into the position that they would have occupied had the calyx not been split. So well is this accomplished that Mr. Baur says the flowers, after being thus mended, have been regularly sold with the highest grade at the highest price of fancy blooms, and thus far not a single objection has been heard.

The accompanying illustrations give a good idea of the work done by the device. The first two illustrations are from photographs as nearly true to life as an expert photographer was able to make them. They were taken from the same flower, of the variety Mrs. Thos. W. Lawson, before and after mending. The small portion of the wire clip used to mend the break that shows outside the calyx may be seen in the illustration if carefully looked for. No effort was made to conceal anything in taking and finishing the pictures, the photographer being instructed to bring out the details as nearly true to life as possible, so that all that is lost is in making the plates and printing. The wire clip, being made of galvanized wire, is almost invisible against the color of carnation foliage. In the illustration showing the mended flower a slight malformation may be seen in the arrangement of the petals. This is due to the difficulty of having been compelled to put on the clip with a common pair of pincers, the brass model being in the hands of the manufacturer at the time of taking the pictures. One of the guard petals was destroyed in the operation, giving a portion of the flower an empty appearance.

The third picture shows the pincers that are used in applying the clips. It was taken from a wooden model, for the same reason as that above mentioned—that the brass model was in the hands of the manufacturer. It was not possible to show the smaller details in the instrument on this account, but the picture gives a good idea of the general construction of the pincers. The jaws are shaped so that the wire clips can be easily and quickly picked up. The front end of the pincers is provided with two prongs, by means of which the stray petals are pushed up into their natural position with one movement, and the act of catching the two broken edges of the calyx and pressing down the teeth of



Actual Size and Visible Parts of Clip.

the clip complete the operation. It is all done in much less time than it takes to tell it. The fourth illustration shows the exact shape and size of the wire clip and how much of it is visible after being applied to the flower. The clip used at present and shown in the second picture is made of No. 22 wire, but a smaller size will be used in the manufacture of those that will be offered for sale, namely No. 25.

The inventor anticipates a great demand for the device, and with that in view has given a large order for its manufacture. He will be at the convention of the American Carnation Society to be held at Toronto this month, where the invention and the work done by it will pass under the critical scrutiny of the foremost carnation men of the country.



Model of Baur's Pincers for Applying Clip to Split Carnation Calyx.

CARNATION NOTES.—WEST.

Handling New Varieties.

You will soon be receiving cuttings of the new varieties you bought if you were wise enough to get your order in early. Those that have already reached me are all nice, clean stock and if kept growing will make fine plants for benching. What a difference there is between the stock that is sent out nowadays, of the novelties, and the way they used to reach us a few years ago! This is as it should be, and if you do not succeed with the varieties sent out it is your own fault, generally. I say this advisedly and I will tell you why so many times you fail with a variety after the originator had great success with it.

One of the most frequent causes of failure is your greed. You get the idea into your head that $12 per hundred is a big price to pay, but that you will be smart this time and steal a march on the disseminator. You will demand your cuttings early, extra early, and when they come you will pot them into rich soil and set them in the warm end of the house and whoop them up every way you can. About March 1 you will get a good cutting off of each plant, and instead of 100 plants you will have 200 plants for the $12.

In taking off that cutting you cut down that young plant close to the pot; in fact, you take away most of the plant. If it were a strong, sturdy young plant it would hurt it most severely; but think how it must injure a plant that has been forced to make a quick, unnatural growth, to suddenly take off practically all the growing portion when it is in full growth. The check is most ruinous. When the lower eyes break out it is in a half-hearted way and the growth is weak and prone to contract any disease that happens along; so that by planting-out time you have 100 plants that are crippled and weak and 100 cuttings that are very late, and are practically blooming shoots, too near the bud to make really first-class plants.

Had you potted up the original cuttings, the same as your regular stock, given them the same care and topped them properly, you would have had 100 fine, sturdy plants instead of a lot of runts. The next winter you not only become disgusted with the variety and throw out a good thing, but you lose the revenue from the space they occupy.

You not only hurt yourself financially

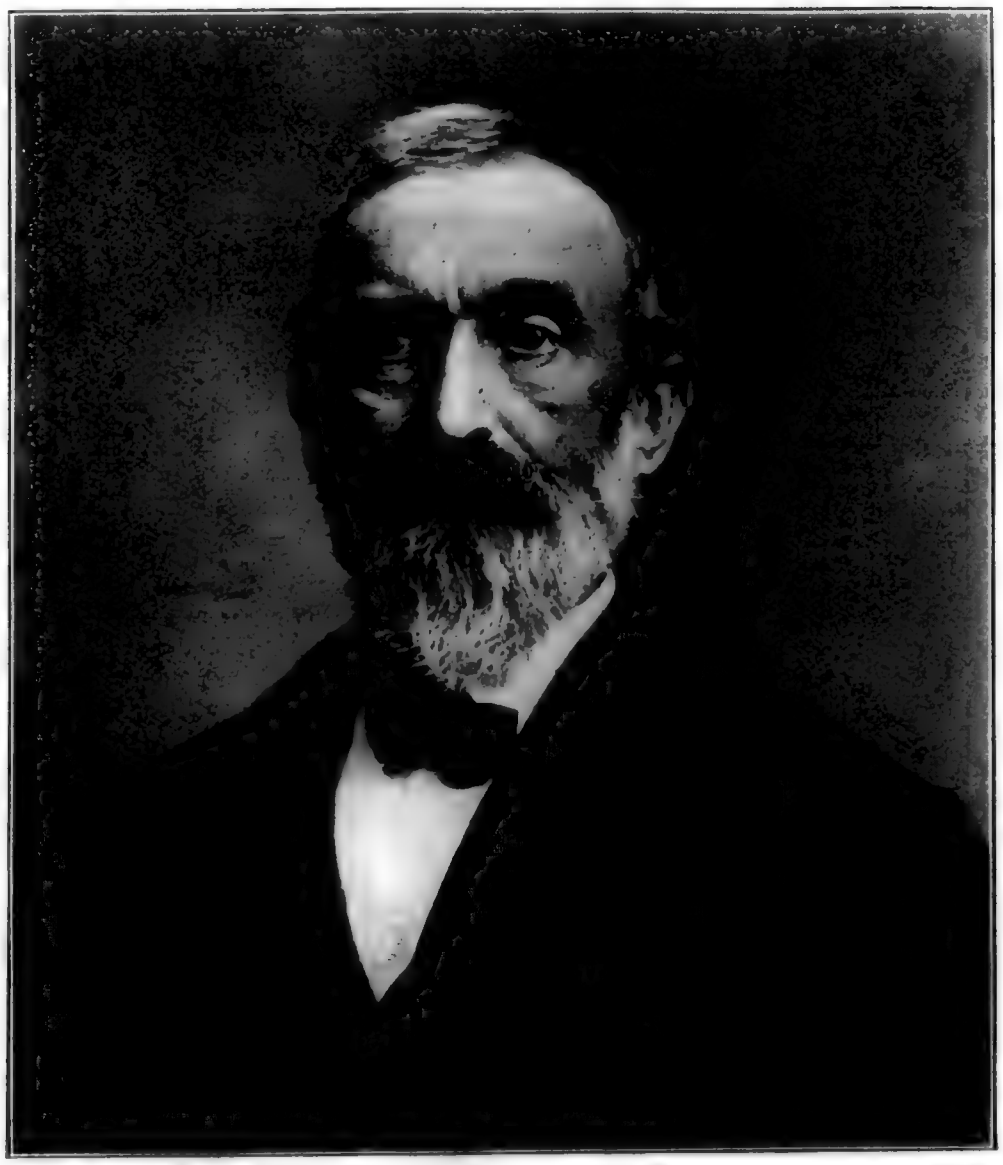
and wrong the variety, but you wrong the originator. Don't imagine that when you pay him the money, the deal is done with as far as he is concerned. While he would perhaps not care, and perhaps would have no legal right to care, if you made a dozen cuttings from each cutting he sells you, yet he has a right to demand that you handle them in such a manner that they will be able to show their real worth. When a plant breeder sends out a new variety he has more at stake than the money he expects to take in from the sales. His reputation is worth more to him than the money, for upon that reputation will depend his future success in launching new varieties upon the market. And so, when he ships you a portion of the stock that he sends out, he also sends you a portion of his reputation with it, and for which you are responsible. When you ruin the plants you also ruin that much of his reputation, unless you will let it be known that it was your fault entirely that the variety failed.

Another reason is that you do not take enough pains to acquaint yourself with the peculiarities of a variety and its special wants. You buy a dozen new varieties, set them side by side and handle them exactly alike from beginning to end. Part of them succeed while others fail, simply because they should have had a little different treatment. For instance, one variety may want to be topped close until it has made a good stool, while another, if topped too much, will grow grassy. One will want to be planted early, while another will suffer if disturbed during hot weather. One variety will make an early crop of inferior blooms, which, if taken off while in the bud stage, will cause the next crop to come just right and of high quality; while another variety, if topped back after being housed, will refuse to make another crop until toward spring. It takes an expert to foresee these things and even then he will miss it frequently.

When you buy a new variety, write to the originator for instructions. He will gladly give them, if the variety needs any special treatment, for the sake of his own reputation. Ask him about the texture of his soil, about feeding and about the temperature required and about the stem; whether it needs strengthening with wood ashes, etc. Also whether the variety is inclined to disease in any way, and about thrips, etc. I am sure I would not hesitate to answer any such questions honestly, and it ought not to injure the sale of any variety.

When a man tells you that a variety is proof against all the ills of the species, that it has not a single fault and that it outranks all others in quality and quantity, then you had better investigate a little, quietly, before you invest. I have never known such a variety and I doubt if you ever will. But do not mistake peculiarities for faults. They are quite distinct. A peculiarity can be remedied or, at least, need not be detrimental, while a fault cannot be overcome altogether, and is harmful.

A. F. J. Baur.



John E. Haines.

AMERICAN CARNATION SOCIETY.

Toronto Exhibition.

President Dunlop has authorized me to announce that exhibitors at the show to be held in Toronto, Ont., January 23 and 24 will be given until 2 p. m. January 23, instead of 1 p. m., as announced in the premium list, to stage exhibits.

This addition of one hour to the time for staging was thought advisable on account of the fact that some of the trains do not get in until 10:30 a. m. and if they should be a bit late it would not give exhibitors time to get their flowers staged by 1 p. m.

Kindly remember that entries are to reach the secretary not later than Wednesday, January 16. Entries made at the show cost $1 for each entry, and if they do not reach Lancaster, Pa., by January 16 there is danger of their coming in after I have left for Toronto.

Albert M. Herr, Sec'y.

A VISIT TO J. E. HAINES.

A very interesting collection of carnations was seen on a visit to J. E. Haines, at Bethlehem, Pa., last week. Mr. Haines, who began this business but twelve years ago, he tells us, has all his life been a great lover of flowers. He has taken a great fancy to raising seedlings and has a number of good promise. Twelve years ago he put up a small greenhouse to grow lettuce, radishes, etc., more for a pastime than for profit. In a few years he began experimenting in carnations and finally devoted all his time to growing new varieties of carnations, finding the work interesting and having good results.

Last year he distributed the John E. Haines, red, named for himself. On the home place this is looking grand, full of buds from one end of the house to the other. William Mangan, the foreman, tells us that they look just that way from the time they begin to bloom until thrown out in July. He says they make three blooms to any other red he has yet seen. In color, it certainly is fine. Though it was quite widely disseminated in 1906, orders are coming in nicely this year.

The benches of Imperial and Pink Imperial show that they are vigorous growers. The stems run high above everything else grown in the houses. The colors are takers in this vicinity, as well as in New York at A. J. Guttman's, where they found ready sale over the Christmas holidays. Mr. Haines was not able to supply one-third of the demand. Each year he uses more plants for flowering purposes and each year the demand is greater.

Among the coming varieties is a fine daybreak pink, a shade deeper than Enchantress, somewhat like the La France rose shade, well formed, fine calyx, and large; a flower now in bloom measures three and three-fourths inches. It has long, stiff stems, and is a thrifty grower. Mr. Haines also has a pink which he has marked No. 6. He says it is the greatest producer he has ever grown, beginning early and blooming the whole year round. It is good for field blooming as well as indoors.

The Star of Bethlehem, a pure yellow, is a pleasing shade, a free bloomer and has good stem. There are other promising pink, white, red and variegated seedlings coming on.

On the place can be seen Enchantress, My Maryland, White Perfection, Pocahontas and Jessica. William J. Mangan, a good all-round man, has charge of the growing part. The houses never looked better. He has worked among flowers since he was a boy of 10 years. The last six years previous to entering the employ of Mr. Haines he was in the em-

ploy of John Wanamaker, Philadelphia. Mr. Haines is also assisted by his daughter, Mrs. George Haines Weber, who takes great interest in the business and aids her father by keeping the books and attending to the correspondence.

In the summer of 1906, three greenhouses were added to the plant. They are filled with his three new varieties, John E. Haines, which was disseminated in 1906, and Imperial and Pink Imperial, now being sent out.



In the New Houses of J. E. Haines, Bethlehem, Pa.

FORCING FOR EASTER.

Which are the best strains of ten weeks' stocks and candytuft for forcing for cut flowers and when should they be sown to be in bloom for Easter? When must gladioli bulbs be planted in a temperature of 50 degrees to be in bloom for Easter? W. B. & S.

The ten weeks' variety of stock is the only one you could expect to get in flower by Easter, sowing as late as this. These come in a variety of colors; a pure white called Mount Blanc is fine. The finest white candytuft you can buy is Empress and both the stocks and candytuft should be sown at once. If you contemplate growing candytuft every season you must select the finest spikes for seed. By selection for several years you can produce a strain of candytuft which will be a wonderful improvement on the seed you bought.

It is impossible to flower common gladioli by Easter, 1907, in a temperature of 50 degrees. I doubt if they would be in bloom in any temperature by that date. They are very slow. If planted now they would be in bloom during May. W. S.

ASTERS IN MISSOURI.

Kindly let me know what varieties of asters in all colors would pay best to grow in the state of Missouri. What time should the seed be sown and how should they be handled for early outdoor blooming? W. W.

I know of no reason why asters are difficult to grow in Missouri, but have been told by residents of St. Louis that the climate of Missouri is not favorable to produce fine flowers of the popular annual. I would recommend you to try a few of all the leading varieties, or at least the leading varieties, which are Comet, Victoria, Truffaut's Peony-flowered and the late branching form. There are other varieties, but the above will cover the season, especially if you include the Early Market variety.

For an early crop the seed is usually sown in flats only covered enough to hide the seed. When the seed leaf is fully developed they are transplanted into other flats in two or three inches of soil, one inch or a little more apart. This transplanting is a simple job, yet there are one or two points about it that you should be particular to observe. For instance, the seedlings must be planted deep enough so that the seed leaf is resting on the surface of the soil, and the soil must be made firm and compact around the roots of the seedlings. The first watering will settle the soil on the surface sufficiently.

Instead of flats you can transplant the seedlings into a vacant carnation or violet bed, but I prefer the flats of convenient size, because they can be removed outdoors and the plants hardened off and the plants can be carried in them to the very spot where you are planting in the field.

Our first sowing is made in early March and other sowings at intervals of two weeks. Many asters are sown in coldframes in drills and transplanted in other frames. Animal manure is considered better than any chemical fertilizer for asters and they should be within reach of the hose, for many a fine field is often ruined by a long spell of dry weather. In the months of July and August, and sometimes September, the early varieties can be planted one foot apart. Victoria and Truffaut's should have at least eighteen inches of space and the branching varieties two feet. Leave out every fifth row of plants. You will need this space to hoe, water and pick flowers. W. S.

STOCK FOR MEMORIAL DAY.

Please tell me what is the best lily and its treatment for Decoration day. Also, what other plants and flowers are profitable for florists with small ranges? E. E.

The Japan lilies, or, more properly, the bulbs of Lilium longiflorum grown in Japan, are best for this late date. It would be quite feasible to leave these lilies out in a frame until the first part of March and then, with little forcing, have them in flower for Memorial day. But there would be danger of their being hurt by our cold weather of January and February. Therefore, I would advise potting them when received and after six weeks in the coldframe bring them into the greenhouse the middle of December and place them in a cool house. A house 40 to 45 degrees at night will be warm enough. The natural increase of temperature and sunlight will bring them on fast enough.



In the New Houses of J. E. Haines, Bethlehem, Pa.

Some ten years ago, when the Japan bulbs first began to be imported, we received 1,000 bulbs too late, we then thought, to force for Easter. So we kept them in a cool house and they came

in just right for Memorial day. They were free of all disease and I have never once seen a more even lot of plants. We don't attribute the success to any special treatment so much as we do to the fact that the plants were well ripened before being dug and the bulbs were fully matured. So anxious are we to receive the bulbs early that the Japanese dig the bulbs in a green state and this is the cause of dissatisfaction and irregular growth of these lilies.

Save some of your roots of astilbe until the first part of April and then pot them. The astilbe is such a hardy plant you can store it almost anywhere during the winter months. But covered with two or three inches of soil in a coldframe is better than leaving the roots in the cases they arrived in. Besides, there is the standard crop of flowers—roses, carnations and sweet peas. The latter should be in prime order at the end of May. You might sow some candytuft about the middle of March. Sow the latter in drills on a bench and when two or three inches high transplant to six inches apart on the bed or bench. If you have a bed of lily of the valley outside cover it with sash before the bells open. It will be a very different article from that exposed to rains. For flowering plants it is the season of plenty. Our zonal geraniums are in full flower, also the show pelargoniums. Fuchsias and some hydrangeas are worth keeping for this day.

W. S.

STOCKS.

What course shall I pursue with stocks in order to have them bloom for Easter? My plants are now coming up. F. B. F.

If the strain of stocks is the ten weeks' variety I know of no better plan than to grow them along and shift when necessary on a light bench in a temperature of 50 degrees. If it is the Midlothian or any of the branching varieties, it will be difficult to get them into flower by Easter. You must be content to have them flower in April and May, when they will, I hope, pay you as cut flowers.

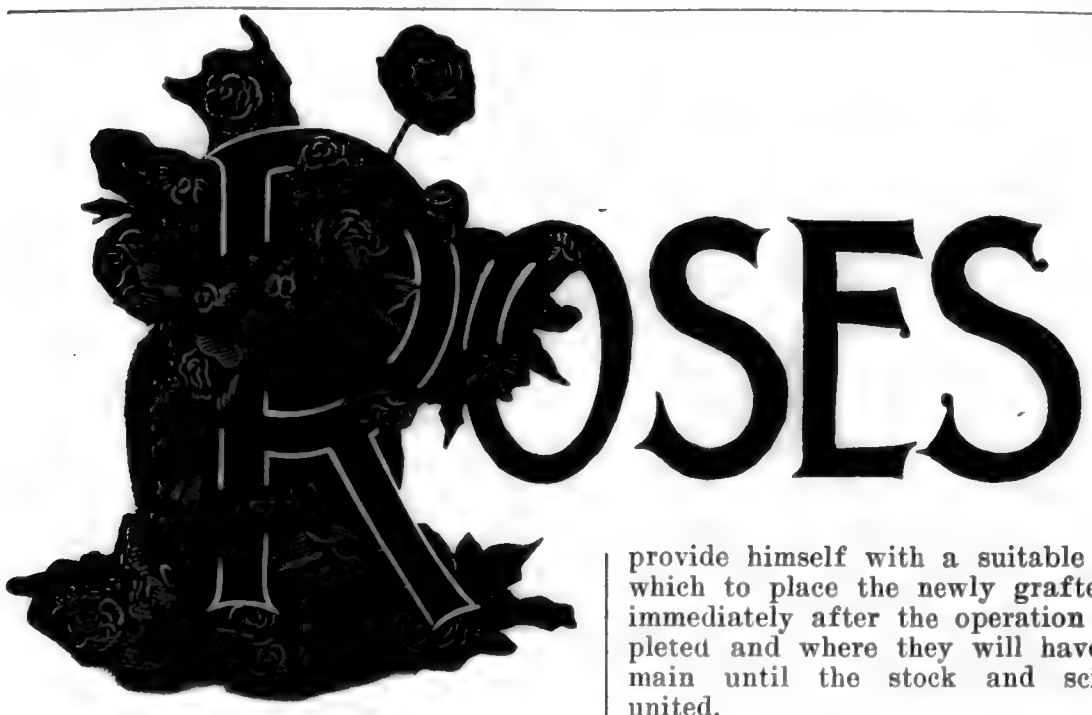
W. S.

CARNATION SOCIETY EXHIBITS.

Some misunderstanding seems to exist regarding carnation exhibits coming to Toronto for the convention and exhibition of the American Carnation Society. Kindly give prominence to the following:

Those sending exhibits only require the tags and stickers furnished by Secretary Herr to insure their goods being delivered at the exhibition hall at Toronto without delay. Arrangements have been made with the Canadian customs officials to pass all goods bearing said tags and stickers. No other papers or valuation invoices are required by the customs officer. Shippers should write at once to Secretary Albert M. Herr, Lancaster, Pa., for tags and stickers for as many boxes as they will send. No other precaution is necessary except to ship in time and wrap safely. We often have winter in Toronto.

D. J. Sinclair.



GRAFTING.

Grafting of stock for indoor work is, year by year, becoming common and this is a sure sign that in the majority of cases the results have been satisfactory.

To be certain that grafted stock will be more remunerative than own root stock, in your own particular class of soil, it is well to make an experiment with both kinds, giving each a fair trial side by side before going to the expense of using grafted stock exclusively; as in many of the heavy soils own root stock seems to be quite as satisfactory, if not more so, than grafted stock.

We must also take into consideration the varieties we intend to grow, as some of our varieties, such as Beauty, Meteor, Chatenay and, possibly, Richmond, succeed best on their own roots.

In order to make a success of this method of grafting, the operator must provide himself with a suitable case in which to place the newly grafted stock immediately after the operation is completed and where they will have to remain until the stock and scion are united.

This case should be made practically air tight, covered with glass sashes, and should be piped, so that a minimum of 80 degrees can be maintained under any conditions of weather. By having the case air tight it gives the operator full control as regards temperature and moisture of the inside of the case, without which little success can be attained.

If the Manetti stocks have been properly cared for since they were potted in November they will now be in good condition for the grafting table. Stocks which have made good root action and have just begun to swell the buds are more satisfactory than those which have been allowed to break the buds and show an inch or two of growth. If there are any of those among the stocks the buds should be rubbed off and the plants set back into a cool temperature for a few days.

The selection of the scion should be made with even greater care than is usually exercised in the selection of wood for cuttings, having in view the relative size of the stock and the condition of growth. The scion should be, if possible, of well ripened wood, of a size nearly approaching the size of the stock, for reasons which will be apparent further on.

Those who contemplate grafting their own stock will find these and following remarks more useful and clear if they would take the trouble to visit some establishment where this method of propagation is being practiced. They can then apply the advice offered here with better results after a good object lesson.

Ribes.

NEW ROSES IN EUROPE.

Undoubtedly the rose of the year is the beautiful variety, Queen of Spain, says the London Garden. S. Bide & Sons, of Farnham, are to be congratulated upon this, their first introduction among roses, and as they have begun so well it is to be hoped they will continue to add to the collection roses of equal merit. Many who saw the variety when first staged at the National Rose Show thought it deserved a gold medal, and so it did. Mr. Bide, junior, informed the writer that Queen of Spain was raised from Antoine Rivoire crossed with another variety, but what that was he could not say. The color is pale flesh with a darker center, the tint being much intensified upon plants one year old. It possesses the valuable quality of erect stems, so that the handsome flowers are borne well above the foliage, a trait it inherits from its maternal parent. It has especially good, lasting flowers, a fact fully demonstrated by the freshness of the blooms at the end of the two days' show at Holland House. No one can deny that fully three-fourths of the novelties introduced at the present day are of a very flimsy character, although charming in color, and, as garden roses, they are excellent, but there is room for many more of the type of Queen of Spain.

Perhaps the second rose of the year is William Shean. It received the gold medal of the National Rose Society last July. I was assured that it was one of the best introductions of A. Dickson & Sons, of Newtownards. It is described as a large flower whose color is of varying shades of pink, from reddish pink in the center to palest pink in the outer petals. When opening the form is good. The fully expanded bloom is almost intermediate in form between La France and Caroline Testout. It is one of the big roses, the petals being immense, and it must prove a highly valuable sort. For vases and other decorative work such roses have a distinct value when they can be cut with extra long stems, and judging from the plant exhibited this seems possible with William Shean.

The third novelty of the year is of continental origin, and is known as Mme. Constant Soupert. It is an exquisite flower, somewhat pointed, with grand petals and beautiful form. The color is rich golden yellow, with a margin of bright rosy red to its petals. It is reputedly a cross between Souvenir de Pierre Notting and Duchesse Maria Salviati. Soupert & Notting, of Luxembourg, are the raisers.

Dora is a seedling from Antoine Rivoire. It has been splendidly exhibited, especially in pots, and I believe it has a



Carnation House of Bertermann Bros. Co., at Cumberland, Ind.

great future. The color is a peach blossom tint, with deeper centers. Celia is another fine novelty, but will be valued more as a garden rose than an exhibition flower, although for this latter purpose it will prove useful by reason of its substantial blossoms and exquisite shape. It is a prodigious bloomer, and makes a thick bush, more vigorous, perhaps, than Grace Darling. The color is a soft satin pink. Both these were raised by William Paul & Son, of Waltham Cross.

OUTDOOR ROSES FOR CUTTING.

I wish to raise some roses to cut in the field and desire to know what kinds would give the best results in Maryland.
B. S.

Possibly the writer of the above may mean what class of roses is best for blooms outdoors, instead of what kinds. What are known as the hybrid perpetual class are the only truly hardy roses, but their season is short, the earliest blossoms opening about June 20, in this locality, and continuing to flower for a month. Six first-class varieties of this class are Ulrich Brunner, Paul Neyron, Magna Charta, Mme. Gabriel Luizet, Clio and John Hopper. This list could be greatly lengthened, and all worth growing if properly cultivated.

Plant dormant stock this coming spring, as soon as the ground is dry, and cut down to within a few eyes of the bud. Don't expect any great quantity of flowers the first summer. Be content with a strong growth, which, if cut down to within four or five eyes of the previous growth, will be sure to give you a grand burst of bloom the following summer. The first spring after planting the roses should have an abundance of water and a mulch of two or three inches of dairy manure to keep the surface of the ground from baking. Plantings of roses of these varieties should last for years if properly pruned. The trouble is, you are too much afraid to prune. After the second year, when you should get a full crop of flowers, you must prune every spring down to within three or four eyes of the previous year's growth. Straw-ing up the plants in winter does not amount to much and is not worth the labor. Rather spread six inches of stable manure around the base of the plant.

While on the subject of real hardy roses, I have often thought we ought to have a quantity of the ramblers, the Crimson Rambler, the Farquhar and Dorothy Perkins. What splendid material a branch of any of these ramblers would be for a decoration. All the pruning they need is to cut out the old wood that flowered last summer.

The tea, or truly ever-blooming roses, are not hardy and must be planted annually, but there is another class known as hybrid teas, some of which are satisfactory for summer blooming in our northern states. Best of all is Maman Cochet, the color of Bridesmaid, and its white form. These are especially worth cultivation and protection in winter. La France, Admiral Schley, Gruss an Teplitz, a fine crimson rose, President Carnot, Balduin and Etoile de Lyon and many more of this class could be recommended.

You are doubtless aware that roses of any class do not do well in a light, shallow, sandy soil and especially unfavorable is a worn-out old garden, however much manure you may add to the soil.

If you are growing these roses for cut flowers it will pay to disbud all of them, leaving only the strongest perfect bud; and if you can apply cold water at a pressure of thirty pounds to the square inch and apply it every morning, from the time the leaf buds break into growth until the blossom opens, you won't be bothered with aphis or any other enemy of the rose.
W. S.

THE BERTERMANN PLANT.

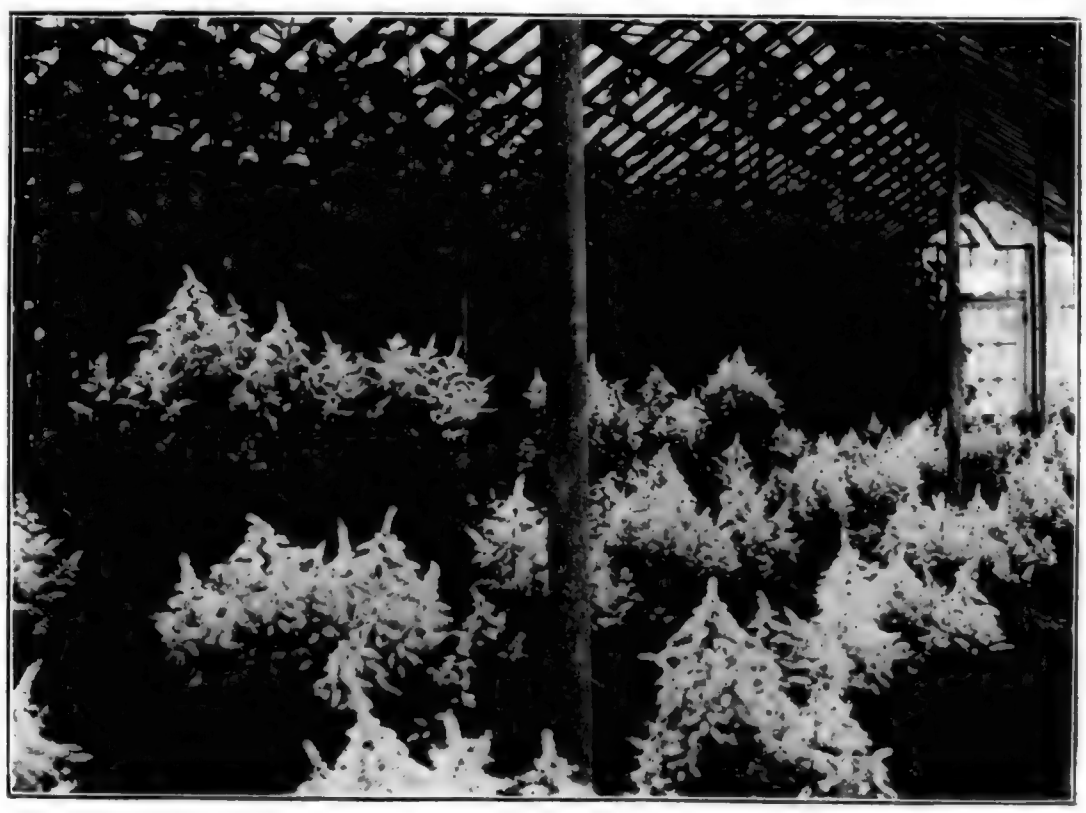
The accompanying illustrations are from photographs taken at the new plant of the Bertermann Bros. Co., at Cumberland, a few miles outside of Indianapolis. One of the pictures gives a view of the exterior. Another shows a house of carnations, and the third shows a bench of poinsettias, which were cut for Christmas, and also a bench of Spiræa Gladstone, which also was sold at the holidays.

The Bertermann Bros. Co. finds Cumberland an excellent place for the growing end of the business. It is removed from the city, where land is cheap and soil both good and plentiful, but it is on the trolley line and connected with the city store by telephone so that it is but a matter of a few moments to get stock to the store if needed on short notice. The Bertermanns keep store in first-class style and to meet their demand the stock turned out at the greenhouses has to be a first-rate article.

FORCING DUTCH HYACINTHS.

Dutch hyacinths, grown single bulbs in 3-inch pots, are easy to handle, make exceptionally fine spikes and the labor bill is much reduced in comparison to the old method of growing in 5-inch pots and boxes. And what is of even greater value, the cost of heating, as grown in England, is reduced by one-half. They are treated in the same way as when growing in water in glasses.

Grown in this way for the London market, the bulbs are buried in the soil only about one-half an inch. They are placed in 80 to 85 degrees of heat and given an abundance of water. The house they occupy is matted down with three or four thicknesses, to the total exclusion of all light and, of course, serving to keep in practically all heat given off from the pipes. The bulbs are kept in these quarters until the spikes are developed some several inches from the bulbs and the foliage is a couple of inches high, when they are brought into



Spiraea and Poinsettias at Bertermann's Greenhouses.

the light, when a short time suffices for them to open the spike and gain their color and green foliage.

A heated shed would suit them just as well as a covered glass-house. The cost of treating them in this manner is slight, including labor, heating, house-room and all incidentals; hardly one farthing each, or £1 per thousand. The average cost of the bulbs to buy in from Holland is 70 shillings per thousand, making the total cost to place them on the market £4 10 shillings, and many thousands are disposed of at an average of £6 per thousand, which leaves a fair working profit. One nursery I recently visited was growing over 40,000 in this way and not one per cent was a failure.

J. B.

DAHLIAS.

What is the proper time to propagate dahlias from cuttings? If they were propagated this winter would they make good plants and bloom well the coming summer? L. D.

You can propagate dahlias the first part of March and on through April and they will make the best of plants, bloom early and have fine flowers. Many growers prefer the plants from cuttings to the tubers or roots. Old roots are placed on a bench, where there is a little bottom heat, on an inch or so of soil, and a little soil is scattered on and between the roots. Soon eyes will break from the tops of the tubers. If these are cut off at a joint and inserted in 2-inch pots and the pots plunged in the propagating bed they will soon root.

W. S.

NEPHROLEPIS EXALTATA SPORTS.

Nephrolepis exaltata Piersoni was distributed in the United States in 1903 as a splendid decomposite sport from the so-called Boston fern, and evoked great admiration as a decidedly fresh and promising brake. N. exaltata elegantissima followed, 1905, still more finely cut, and, finally, so far as present records are concerned, Messrs. Rochford (October 9, 1906) capped an apparent climax with the N. exaltata todeaoides, already described. In this connection it is a curious fact that ten or twelve years ago, long before Piersoni appeared, Mr. Roupell, of Roupell Park, sent the writer a number of bipinnate fronds of N. exaltata, all unfortunately barren, which had appeared on a normal plant in his locality. This plant, however, either reverted or was lost sight of in some way, for, despite our urgent advice to sow and our prediction (since verified) that a capacity thus indicated might be the forerunner of very fine decomposite types, nothing more was heard of the particular plant.—Gardeners' Chronicle.

WHEN TO PLANT ASTERS.

When should I plant asters for outdoor flowers? L. D.

The first planting of asters is usually done as soon as the ground is dry and friable and danger of severe frost is past. Ours is such a big country and has such wide degrees of latitude that no arbitrary date will answer. This query comes from Kansas, where winters are short and sharp and spring early. There is possibly as much difference in climate between Kansas and Minnesota as there is between Copenhagen and Madrid, or St. Petersburg and the Crimea, where the olive grows and fruits. From what we know of the climate of Kansas, should say anywhere after April 20 would be safe to plant asters. W. S.

Greenhouse Heating.

EXPANSION TANK.

In your valuable paper there often appears in your queries on heating the following question: How high shall I place my expansion tank above the highest point in the heating pipes, and to what part of the system shall I connect the same? The answer is almost always the same, i. e., place your tank ten or fifteen feet above the highest point and connect with the main return near the boiler.

Now, the writer has no desire to set at naught the advice given by your heating engineer. But, having had experience in hot water heating, under almost all conditions, for a number of years, he has never been able to see that it made any difference in the circulation, whether the expansion tank was ten inches or ten feet above the highest point. That is altogether a matter of convenience, and has no bearing upon the efficiency of the heating plant; so long as it is above the highest point and large enough to take care of the overflow, due to expansion in water through heating.

As to where the connection should be made, I have learned that it makes no difference whether it is with the main flow or main return, or any part of the boiler or pipes, as far as the circulation goes, with moderate firing.

Place your expansion tank above the highest point in the system, in the most convenient place, and connect with ½-inch galvanized pipe to any part of the boiler or pipes. When it is left as a matter of choice, I always take the pipe to the expansion tank from the top side of the most convenient main flow pipe I can get at. Coils fed from this pipe will work more smoothly in hard firing than when the aircocks alone are depended upon to keep the pipes free from air and steam, incidental to heavy firing. In fact the coils above the tank connection will rarely need opening, as everything passes out through the expansion tank, no matter how hard you fire, the water being left free to circulate unobstructed by steam or air. And you take no chance of steam gathering at the high points and backing your water out through the expansion tank, shutting off the circulation, as it sometimes does when your tank connection is on the return pipes, or near the bottom of the boiler, should the boiler be a little large for the work it has to do, and heats up to the steaming point, perhaps, when the fireman is not about to open aircocks. Any one doubting this can quickly be convinced by giving it a trial.

The only object the writer has in publishing this is, that it may come to the notice of some one who is at sea on this question. There is nothing more perplexing to the grower than a faulty heating system—and the woods are full of them.

R. G. Milford.

TROUBLE WITH HEATING.

In reading S. C. Templin's heating record in the Review of December 20, I could not help but think of the difference between his case and my own.

I have a northeast and southwest house 40x100, with a combination of a short-span and a long-span roof; southwest gable glazed. Along the northeast end is a potting shed thirty-seven feet, leaving three feet exposed to the northwest. The west wall has 20-inch glass, with a few ventilators. The east wall has 30-inch glass, also a few ventilators; continual ventilation on top on east and



New Greenhouse Plant of Bertermann Bros. Co., Indianapolis, at Cumberland, Ind.

west sides. The height of the house is twelve feet.

There are six 4-inch flows under the benches and ten 4-inch returns; five open expansion tanks on the farther end. The flows when leaving the main rise about ten inches, then run to the farther end with another rise of ten inches. There are two boilers, but the work is not satisfactory.

When the mercury shows 10 degrees above zero outside, with a good breeze, the thermometer in the southwest end registers about 42 degrees, the northeast about 50 degrees. Last winter I could not get the pipes on the west side to get warm, while the east side were boiling, although they are level; so I put a valve in the main and took an outlet from the flow above the boiler and keep the valve closed. It heats fairly well now, but there is quite a difference yet. I also put in a valve between the first boiler and the main flow and keep it half closed. I use only one outlet from the first for flow, but take one branch on the top of the boiler, so the nine pipes west of the valve, in the main flow, have the other boiler and one branch from the first to feed them.

I had several men examine the system and they all disagreed as to the trouble. Are there enough pipes in the house? The boiler pit is eight feet deep and 16x20, but the heat is unbearable in a cold snap. How can I get the farther end hot enough, when the returns are hot near the boilers? J. A.

The piping in your houses is ample to maintain a temperature of 70 degrees. It is evident that the circulation is too tardy. It is possible that by installing a circulating pump you could greatly improve conditions. But I think that another plan may help, i. e., calk up the open expansion tanks and replace them by elevated expansion tanks connected to the system close to the boilers on the main returns. This will give you some pressure if the tanks are elevated ten or twelve feet and will tend to improve conditions. As I do not have the capacity of the boilers I can not advise in regard to the provision you have made for heating. L. C. C.

BOILER CAPACITY.

How many square feet of radiation will a thirty-five horse-power boiler heat, using steam. S. & B.

If your boiler is a horizontal tubular boiler, brick set, and is rated at thirty-five horse-power, it should heat about 4,000 square feet of radiation. If it is a locomotive type it should not be loaded with more than 3,000 square feet of pipe or radiation. L. C. C.

A CONTEMPLATED HOUSE.

Kindly tell me how to heat a greenhouse, walled in with cement blocks, 29x100 inside measurement, the rafters resting on the walls and no glass in the sides. Would you use cypress or iron rafters? The whole thing, including benches, will be cement, iron and glass, provided you recommend iron rafters. What horse-power boiler should I use? W. A. L.

If you use hot water you should secure a boiler rated to carry about 1,500 square feet of radiation. The piping can be arranged with 2-inch black pipe, using sixteen runs the length of the house, which can be arranged in three or four manifolds. If four manifolds of four pipes each are used one pipe in each coil should be a supply and three returns. If steam is used a 3-inch flow under the ridge, returning through sixteen 1¼-inch pipes, arranged under the benches, will be sufficient. A steam boiler with 150 square feet of heating surface exposed to the action of the fire will be large enough for this one house. With the construction you are using, if not too expensive, should use the U-bars now upon the market, otherwise I should use cypress. In a house with cement walls now under construction I am using cypress gutters and sashbars. L. C. C.

MORE PIPE NEEDED.

I have an east and west house, 21x101, sides six feet high, eleven feet to the ridge, all good and tight. I have two 2-inch overhead pipes, and four 1½-inch flows under each bench. My boiler, twelve or fourteen horse-power, is at the east end of the house and twenty feet south. Have I enough pipe to maintain 60 or 70 degrees temperature in zero weather. F. W. P.

I regret to state that from the data given it is impossible to say whether or not the house in question is sufficiently piped. It would appear that there are only eight 1½-inch pipes used under the benches. There is no statement to indicate whether steam or hot water is used, although the wording of the letter and the size of pipes mentioned would indicate steam.

If steam is used then fourteen 1½-inch pipes would furnish sufficient radiation with five pounds pressure to maintain 70 degrees during severe weather. If hot water is used two 2½-inch flow pipes should be used and eighteen 2-inch returns under the benches. L. C. C.



William E. Hielscher.

WM. E. HIELSCHER.

Detroit is the home of many enterprising and energetic young men, among whom none is more thoroughly earnest than William E. Hielscher, who is engaged in building up a manufactory of wire work. He started in business a few years ago, with almost nothing at all, and now is the possessor of a profitable and steadily increasing business, built up by strict attention to details until it gives employment to a number of wire workers.

Mr. Hielscher began his career in the employ of John Petzhoti, who was a pioneer in wire making in Detroit. About three years ago Mr. Hielscher started for himself. He is an active member of the Detroit Florists' Club and well liked by the trade. He has a modern equipment, including machinery for making loops and other small standard parts of wire frames, and besides wire designs the firm also makes iron fences, railings, signs, etc., one example of the latter being the attractive sign of the Bemb Floral Co., Detroit. Mr. Hielscher is at work on a new catalogue and it is his purpose to extend his business so that it

shall take in not only Detroit and nearby towns but the whole territory tributary to Detroit. H. S.

GLADIOLUS THE BRIDE.

In your issue of December 20 W. S. asks some one to give information about forcing Gladiolus The Bride. The following remarks will, I hope, furnish the clue to success:

The corms of this gladiolus are small and it is customary to plant them somewhat thickly, usually in flats, with three to four inches of soil, usually light, sandy loam. Treated in this manner the growths push up thickly and all goes well till March. Then we notice that the leaves begin to get yellow at the tips and whole growths turn yellow, and we further notice that every time we look at them the flats are dry. It seems almost impossible to keep them wet. Things go from bad to worse; red spider finishes the job and a few measly, sickly spikes reward us for our trouble. This has been my experience and that of many others.

Of course we blame the bulbs. I have planted them in carnation benches, one bulb only between plants, and the result has been fine, strong spikes and plenty of them; but my respect for the carnation has increased to such a degree that I would never again be guilty of such sacrilege.

I have noticed, in growing them outside, that corms planted in heavy loam do better than those in light soil, and bulbs planted in the fall are much superior to those put in during March. Try them, W. S., in eight inches of soil, rose soil, in boxes. Plant them at least three inches apart, and don't forget a little liquid manure when the spikes are forming. Plant three inches deep. When flowering is over put under the benches until the foliage is dry. By removing the top two inches of soil and renewing with rich compost you can get a large crop the second season, but don't try it a third time. The corms increase so rapidly that starvation is sure to occur.

If you want early flowers, plant in September. There is no need to put them outside like Dutch bulbs. As long as the temperature of your house does not exceed 55 degrees at night you will be all right. Don't attempt to grow them under the benches. Just as soon as the young growth appears they need the full light.

I have often thought of writing a personal letter of thanks to W. S. for his many useful suggestions and timely reminders — reminders which save me a great deal of hard thinking, and I take this opportunity of expressing my sense of gratitude. I also feel delighted at being able to impart a few small items of information to one who is never backward in distributing to his brother florists the results of his many years of study. Edw. Alex. Wallace.

Enclosed find $1 for another year's subscription to the Review, which so long as I am in the business I will never be without.—Louis H. Seaman, Danbury, Conn.

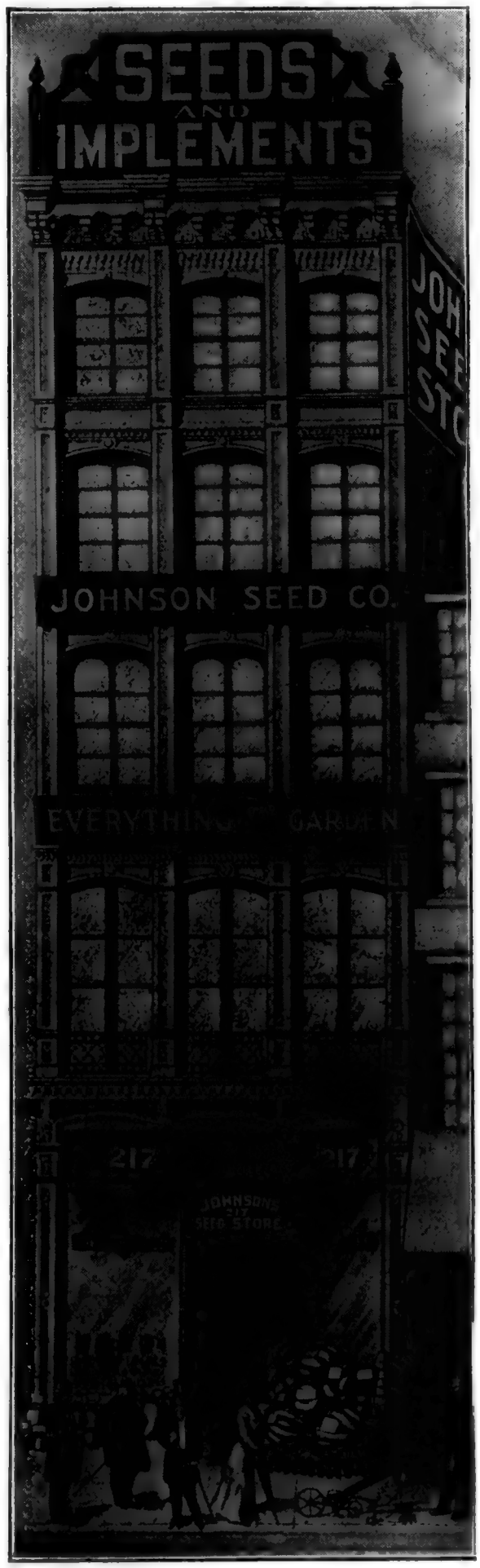
Columbia City, Ind.—Albert Wagoner has moved his greenhouse to his twenty-five-acre farm just west of the city. The new house is 21x100 and a steam heating plant with a forty horsepower boiler is being installed. He will make a specialty of carnations.

BOSTON.

The Market.

There is no special change to be noted from a week ago. On occasional days there is a brisk market, but on the whole it has been slow, with plenty of material to go around.

American Beauty continues to bring good prices, as do the best grades of Richmond or Bride, Maid and other teas. From $4 to $12 are ruling prices. Some good Killarney are seen and this rose maintains its popularity with the buying public. Wellesley is also seen, of excellent quality on long stems. Carnations are not in heavy supply and as a consequence prices have kept up well. Violets are quite abundant, single average rather more than double and bring about $1 per hundred.



Building of Johnson Seed Co., Philadelphia.

Callas are not plentiful at $1.50 a dozen. Lilium Harrisii sells at similar prices. Some good freesia sells at $3 and upwards. In bulbous stock Paper Whites and Romans are abundant. Tulips are improving, La Reine being mostly in evidence. Some double as well as single daffodils are coming in. Mignonette is good and so are anthericums; the latter, however, do not sell very well. A few white chrysanthemums still arrive, but they are getting small. There is no special change in green stock.

Massachusetts Horticultural Society.

At a meeting of the board of directors of the Massachusetts Horticultural Society, January 5, announcement was made of a legacy of $3,000 from the late Charles E. French, the income to be devoted to prizes for meritorious varieties of fruits and vegetables; also one of $5,000, the income of which will be for premiums for flowers. A committee of five was appointed to secure a list of special prizes for the November show. It was stated that several had already been secured.

Charles E. Richardson, for over fifteen years treasurer of the society, resigned and his resignation was accepted. Walter Hunnewell was appointed treasurer and William P. Rich secretary, librarian and general hall superintendent. The annual inaugural meeting of the society attracted a large number of members. General Stephen M. Weld, the newly elected president, in his address stated that the running expenses of the society continued to exceed the income and either expenses must be reduced or income increased, the latter the better remedy. The average expenses for the last four years was $22,042.32. The sums received from rentals of the hall in 1906 exceeded that of 1905 by $3,000 and this will probably be materially increased in succeeding years, as the hall becomes more and more in the center of the city.

The treasurer's report showed an excess of assets over all liabilities of $788,280. The membership of the society is 852. The reports of the chairmen of the several committees were read and adopted. It was stated that there had been some demand to have the library open evenings and on Sunday afternoons and a committee was appointed to consider and report on this matter at a succeeding meeting.

The lecture course opens January 12, with a talk from J. Woodward Manning on "The Iris and Its Culture." The remaining lectures are as follows:

January 19, "Peach Growing Possibilities in New England," by A. A. Hixon.
January 26, "The Collecting of Orchids," by John E. Lager, Summit, N. J.
February 2, "The Renovation of an Old Orchard," by Geo. T. Powell, New York.
February 9, "The Home Vegetable Garden," by John W. Duncan, Jamaica Plains.
February 16, "Certain Uses of the School Garden," by Miss Anna Withington, Boston.
February 23, "Forestry from a Commercial Standpoint," by Prof. F. W. Rave, Boston.
March 2, "Planting for Streets and Waysides," by John A. Pettigrew, Boston.
March 9, "Some Bacterial Diseases of Plants: Their Nature and Treatment," by Prof. H. H. Wetzel, Ithaca, N. Y.
March 30, "Gardens of Italy," with stereopticon illustrations, by J. K. M. L. Farquhar, Boston.

Various Notes.

The meeting of the Gardeners' and Florists' Club January 15, will be an especially attractive one. The newly elected officers will be installed and will each make addresses. J. K. M. L.



Store of Johnson Seed Co., Philadelphia, from a Photo Made one Week Before Christmas.

Farquhar will furnish one of his excellent stereopticon lectures; on this occasion "Italian Gardens" will be chiefly spoken of. There will be music and refreshments and, as it is ladies' night, an attendance of 300 is expected.

The enforcement of the new so-called blue laws is stirring up members of the trade in Boston. While it is adjudged permissible to make up funeral designs and other work of necessity on Sunday, stores must not be opened for a general transaction of business. Already several florists have been fined for attempting to do this. While the present rigid enforcement may not be continued, it will undoubtedly work hardship on many who counted Sunday one of their best days. There has been, however, too much Sunday selling and if store keepers would all confine their operations to six days and rest on the seventh they would be much better off in every way.

A. H. Fewkes and Paul E. Richwagen are among those who are just recovering from attacks of the grip.

Farquhar & Co. will distribute seeds of any novelties secured of E. H. Wilson, who has just left on his third expedition to western China, this time under the auspices of the Arnold Arboretum.

Among others who are bringing in extra fine freesia are S. J. Goddard, Tailby & Son and Frank T. White.

John J. Fee is bringing some fine tulips and narcissi.

William Patterson, of Wollaston, has good double Von Sions.

H. N. Eaton is last in the market with mums and still brings in some nice blooms.

Thomas F. Galvin will occupy the basement under the Music hall flower market as a storeroom.

J. J. Butterworth states that the call for cattleyas and other orchids is so good that his flowers are practically all sold before they open. His Cattleya Trianae are now good.

James Silman, of Waltham, will use automobiles in lieu of teams the coming spring and will dispose of all his teams.

The landscape gardening classes of the Gardeners' and Florists' Club continue to prove very popular, being largely attended each evening.

E. W. Wood, of West Newton, whose decease occurred on the closing day of 1906, was a familiar figure at Horticultural hall and had been chairman of the fruit committee for many years. His two sons, Elijah A. Wood, of West Newton, and W. K. Wood, of Chicago, are each well known to the trade and the sympathy of many horticulturists goes out to them in their bereavement.

W. N. CRAIG.

THE DEATH ROLL.

George Gunderman.

George Gunderman, landscape gardener, of Pittsburg, Pa., died January 1, aged 88 years. He is survived by one daughter, eleven grandchildren and seven great-grandchildren.

Frederick Vervaene.

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shall take in not only Detroit and nearby towns but the whole territory tributary to Detroit. H. S.

GLADIOLUS THE BRIDE.

In your issue of December 20 W. S. asks some one to give information about forcing Gladiolus The Bride. The following remarks will, I hope, furnish the clue to success:

The corms of this gladiolus are small and it is customary to plant them somewhat thickly, usually in flats, with three to four inches of soil, usually light, sandy loam. Treated in this manner the growths push up thickly and all goes well till March. Then we notice that the leaves begin to get yellow at the tips and whole growths turn yellow, and we further notice that every time we look at them the flats are dry. It seems almost impossible to keep them wet. Things go from bad to worse; red spider finishes the job and a few measly, sickly spikes reward us for our trouble. This has been my experience and that of many others.

Of course we blame the bulbs. I have planted them in carnation benches, one bulb only between plants, and the result has been fine, strong spikes and plenty of them; but my respect for the carnation has increased to such a degree that I would never again be guilty of such sacrilege.

I have noticed, in growing them outside, that corms planted in heavy loam do better than those in light soil, and bulbs planted in the fall are much superior to those put in during March. Try them, W. S., in eight inches of soil, rose soil, in boxes. Plant them at least three inches apart, and don't forget a little liquid manure when the spikes are forming. Plant three inches deep. When flowering is over put under the benches until the foliage is dry. By removing the top two inches of soil and renewing with rich compost you can get a large crop the second season, but don't try it a third time. The corms increase so rapidly that starvation is sure to occur.

If you want early flowers, plant in September. There is no need to put them outside like Dutch bulbs. As long as the temperature of your house does not exceed 55 degrees at night you will be all right. Don't attempt to grow them under the benches. Just as soon as the young growth appears they need the full light.

I have often thought of writing a personal letter of thanks to W. S. for his many useful suggestions and timely reminders — reminders which save me a great deal of hard thinking, and I take this opportunity of expressing my sense of gratitude. I also feel delighted at being able to impart a few small items of information to one who is never backward in distributing to his brother florists the results of his many years of study. Edw. Alex. Wallace.

Enclosed find $1 for another year's subscription to the Review, which so long as I am in the business I will never be without.—Louis H. Seaman, Danbury, Conn.

Columbia City, Ind.—Albert Wagoner has moved his greenhouse to his twenty-five-acre farm just west of the city. The new house is 21x100 and a steam heating plant with a forty horse-power boiler is being installed. He will make a specialty of carnations.

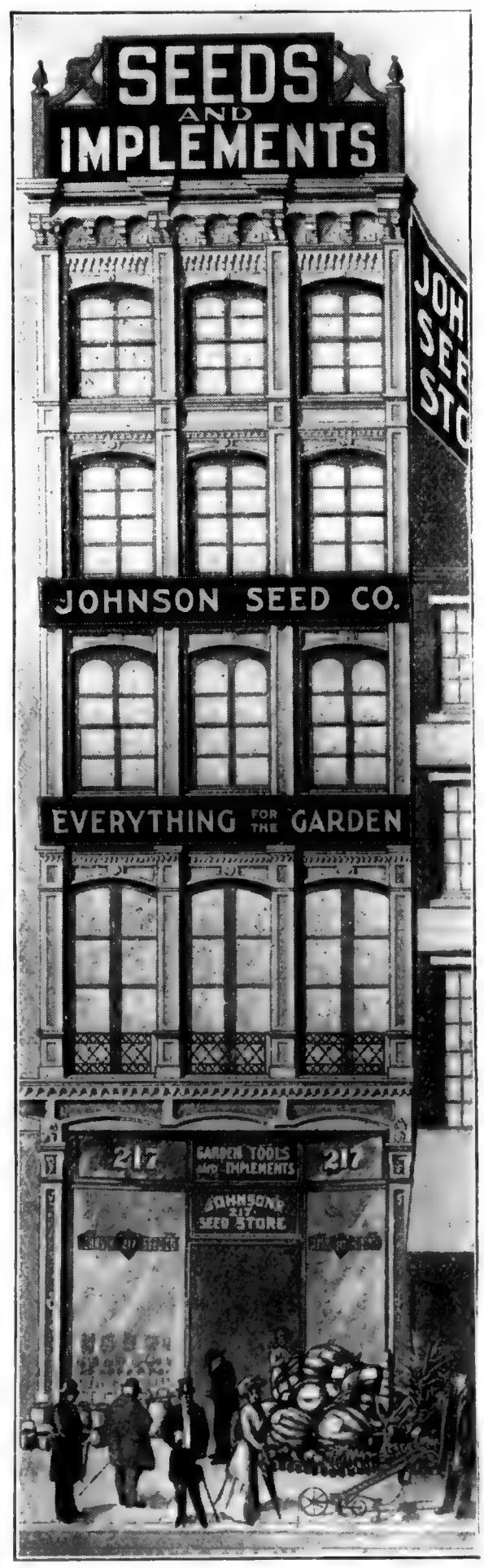
BOSTON.

The Market.

There is no special change to be noted from a week ago. On occasional days there is a brisk market, but on the whole it has been slow, with plenty of material to go around.

American Beauty continues to bring good prices, as do the best grades of Richmond or Bride, Maid and other teas. From $4 to $12 are ruling prices. Some good Killarney are seen and this rose maintains its popularity with the buying public. Wellesley is also seen, of excellent quality on long stems. Carnations are not in heavy supply and as a consequence prices have kept up well. Violets are quite abundant, single average rather more than double and bring about $1 per hundred.

Callas are not plentiful at $1.50 a dozen. Lilium Harrisii sells at similar prices. Some good freesia sells at $3 and upwards. In bulbous stock Paper Whites and Romans are abundant. Tulips are improving, La Reine being mostly in evidence. Some double as well as single daffodils are coming in. Mignonette is good and so are anthericums; the latter, however, do not sell very well. A few white chrysanthemums still arrive, but they are getting small. There is no special change in green stock.



Building of Johnson Seed Co., Philadelphia.

Massachusetts Horticultural Society.

At a meeting of the board of directors of the Massachusetts Horticultural Society, January 5, announcement was made of a legacy of $3,000 from the late Charles E. French, the income to be devoted to prizes for meritorious varieties of fruits and vegetables; also one of $5,000, the income of which will be for premiums for flowers. A committee of five was appointed to secure a list of special prizes for the November show. It was stated that several had already been secured.

Charles E. Richardson, for over fifteen years treasurer of the society, resigned and his resignation was accepted. Walter Hunnewell was appointed treasurer and William P. Rich secretary, librarian and general hall superintendent. The annual inaugural meeting of the society attracted a large number of members. General Stephen M. Weld, the newly elected president, in his address stated that the running expenses of the society continued to exceed the income and either expenses must be reduced or income increased, the latter the better remedy. The average expenses for the last four years was $22,042.32. The sums received from rentals of the hall in 1906 exceeded that of 1905 by $3,000 and this will probably be materially increased in succeeding years, as the hall becomes more and more in the center of the city.

The treasurer's report showed an excess of assets over all liabilities of $788,280. The membership of the society is 852. The reports of the chairmen of the several committees were read and adopted. It was stated that there had been some demand to have the library open evenings and on Sunday afternoons and a committee was appointed to consider and report on this matter at a succeeding meeting.

The lecture course opens January 12, with a talk from J. Woodward Manning on "The Iris and Its Culture." The remaining lectures are as follows:

January 19, "Peach Growing Possibilities in New England," by A. A. Hixon.

January 26, "The Collecting of Orchids," by John E. Lager, Summit, N. J.

February 2, "The Renovation of an Old Orchard," by Geo. T. Powell, New York.

February 9, "The Home Vegetable Garden," by John W. Duncan, Jamaica Plains.

February 16, "Certain Uses of the School Garden," by Miss Anna Withington, Boston.

February 23, "Forestry from a Commercial Standpoint," by Prof. F. W. Rane, Boston.

March 2, "Planting for Streets and Waysides," by John A. Pettigrew, Boston.

March 9, "Some Bacterial Diseases of Plants: Their Nature and Treatment," by Prof. H. H. Wetzel, Ithaca, N. Y.

March 30, "Gardens of Italy," with stereopticon illustrations, by J. K. M. L. Farquhar, Boston.

Various Notes.

The meeting of the Gardeners' and Florists' Club January 15, will be an especially attractive one. The newly elected officers will be installed and will each make addresses. J. K. M. L.



Store of Johnson Seed Co., Philadelphia, from a Photo Made one Week Before Christmas.

Farquhar will furnish one of his excellent stereopticon lectures; on this occasion "Italian Gardens" will be chiefly spoken of. There will be music and refreshments and, as it is ladies' night, an attendance of 300 is expected.

The enforcement of the new so-called blue laws is stirring up members of the trade in Boston. While it is adjudged permissible to make up funeral designs and other work of necessity on Sunday, stores must not be opened for a general transaction of business. Already several florists have been fined for attempting to do this. While the present rigid enforcement may not be continued, it will undoubtedly work hardship on many who counted Sunday one of their best days. There has been, however, too much Sunday selling and if store keepers would all confine their operations to six days and rest on the seventh they would be much better off in every way.

A. H. Fewkes and Paul E. Richwagen are among those who are just recovering from attacks of the grip.

Farquhar & Co. will distribute seeds of any novelties secured of E. H. Wilson, who has just left on his third expedition to western China, this time under the auspices of the Arnold Arboretum.

Among others who are bringing in extra fine freesia are S. J. Goddard, Tailby & Son and Frank T. White.

John J. Fee is bringing some fine tulips and narcissi.

William Patterson, of Wollaston, has good double Von Sions.

H. N. Eaton is last in the market with mums and still brings in some nice blooms.

Thomas F. Galvin will occupy the basement under the Music hall flower market as a storeroom.

J. J. Butterworth states that the call for cattleyas and other orchids is so good that his flowers are practically all sold before they open. His Cattleya Trianae are now good.

James Silman, of Waltham, will use automobiles in lieu of teams the coming spring and will dispose of all his teams.

The landscape gardening classes of the Gardeners' and Florists' Club continue to prove very popular, being largely attended each evening.

E. W. Wood, of West Newton, whose decease occurred on the closing day of 1906, was a familiar figure at Horticultural hall and had been chairman of the fruit committee for many years. His two sons, Elijah A. Wood, of West Newton, and W. K. Wood, of Chicago, are each well known to the trade and the sympathy of many horticulturists goes out to them in their bereavement.

W. N. CRAIG.

THE DEATH ROLL.

George Gunderman.

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The Weekly Florists' Review

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by Monday or Tuesday morning at latest, instead of Wednesday morning, as many have done in the past.

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A French firm bought orchids from a Belgian grower, making selection from a number of colored plates. When the plants bloomed they did not come up to the promise of the pictures. Now, after two and a half years of litigation the buyer has secured his money back, with costs.

There is a heavy demand for stock for fern dishes and prospect for a shortage before spring.

Shippers will find it worth while to send a postal-card to the United States Department of Agriculture, Washington, D. C., for a copy of Circular No. 47, "Strength of Packing Boxes of Various Woods."

A. F. Faulkner, who wrote the Review's Washington, D. C., news letter in 1906, having removed from that city, the Review would like to hear from some young man who has "a nose for news" to take up the work.

The Review is in receipt of several letters endorsing the sentiments expressed in Mr. Skidelsky's paper on credits published last week, especially that part relating to the desirability of the trade honoring drafts and answering communications regarding overdue accounts.

THE READERS' CORNER.

Using Tobacco Stems.

I think it will interest the readers of the Review to know my way of fumigating with tobacco stems. I have small V-shaped iron troughs, with 4-inch sides, and two feet long. I put fresh stems in the sun or over the boiler to dry and then chop them up quite fine with a spade, or a small feed cutter, which is better, as they do not have to be so dry. I then fill the troughs rounding full and set on fire, opening a small place at one end and pouring in a little kerosene oil to start them.

The stems in the troughs will burn ten or twelve hours and kill every greenfly in the house. I can use it with roses, chrysanthemums and carnations in full bloom and not hurt or bleach a bloom in the least. You cannot see the smoke at all, but it is strong enough, with the long duration.

I use three troughs to a house 18x100. It takes a little practice to get the stems just right, but when learned it is easily done and I think it is just as good and much cheaper than the different preparations for the same purpose.

Wm. B. Lovell.

The Editor is pleased when a Reader presents his ideas on any subject treated

The Weekly Florists' Review

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

The Real Violet Grower.

Please be so kind as to spare room for these few words with reference to the "violet men up the state," as was printed in the Review of December 27. Of course there are quite a few of us up here, as well as there are wholesale and retail dealers in the city of New York, and to get horns crossed would make quite a mix-up. But it certainly is laughable when one reads in our good paper, the Review, how every violet grower is an aristocrat and even the beginners with their two or three 100-foot houses put by enough money in the winter to take a trip to Europe and build another house or two for the next season.

Make a canvass around the majority of our beginners for five years back and see if they are enjoying their summers in Europe, or working at home instead. If we don't keep our eyes wide open we will not have profit enough to build extra houses. We don't dispute the fact that we do build houses, but how many in our county have their places mortgaged to the chimney-tops? And the only way we go to Europe is to take a run down the Hudson to the brickyards to buy bricks to rebuild, as houses don't last forever.

There are two sides to this question of violet culture. One is the wealth found in books and the other is wealth from hard, tedious work and constant watchfulness, and money coming in only half the year to cover the expense of the whole year. In July and August, when the sun is quite warm, you can come around and catch the violet growers working to beat Paddy's pig, making the plants grow. So don't put the credit in the wrong place. Alex A. Laub.

An Appreciative Grower.

It won't hurt you to know that the Review is the most appreciated publication that comes to my place, and I think that one article alone, "The Craft and the Craftsman," is worth much more than the price of the paper for one year.

Can you name a white carnation that is as good in size of flower and stiffness of stem as Enchantress? My Lieut. Peary and Wolcott have weak stems and small flowers, some shrivel up before they are quite open. Robert Craig is a perfect red in size, stem and color, but not so prolific as Victory and Haines. Harry Fenn is the most perfect crimson in every way. The four different Lawsons don't do so well; there are too many burst ones. Mrs. Patten is much better than Variegated Lawson, and Glendale is perfect in that color. The cloudy, wet weather retarded the blooming of carnations the last three weeks and kept me from supplying the demand, even at double the usual price. A. Woerner.

SOCIETY OF AMERICAN FLORISTS

Ladies' Auxiliary.

The Ladies' S. A. F. pins have been received and will be forwarded to all members as soon as the secretary returns from North Carolina, where she has been called by sickness.

Mrs. C. H. Maynard, Sec'y.

If You Want Good Stock

FROM A LARGE SUPPLY

Send Today's Order TO AMLING

We have plenty of stock—all grades, including the kind the most critical will approve.

Carnations are especially good—the best large lot to be found in the west.

Beauties and Roses are both abundant and fine. Try them today.

Long, Heavy Strings of Asparagus and Smilax

VIOLETS AND VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

		Per doz.
AMERICAN BEAUTIES		
Stems, 30 to 36 inches		$5.00 to $6.00
Stems, 20 to 24 inches		3.00 to 4.00
Stems, 12 to 16 inches		1.50 to 2.00
Seconds		.75 to 1.00
Bridesmaid	per 100,	4.00 to 12.00
Bride	"	4.00 to 12.00
Chatenay	"	4.00 to 12.00
Golden Gate	"	4.00 to 12.00
Richmond and Liberty	"	6.00 to 15.00
Carnations, select	"	2.00 to 3.00
" large and fancy	"	4.00 to 5.00
Miscellaneous Stock		
Violets, N. Y. double	"	1.00
" single	"	.75 to 1.00
Valley, select	"	2.00 to 4.00
Callas	per doz.	1.50 to 2.00
Harrisii	"	2.00 to 2.50
Mignonette	"	.50 to .75
Stevia	per 100,	1.50 to 2.00
Sweet Peas	"	1.00 to 1.50
Romans	"	3.00
Paper Whites	"	3.00
Bouvardia	"	2.00 to 6.00
Jonquils	"	4.00 to 5.00
Tulips	"	4.00 to 5.00
Green Goods		
Asparagus Plumosus, per string		.35 to .50
" " per bunch		.35 to .75
" Sprengeri	per 100,	2.00 to 5.00
Adiantum	"	1.00

Smilax, per 100, $15.00....per doz. 2.00
Ferns, per 1000, $2.50; per 100, 25c.
Leucothoe Sprays, per 1000, $6.00; per 100, 75c
Galax, green and bronze, per 1000, $1.00
" " " " per case, 10,000, $9.00
Boxwood.....35c per bunch; $7.50 per case

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. **Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic** **Chicago, Ill.**

Mention The Review when you write.

CHICAGO.

The Great Central Market.

There was excellent business the latter half of last week and no word of complaint was heard, except from buyers who thought prices were unseasonably high. Both city and shipping demand was good, although some of the retailers say they did not do so much business in the first week of January as they did a year ago. There was some superb stock in the market, of both roses and carnations; surprisingly good when one considers the weeks without sun. Roses held their values better than did any other item. There are plenty of Beauty and some remarkably fine Bride and Maid, also Richmond and Killarney. These held up to 20 and 25 cents per hundred last week.

This week opened with two days of rain, which naturally had its effect on the trade. Supplies are large and consequently prices have weakened materially, but it will require only a couple of days of seasonable weather, clear and cold, to tone up the market and put prices back where they were. The best roses have not lost much in value and even the shortest bring more money than at this time last year. Carnations are of superlative quality with many growers and the fancy stock fetches good money. There is a large demand for funeral work, the health department reporting a higher death rate than at any time in ten years, and it has provided an outlet for the white carnations, which have been slow sale since crops increased.

The bottom has fallen out of the violet market, at least temporarily. For this week not very heavy receipts are ample to meet the needs of the trade and leave some to be jobbed off when stale. Harrisii and callas are more abundant. There are now considerable numbers of tulips, but with many growers the stems are so short that they are sending in bulb and all, and one grower on Monday shipped his stock, flats and all, in which way it sold well. There are increased supplies of sweet peas. Poinsettias still are seen and sell slowly.

It is reported that bunched greens are becoming scarce, but there continue to be abundant supplies of fine strings of asparagus and smilax.

The turn in the weather came Wednesday, after the above market report was in type. It is cold and clear. The result doubtless will be to shorten stock for a couple of days, after which the plants will catch their winter stride and cuts will be both larger and of better quality. Good weather also will stimulate the demand.

Indications of Progress.

One of the things entailed by advertising and a large business is a large correspondence, and prompt answers to all business letters, and a large correspondence necessitates the use of a typewriter. As an indication of the fact that most of the wholesale florists are doing a large business is the fact that a large proportion of the houses now send out their letters typewritten. George Reinberg is the latest to install a machine and operator. Some of the houses which have no machines have arrangements with a public stenographer to come in every afternoon, take the dictation and transcribe the letters in the stenographer's own office, delivering them ready for signature before evening. It is a very convenient way.

Why Crops Were Late.

Why Christmas rose crops were not as great as growers, and buyers, would have liked is shown by the records of the weather bureau. In December there were only three clear days, eight on which the sun shone a little while, and twenty cloudy days. At the same time it rained on eleven days, a total precipitation of 2.46 inches, or more than in any December in eleven years.

Taking the whole year, 1906, there were only 102 clear days, 128 partly cloudy and 135 on which there was no sun.

Club Doings.

The Chicago Florists' Club gives every promise of renewed activity under the leadership of H. N. Bruns. At the meeting tonight he will announce his committees. The Toronto convention of the American Carnation Society, January 22 to 24, will be up for discussion. Mr. Bruns has informally announced that P. J. Hauswirth will be chairman of the club's transportation committee, so that an early report on Toronto may be forthcoming. Plans will be discussed for a club carnation show in February.

Various Notes.

Otto Benthey, the grower for the Benthey-Coatsworth Co., at New Castle, who has had such excellent results with Killarney, says that he gives Killarney no special treatment and that anyone can grow it who grows good Brides and

CARNATIONS
BEAUTIES ROSES

BIG CROPS AND SPLENDID QUALITY

ALSO EVERYTHING ELSE THE MARKET AFFORDS

Prompt attention to all orders, large or small, for fancy or for short

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Over 40-inch, select	$8.00
36-inch, select	6.00
30-inch, select	5.00
24-inch, select	4.00
20-inch, select	3.00
18-inch, select	2.50
15-inch, select	2.00
12-inch, select	1.50
Short stem, select	$0.75 to 1.00

ROSES	Per 100
Maid, Bride, Chatenay, select	$12.00
" " " first	10.00
" " " medium	$6.00 to 8.00
Richmond, Killarney, select	25.00
" " first	18.00 to 20.00
Richmond, Killarney, medium	$12.00 to $15.00
Sunrise, Perle, Gate, select	10.00
" " " first	6.00 to 8.00
Short stem Roses, good	4.00

Special long stem roses charged accordingly.

CARNATIONS	Per 100
Extra fancy Enchantress, Prosperity, Red, Lawson and White	6.00
First quality	$4.00 to 5.00
Split and short stems	2.00 to 3.00
Harrisii	20.00
Tulips, Proserpine	5.00
Narcissus	3.00
Daffodils	5.00

	Per 100
Romans	$3.00
Valley	4.00
Violets	1.00
Mignonette, large spikes	$6.00 to 8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, fancy Croweanum	2.00
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings	each .50 to .60
Ferns	per 1000 2.50
Galax	per 1000 1.50
Leucothoe	1.00
Chrysanthemum Merry Xmas, per doz	2.00 to 3.00

Subject to change without notice.

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

Mention The Review when you write.

Maids. He gives it exactly the same treatment as his Brides and Maids.

C. L. Washburn has returned from a week's rest at West Baden, Ind. His son, E. L. Washburn, has resumed his studies at Madison.

Louis Gresenz, of Bassett & Washburn, has been ill this week.

Wm. Fluegge, the Morton Grove carnation grower, was in town Monday and said that he had just visited E. H. Blameuser, at Niles Center, and that the latter's house of Rose-pink Enchantress is a sight to delight any grower's eye. It is the sport which originated with Mr. Blameuser, not the Detroit one several are growing.

Poehlmann Bros. Co. will have chrysanthemums for another week, probably a later date than chrysanthemums ever before have been offered in this market.

Be it recorded that Frank Williams paid 20 cents each for Maids January 5. Twelve were enough.

Tim Waters has left the Central Floral Co. to become general utility man for Vaughan & Sperry, who have in him a man capable of turning his hand to any detail of the flower business. Mr. Waters had years of experience in the wholesale business at Boston and is up to date in the retail business. He will spend a portion of his time on the road.

C. W. McKellar has been showing a nice lot of Calanthe Veitchii and says the leading stores are using it with splendid effect in dinner-table decorations.

Joe Beaver is no longer with Lubliner & Trinz.

Matt Evert is preparing to go quite largely into rooted cuttings for spring, carnations and especially chrysanthemums.

W. N. Rudd is growing practically none of the standard varieties of carnations and his stock as seen at Winterson's is superb. He has a light pink seedling that will likely be put on the market and also a white that will be heard from in due course.

It appears that Chicago's delegation to the Carnation Society's convention will be of pretty good size. Among those who will go will be August Poehlmann, P. J. Hauswirth, Mr. and Mrs. Leonard Kill, L. Coatsworth, W. N. Rudd, representatives of the Joliet companies, and others.

The Flower Growers' Co. held its annual meeting January 3. Officers were reëlected as follows: President, Emil Buettner; vice-president, Walter Tonner; treasurer, F. R. Hills; secretary, Alex. Henderson; manager, Percy Jones. The utmost satisfaction was expressed with the business of last year.

E. C. Amling's place is being repainted throughout. Mr. Amling says the business of 1906 not only was his best record but ahead of his most sanguine expectations. He sees no reason why 1907 should not show continued progress, but says he will have no word of fault to find if it is only as good as 1906.

One of the week's visitors was Wilfrid Wheeler, of Concord, Mass.

Bert Budlong says it is noteworthy the general high quality of roses in view of the almost total absence of sun for two months. He says the J. A. Budlong crop missed Christmas by about two weeks and is now heavy. The quality is fine. Phil Schupp, manager of the store, reports prices last week averaging about a cent above those of the same week last year, and that, with the heavy crop, speaks well for the general state of trade.

C. M. Dickinson, at E. H. Hunt's, where they handle large quantities of insecticides, especially To-bak-ine products, says it is noticeable that practically all growers are now using the liquid form of nicotine to the practical exclusion of all other fumigants.

The new pink rose, Joe Hill, as seen at the establishment of Wietor Bros., is a fine thing. They will plant it in much larger quantity next season.

The George Wittbold Co. reports a splendid sale on small ferns for fern dishes. They had an enormous stock at the opening of the season, but are now well cleaned out, long before the demand will cease.

The A. L. Randall Co. reports the December business most satisfactory and January starting off ahead of last year. This is for cut flowers. The supply department is not yet old enough to afford any comparisons, the stock being only now complete.

Darby, a well-known character in the market, is in the county hospital as a result of a street car accident. He was badly hurt.

A big rose garden is to be planted at Humboldt Park.

Thomas McAllister is now with the Fleischman Floral Co., at the North State street store.

H. N. Bruns has 795 cases of valley pips in cold storage, so it does not look as though there would be any scarcity

White Lilacs Ready January 20

OUR AMBITION

IS THAT ALL THE TRADE FROM THE ALLEGHENIES TO THE PACIFIC SHALL KNOW THE

A. L. RANDALL CO.

AS THE BEST SOURCE OF SUPPLY FOR ALL NEEDS IN

CUT FLOWERS AND SUPPLIES

Our house long has been known as carrying at all times a **complete line** of seasonable cut flowers, and in largest supply. We have, and shall aim to hold, the patronage of a goodly part of the cut flower buyers. Now, what we want is to have these same buyers, and all others, realize that in

FLORISTS' SUPPLIES

our stock also is **complete.** The Supply Department has been in operation just a year—has done a very gratifying business—but it is only now we are able to say we have attained our ambition and have a **complete** stock.

WE WANT YOUR ORDER FOR

Aprons, rubber
Albums
Baskets, largest line west, our own importation
Birch-Bark Ware
Boxes—Folding, all kinds
Cane Stakes
Cape Flowers
Carnation Bands
Cemetery Vases
Chenille
Chiffon
Clock Dials
Coal, wagon
Cords
Cotton Wadding
Cotton Twine
Crepe Paper
Cycas Leaves
Doves
Fertilizers, all kinds
Fibre Ware, all kinds
Foil, all kinds
Glassware, a full line
Glazing Materials
Greenhouse Paint
Green Moss Wreaths
Green Sheet Moss
Hose and all Materials
Heaters, wagon
Hampers, all kinds
Insecticides, 19 kinds in stock
Immortelles
Immortelle Wreaths
Immortelle Letters
Knives
Kinney Pumps
Letters and Lettering
Mats
Match Sticks
Mosses, all kinds
Novelties
Pins
Paper Cutters
Plant Tubs
Plant Stands
Porto Rican Mats
Pots
Pot Covers
Pot Hangers
Pot Labels
Pottery Ware
Pruners
Putty and Bulbs
Raffia
Rattan
Ribbons
Rubber Hose
Rubber Bands
Saucers, fibre
Scollay Sprinklers
Shears
Sheaves
Silkaline
Sprinklers
Sulphur Blowers
Silk Ribbon
Spool Ribbon
Statice
Thermometers
Thread
Tin Foil
Tree Labels
Toothpicks
Tweezers
Twine
Twine Holders
Tissue Paper
Vases, a large assortment
Violet Cords
Waterproof Crepe Papers
Wax Paper
Wheat Sheaves
Wrapping Paper
Wire, Cut, in boxes, annealed
Wire, in stones, annealed
Wired Toothpicks
Wire Designs. best made
Wreaths, all kinds

Send us an order today. You will find **all your needs** illustrated and priced in our New Catalogue. If you haven't it hung on a nail beside your desk, a postal card will bring it to hang there.

A. L. RANDALL CO.

19-21 Randolph St., CHICAGO

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality.

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 6.00
Valley	"	3.00 to 5.00
Violets	"	1.00 to 1.50
Peas	"	1.50
Romans	"	2.00 to 3.00
Paper White	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

Mention The Review when you write.

of lily of the valley next summer or autumn. He says the pips look to be the best he ever handled.

C. Carlson, the aster grower at Throop and One Hundred and Fifth street, is entertaining a daughter whom he never had seen before.

Irving Gingrich, of South Bend, Ind., was a visitor last week.

The annual meeting of the Horticultural Society of Chicago was held Tuesday afternoon and adjourned for one week, when the election of officers will be held.

PORTLAND, ME.

The Holiday Trade.

The holiday trade was the best ever known in this locality. Prices were better on cut flowers, but the supply was inadequate. Carnations, as usual, were in greatest demand, one florist reporting that he could have sold 2,000 more at retail. Enchantress, Robert Craig, and Victory brought best prices.

Various Notes.

J. W. Minnott & Son are cutting extra fine Enchantress in their new carnation house.

A. W. Dyer, proprietor of the Flower Box, had a fine show of Christmas novelties.

J. J. Boyle, of the Portland Floral Co., has purchased the store formerly occupied by Mr. Ward, on Congress street.

J. O. Elwell, of Kennebunk, has recently erected a large Lord & Burnham house to meet the demands of his growing business. It will be largely devoted to bedding plants.

G. L. Mahoney & Co., of Saco, purpose to erect a modern carnation house in the spring.

Dennett reports the best season since the store opened. Evergreen roping was scarce and several good orders were refused for lack of material.

We wish to thank you for the business

THE WEEKLY FLORISTS' REVIEW

has brought us the past year; it's a record, too.

KROESCHELL BROS. CO.

Chicago,
January 2, 1907.

THE REVIEW is the florists' best paper. —L. J. BROSEMER, Oswego, N. Y.

ST. LOUIS.

The Market.

Trade has been fairly active during the last week and since the Christmas holidays it may be classed as good. New Year's trade was surprising to some of the florists, who say they were kept busy New Year's eve preparing orders for early morning delivery.

This week will be a busy one in society, with weddings, dinners, and two large balls. One is the Imperial, the society event of the season, of which Youngs have the decorations; the other event should keep the west end trade busy supplying extra fancy stock, which this trade demands. The downtown florists also have a good word for business since the holidays.

In looking over the stock at the different wholesale houses you find roses quite plentiful, with the bulk of them of poor quality. Extra fancy Beauties are somewhat scarce. The medium grades are mostly deformed blooms. Prices on all grades are down.

Carnations are keeping up well in quality and supply. Some fine Enchantress come in. Lawson does not seem so good this season. Whites are always in demand. Prices are not so high as last week.

Violets hung around the $1 mark until Saturday, when the market became flooded with Californias and the price dropped to 50 cents per hundred. A drop from this price is looked for this week.

Romans and Paper Whites are, as usual, at this season of the year, plenty

Get Your Money Back

At the approach of Spring months it will be seasonable for Bulb talk.

Just now it is poor policy to buy Bulbs when you do not know the flowering and market results of your sales as obtained from your former orders.

Just now keen competition among Bulb Solicitors, will follow this advertisement, offering low prices but do not offer improvements in the quality of Bulb results. Present Bulb crop conditions are too early and still unsettled, besides there are no established market prices.

Bulbs ordered now for Fall Delivery cannot be planted until next Fall anyway.

A copy of your last year's order may be instructive to some extent **but will not** guide you entirely until **you know** what you accomplished **at a profit** from them.

DON'T BUY NOW until you do know what you should do and **then** write us. **We desire a list** of your requirements **when you know what you really do want for 1907-08.** We combine every advantage offered by competing dealers and our Bulb Book gives you an adequate idea of what we do and what you may do. Get your money's worth.

(Continued.)

POLLWORTH MILWAUKEE

Importers and Growers of

HIGH-GRADE BULBS

Exclusive Wholesale Dealers to the Trade.

WESTERN LEADERS.

Hints on Forcing Bulbs from practical experience, Free. 200,000 square feet of modern glass.



A BUNCH OF LA REINE TULIPS.

It Pays to Grow the Best. We Grow What we Sell.

Mention The Review when you write.

for all demands. Lily of the valley is not so good of late, calla lilies not so many. There are plenty of fine greens in the market.

Various Notes.

Frank A. Weber, of H. G. Weber & Son's nursery, left the last week for an extended trip east on business.

D. Augspurger, of D. U. Augspurger & Sons, of Peoria, Ill., spent a day here last week.

The Ellison Floral Co. has quite a number of fashionable decorations for balls, weddings and dinners booked for this month.

The Michel Plant & Bulb Co., on Maryland avenue, under the management of Charles Connon, reports an excellent trade since New Year's.

A. J. Bentzen, of the Bentzen Floral Co., did a great plant business during the holidays and says business has kept up since.

M. J. Kern, one of our oldest landscape gardeners, has returned to the city for a few months' stay. He is a regular visitor at the Park View nursery, where he found William Bouche is head landscape artist.

Carew Sanders, one of our oldest florists, has recovered from his recent sickness, which is good news among the trade. Mr. Sanders is a cousin to the much beloved Edgar Sanders of Chicago.

Henry Ostertag, of Ostertag Bros., has been kept busy since January 1 with decorations for fashionable events.

Report has it, that William Adles, formerly with Mrs. M. M. Ayers on Grand avenue, is now located in Chicago.

Himmer Bros., of Meramec Highlands, are in the market with thousands of extra fine California violets.

Heller Bros., of New Castle, Ind., are regular shippers to this market, at Angermueller's, which helped the trade out greatly during the holidays.

L. Baumann, of Chicago, is in town this week.

James North & Co., who ran an office at Thirteenth and Pine, selling designs to the shipping trade, will this week open a retail store at Van der Venter and Frimey avenues.

W. C. Smith & Co. received a large shipment of wild smilax last week, which will come in handy for some of those large decorations for this week.

F. W. Ude and William Winter, of Kirkwood, and James Dunford, of Clayton, are sending in extra quality of stock to H. G. Berning, for which demand is good.

At C. A. Kuehn's, Weber & Sons' and Ammann's roses are in demand. The carnations from H. Baer's, Peoria, and Peterson's, Gibson City, Ill., are of fine quality. All of our wholesalers say a great glut of violets will be on this week, if the fine weather keeps up.

W. C. Young, who was the St. Louis Florists' Club's choice for state vice-president at Dayton, reports that he is preparing plans, this early, for an enjoyable trip to Philadelphia for the club members. He is also on the right side of the railroads for a low rate.

J. J. B.

MILWAUKEE.

The Market.

Continuous dark weather is keeping the supply down and what little stock is coming in moves quickly at good figures. Roses are scarce and current prices are almost equal to holiday prices. Carnations dropped a little, especially on colored stock. Plenty of funeral work keeps white stock cleaned up. Violets are plentiful and good stock can be had at $1 per hundred. Romans, valley and

Laelia Anceps Alba

Very Fine Stock
With Long Stems

POINSETTIAS, very fine, in quantity.

AMERICAN BEAUTIES—We have the largest and finest stock of this rose in Philadelphia.

CATTLEYAS—A splendid stock in fine condition.

SINGLE TRUMPETS in quantity. **WHITE LILAC,** choice, $1.00 per bunch.

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

Paper Whites keep moving at $3 per hundred. Some early French Trumpet Majors are in and $3 per hundred is the average price. Stevia is getting scarce and the price has advanced. Plenty of good smilax and other green goods are on the market.

Various Notes.

August Manke is now coming to town in a brand new wagon hooked up to a fine team of horses. It was built to order, light, roomy and strong and is well adapted for his daily eight-mile drives to the city.

N. Zweifel will attend the carnation convention at Toronto.

P. J. Hauswirth, E. Winterson and George Asmus paid us a New Year's call.

PHILADELPHIA.

The Rising Eastern Market.

The first week of January, 1907, has been marked by extraordinary climatic conditions, the weather sometimes damp and cloudy, at other times clear and sunny, resembling spring far more than midwinter. These conditions, immediately succeeding the activity of the holidays, has caused a depression in the cut flower market. There has not been the snap to business that might reasonably be expected with the amount of entertaining now in progress incident to the short season. Some of the stock coming in town has suffered seriously, owing, probably, to the extra heat to which the plants have been subjected before the unlooked-for warm spell. Violets have felt the unfavorable conditions more, perhaps, than any other flowers. Beauties have shortened considerably. There s evidence that a sharp cold spell would decimate the cut now coming into the city. Tea roses have suffered from the warm weather, their color and texture not being up to standard. Carnations have fallen a little in price. They are fairly plentiful and some magnificent flowers are seen. The additions to the list are Trumpet Major, which can now be had in quantity; freesia, Campernelles, and white lilac; the last named can be had in quantity from now on, until the close of the social season. A noticeable feature in the market conditions is the increase in the quantity of gardenias. They are now very fine and plentiful. The demand for greens has received an impetus from the decorators, who are using strings of smilax and asparagus in quantity.

TO THE TRADE!

We desire to call your attention to the

SPLENDID QUALITY of STOCK

Now being received by us. We are heavily on crop with **Bride, Bridesmaid and Richmond Roses of unsurpassed quality.** The same can be said of **Carnations,** as our **Enchantress, Lawson, Cardinal, Mrs. Nelson, Lady Bountiful and Boston Market** are the finest to be had on this market. Also an abundant supply of all other stock of good quality.

We are in a possition **to fill your orders completely.** Why send elsewhere to learn latter that you were not furnished with what you had ordered? Therefore, if you wish to avoid disappointments and want your orders filled satisfactorily, send them to us and you will be more than pleased that you did so.

J.A.BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

A Coming Fern.

The plant market of the world, and more especially of this country, is never so crowded with good stock that there is not room at the top for really meritorious novelties. When the Boston fern was introduced, no one would have believed that so many good varieties, springing from this popular favorite, would be found and accepted in so short a time. Yet five successors have each in its turn been welcomed as having some distinct advantage over the parent variety. It remains for the present year to see the introduction of another sport from the nephrolepis family that bids fair to easily eclipse all the older varieties.

Through the courtesy of Wm. P. Craig, Phil was invited to see Nephrolepis Amerpohlii growing in a house on the Robt. Craig Co.'s place at Forty-ninth and Market streets. This beautiful fern seems destined to play a most important part, both as a plant and as a green for cutting. The fronds are large, full, and are exquisite as a piece of lace, the under side being almost as beautiful as the upper. Mr. Craig has been fortunate in securing one-half the stock of this promising novelty, whica

SWEET PEAS

PINK AND WHITE
$1.00 and $1.50 per 100

Gardenias $6.00 per doz. SPECIAL PRICES IN QUANTITY. **White Violets** $2.00 per 100

White Lilacs, $1.00 per bunch.

We have an exceptionally fine stock of WELL ROOTED CARNATION CUTTINGS from the best growers, as follows: **ENCHANTRESS, LAWSON, WHITE LAWSON, ROBT. CRAIG, $4.00** per 100; **$32.50** per 1000. These will be ready for delivery in January, February and March.

CARDINAL, HAINES, FLAMINGO, VICTORY, $4.00 per 100. Ready for delivery about March 15.

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

THE Florists' Supply House of America

January Suggestions

BASKETS—We have an endless variety of staple and fancy baskets invaluable for artistic arrangement of both short and long stemmed flowers.

SCREENS—Easily adjusted. Two styles. An elaborate affair for your big decorations and a cheap screen for small rooms or entries.

CHOICE BOXES—For Violets or Lilies of the Valley with the flower on cover.

WATERPROOF CREPE PAPER PLANT MATS

Our Easter Goods Are Now Arriving
Our Catalogue is Free

H. BAYERSDORFER CO.

Remember Our Number is 1129 Arch Street, PHILADELPHIA

Mention The Review when you write.

he will distribute next fall. The experience gained in growing Boston ferns some years ago is being turned to good account in the soil used for the new variety, the sturdy and rapid growth of the plants bearing evidence to their enjoyment of the surroundings.

It may be that the readers of this column will think that Phil's opinion on a novelty may not be worth having. To such readers, it will be pertinent to give a few of the many expressions of praise heard from the recognized leaders of our profession. When Mr. Craig showed some fronds to H. H. Battles, Mr. Battles at once said: "It's an exquisite thing. It will be used with Farleyense." When John Scott, of Brooklyn, saw the plants growing, he said: "It is the best one yet." When James T. Clark, the fern expert, of Henry A. Dreer Co., had examined the house full of plants, he said: "It is far superior to the other one." Which comparison is understood to be with another coming debutante. So you see, here are some opinions really worth having.

The First Assembly.

There were two features of the first Assembly ball held in the Bellevue-Stratford ballroom on Friday evening, January 4, that are worthy of comment. The first was the really magnificent decoration, arranged by J. J. Habermehl's Sons, in which pyramid azaleas were the flowering plant feature of the stage decoration; crimson on one side, white on the other. An expert who has traveled miles to see decorations of note, says of this one, that it was the finest he ever saw. Another feature was the return to the old-fashioned bouquet of our grandmothers, as planned by H. H. Battles and carried out with the assistance of M. Rice, who procured delicate lace bouquet-holders of white and soft shades of pink and blue which were used for finishing what are now considered small and closely packed bunches of tiny buds, or other flowers selected, where possible, to match the gowns of the fair ones carrying them. While these bouquets were not as numerous at this assembly as were the large bouquets some years ago, their advent marked an increase in the popularity of bouquets.

Various Notes.

The statement contained in this column last week that the Florex Gardens will plant over 30,000 Beauties in one house next season created quite a sensation among the Beauty growers who supply this market. It could not be learned that any one of them had become discouraged enough to grow anything else. But they were much surprised and interested, as few if any of them have more American Beauty plants in their entire establishments.

The Peninsula Horticultural Society held a banner meeting at Dover, Del., January 2. The special features arranged were "Home Surrounding and Town Improvement," by J. Otto Thilow, secretary of the Henry A. Dreer Co., and "Plants for Home Adornment and Their Care," by Edwin Lonsdale, superintendent of the horticultural department in Girard College.

John E. Haines, of South Bethlehem, Pa., will read a paper on "My Experience with Carnations," before the Florists' Club at its February meeting. Edward A. Stroud, of Strafford, Pa., will review the Toronto convention.

S. J. Reuter, of Westerly, R. I., spent several days in this city last week with his son, L. J. Reuter, who has been producing some fine stock on the old Bunting place, at Fifty-eighth and Gibson streets. Mr. Reuter, Sr., visited a number of the principal growers while here.

Victor Grosshans, for many years manager of Hugh Graham's place at Logan, has resigned his position. It is understood that he will start in business for himself.

H. Bayersdorfer & Co. received on Monday thirty-six cases of moss wreaths that should have reached them near-

VIOLETS.....

Best Hudson River stock.
Largest Supply in this market.

CARNATIONS

Large Cuts now on
Let us quote on special lots.

ROSES.....

Teas are fine and plentiful.
Beauties in good supply.

ALL OTHER STOCK IN SEASON.

VAUGHAN & SPERRY,

58-60 Wabash Ave., CHICAGO.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	Per 100
Bride and Maid	$4.00 to $10.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	4.00 to 10.00
Chatenay	4.00 to 10.00
Killarney	8.00 to 15.00
Roses, our selection	4.00
CARNATIONS	2.00 to 3.00
" fancy	4.00 to 6.00
MISCELLANEOUS	
Violets, double	1.00
" single	1.00
Harrisii Lilies, doz., $2.00 to $2.50	
Callas " 1.50 to 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00
Jonquils	5.00 to 6.00
Sweet Peas	1.00 to 1.50
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum, per 100,	1.00
Ferns, common, per 1000,	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood, 50 lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

GEO. REINBERG

Wholesale Grower and Shipper of **Cut Flowers** **35 Randolph St. CHICAGO**

A LARGE SUPPLY OF

BEAUTIES, RICHMOND, LIBERTY, CHATENAY, MAID, BRIDE, KILLARNEY, UNCLE JOHN, and CARNATIONS at Chicago Market Prices.

Very strong on everything. **Send US your orders and we will send you fine stock.**

Mention The Review when you write.

one month ago. This was particularly annoying, as the wreaths were all sold.

George Aeugle says that the success of the Philadelphia Cut Flower Co. is due to the fact that it is not an all-star aggregation.

J. Liddon Pennock says it is the greatest game in the world.

J. A. Smith, of Michell's, reports that their seeds have arrived in excellent condition. The most serious shortage is in onions, which it is believed can readily be made up from a new onion growing district.

W. J. Sherry, of the Johnson Seed Co., reports that their bulb business in 1906 was, except in the case of a single item, ahead of that of the old firm for the year previous.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

59. Do you consider Variegated Lawson as a good variety for a grower wishing only a few of the best sorts?

Answer.—I recommend it to any one who can grow pink Lawson well and am sure it will produce more blooms than M. A. Patten. PHIL.

THE REVIEW brings the biggest returns for $1 of any money I ever invested in that line.—E. P. STANNARD, Westbrook, Conn.

ORANGE, N. J.—George F. Struck, who is a representative of Lager & Hurrell, of Summit, N. J., will hereafter also represent the F. R. Pierson Co., of Tarrytown-on-the-Hudson, N. Y.

GLADSTONE, MICH.—The Soo Line is one of the railroads which raises its own flowers and plants for its dining cars. The greenhouse at this place is the pride of Roadmaster Crooks, the manager.

NEW YORK.

The Market.

If last week's weather is a sample of what we can produce you can put New York on the list of popular winter resorts and the big city can so far vie with any section of the sunny south for mild temperature. On Monday of this week the average was 50 degrees and at times the temperature rose to 60 degrees. After many days of rain the sunshine and the balmy air made it like a summer day. But the result of the damp, cloudy, miserable weather of late has been to produce the inevitable lack of color and a shortage of the first quality. As a result, notwithstanding a natural drop in business since the holidays, prices for the best stock have been fairly well maintained. By next week the shipments of everything are expected to materially increase. Up to date, January has not been as satisfactory as last year, but the general prosperity among the retailers continues.

ROSES
CARNATIONS
VIOLETS VALLEY

And all other stock in season in large supply

WE ARE HERE TO SERVE YOU.....

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36-inch	$6 00 to $8.00
24 to 28-inch	4.00 to 5.00
15 to 20-inch	2.00 to 3.00
8 to 12-inch	1.00 to 2.00
Shorts	.75
ROSES (Teas)	**Per 100**
Bride and Maid	$6.00 to $10.00
Richmond and Liberty	6.00 to 12.00
Golden Gate and Uncle John	6.00 to 10 00
Chatenay	6.00 to 10.00
Roses, our selection	5.00
CARNATIONS	3.00
" fancy	4.00
" extra fancy	5.00 to 6.00
MISCELLANEOUS	
Violets, double	1.50
Violets, single	1.00 to 1.50
Harrisii Lilies, per doz.	2.50
Callas, "	2.00
Valley	4.00
Paper Whites	3.00
Romans	3.00
Mignonette	4.00 to 6.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35
Adiantum, per 100	.75
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.

ORCHID

Headquarters

I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

CURRENT PRICE LIST

ORCHIDS, a specialty.	Per doz.
Dendrobium Formosum	$5.00 to $6.00
Cattleyas	6.00 to 9.00
Cypripediums	2.00 to 3.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	8.00
24 to 36-inch stems	5.00 to 6.00
15 to 20-inch stems	2.00 to 4.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory	6.00 to 10.00
Perle, Gate	6.00 to 10.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise	6.00 to 10.00
Roses, my selection	4.00
Carnations, large fancy	4.00 to 6.00
" good stock	2.00 to 5.00
Violets, double or single	.75 to 1.00
Harrisii or Callas, per doz.	2.00
Valley	3.00 to 5.00
Paper Whites, Romans	3.00
Tulips	4.00 to 6.00
Jonquils	4.00 to 5.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	2.00
Asparagus Strings, each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum, per 100,	1.00
Ferns, per 1000,	2.00 to 2.50
Galax, "	1.00
Boxwood Sprays, per lb.	.15
Wild Smilax, case	$3.00, $4.00, $5.00

Subject to change without notice.

Every one of them seems to be busy and contented. With all the great balls and other accompaniments of the festive New York season, a splendid trade may be safely depended on until Lent, or until society begins its hegira to Florida and other popular southern centers.

Beauties have held well, some fine stock touching $75 per hundred the first of the week, although $60 was top almost universally.

Prices have retrograded also on Bride, Maid and Killarney. Richmond maintains its popularity and the long-stemmed stock often has touched $50 per hundred and even now sells readily at $25. There is no surplus of red roses.

Carnations are overabundant at last and prices are down, even for the selects and novelties. The quality remains superb. More orchids are coming in and all the popular varieties are in good demand. A great many are shipped out of the city every day. Prices have decreased a little. The same may be said of gardenias; where they all come from is a mystery.

Harbingers of spring are sweet peas, while lilac and forsythia, making the retail windows increasingly attractive, are potent reminders of the fact that Easter is only eleven weeks away. Already the plantsmen are anticipating the needs of the retailers and booking their orders. Anton Schultheis, of College Point, was in the city Monday, taking time by the forelock, and showed me assorted lists of $500 worth and over for single firms, the proviso being only "save me at least that amount of the best you have and select and mark it for me now." That is the provision the bon ton houses make even this early, knowing how sure will be the call this year for the usual plant Easter, expected to be far in advance of the record breaker of 1906.

The violets are arriving in battalions now and there are enough and to spare. Prices for even the specials did not go above $1 on Monday and most of the stock sold at 75 cents and so on down to 40 cents. It is a question if they go above $1 again at any time before Easter.

Tuesday found business dull.

The Fallon Case.

George O. Fallon is said by the police to have shot and killed Mrs. Lena Wiedemann Monday night in her home in West Eighty-second street and then shot and slashed with a razor Miss Paulina Ratel, a boarder with the Wiedemann family, after which he attempted his own life, but will recover, at the Roosevelt hospital. Miss Ratel, who was taken to the same hospital, also was pronounced out of danger. Fallon is under police guard. Frederick Bergman, a caller on Miss Ratel, who was beaten on the head with the butt end of a revolver by Fallon, is held in the House of Detention as a witness pending an inquiry by Coroner Dooley.

Various Notes.

These are the days of horticultural societies' annual dinners, smokers and receptions. This week the Madison smoker of the Morris County Gardeners' and Florists' Society takes place on Wednesday evening. The same night the Tarrytown Horticultural Society celebrates, an unfortunate coincidence, for no one who has ever attended either wishes to miss one of them. This is a case of being at one place in spirit of necessity, while the temperance dinner of the other is amalgamated. A goodly

Will You Have a Share?

Of the MONEY that is coming to the advertisers who offer their stock in the



...ANNUAL...

Carnation Number

THE WEEKLY FLORISTS' REVIEW

TO BE PUBLISHED

JANUARY 24, 1907

Containing a full report of the Toronto Convention and Exhibition of the American Carnation Society, and much other seasonable matter.

TIMELY for Special Advertising of

...NOVELTIES...

Carnation Cuttings	Building Material	Florists' Seeds
Decorative Plants	Insecticides	Ribbons
Forcing Stock	Rose Plants	Bench Material
Easter Specialties	Bedding Plants	Boilers

also Wholesale Cut Flowers and many other stocks in strong demand at this date.

"Our clearing sale adv. in the Special Autumn Number brought us three times as many orders as we could fill." FRANKEN BROS.

EARLY COPY IS A GREAT HELP

toward good display and position. If the size of your stock does not require a page adv. send a classified, but **SEND IT EARLY.**

number of New Yorkers will be at each and the usual success at both towns is always to be depended on.

On January 23 comes the annual dinner of the Nassau County Society. This falls on an evening that finds several who would attend away at the Toronto convention.

There promises to be a carload of New Yorkers to visit their brethren of the "frozen north." The transition from summer to the delights of sleigh riding and a dry, cold atmosphere, full of health and inspiration, will be a treat to all who go. The rate is only $11.85 going, $3.95 to return and $2.50 for the Pullman conveniences. The train leaves the Grand Central depot at 8 p. m., Tuesday, January 22, and engagements for berths, etc., should be made with Dailledouze Bros., of Flatbush, without delay. All the prominent carnationists of this section now intend to be there. No one who has not experienced it can overestimate the sincerity and enjoyment of a Canadian welcome.

Next Monday will be a great night at the New York Florists' Club. The new officers will be installed. Comprehensive addresses may be depended upon. President Totty will outline a policy that will insure another year of great enthusiasm and prosperity. At this meeting novelties in plants and flowers will be exhibited, the various committees will be appointed and the faithful provider of provender will again demonstrate how great a factor he has been in drawing the record attendance of the past three eventful years.

The employees' ball last Saturday night was a great success. Nearly 1,000 were present and it was daylight before the young folks were satisfied. Henry Reiches, of Twenty-eighth street, led the grand march. Vaudeville talent added to the interest. Harry Hoffmeyer led the retail contingent. Next year it will be Terrace Garden and a greater success. As usual, the enterprising promoters came out of the venture whole.

I consider

THE WEEKLY FLORISTS' REVIEW

the best paper published for florists and the Florists' Manual is O. K.; am more than pleased with both.

A. W. DARLING.

Rochester, N. Y.

Jan. 2, 1907.

J. K. Allen is receiving large shipments of forsythia in bloom, five to six feet and very fine, for which there is a ready sale.

Joe Fenrich's windows are in the swim, with white lilac, orchids and gardenias from Schultheis and a daily shipment of white violets. Totty's Richmonds are here, also, lots of them.

Joe Millang, of the Cut Flower Co., is enthusiastic over the Winsor carnation and handles a great daily output from the big houses of the F. R. Pierson Co., at Scarboro. The Winsor is winning its way rapidly and proves one of the best of the recent introductions. It will doubtless be seen at its best in Toronto.

Among the Canadian visitors will be A. J. Guttman, introducer of Victory, Imperial and Pink Imperial.

That you may realize how popular the gardenia is becoming, Ford Bros. one day last week received in one shipment forty-seven dozens of them.

Among the New York visitors were Andrew Wilson, of Summit, inventor of the oil that is proving death to scale and all noxious insects, and Mr. Bauer, representing H. H. Battles, of Philadelphia.

A brother of J. J. Perkins, a prominent contractor of Paterson, N. J., was buried January 3, the cause of death being hemorrhage of the brain.

A cablegram from Bristol, England, on Monday announced the death of the mother of A. M. Henshaw, at the age of 66 years. Mrs. Henshaw leaves a husband and eight children, two of them in this country. The sympathy of the trade is extended to these gentlemen in their bereavement.

Mr. Sullivan, of the Cut Flower Co., is rejoicing in the addition of a fourteen-pound florist to his staff.

A goodly number of the wholesalers are battling with the grippe epidemic,

STOCK MUCH MORE PLENTIFUL

So don't be afraid to order. You will only be charged market prices. Let your orders come.

PLENTY OF WILD SMILAX

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 CHICAGO

Mention The Review when you write.

NEPHROLEPIS WHITMANI,

Strong plants, from 2½-in. pots, $15.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2½-in. pots, $5 00 per 100.

P. R. QUINLAN, Syracuse, N Y.

Mention The Review when you write.

which the unseasonable weather has made widespread. Many serious cases are reported. Both Reidel and Hopkins, of Guttman's force, are laid up.

The entire output of the Coddington ranges, illustrated in last week's issue, is handled by H. E. Froment, of 57 West Twenty-eighth street.

The New York Florists' Club dinner will be the event of the season this year and will take place early in February, as usual. Special attractions and effort should assure an attendance double that of recent years. J. AUSTIN SHAW.

LOUISVILLE, KY.

The Market.

Christmas trade was good. The weather was suitable for the delivery of plants. Blooming plants were abundant. There were some fine azaleas, Gloire de Lorraine begonias, poinsettias in pans, and stevia. Some florists say the call was not so great for potted plants as in former years, but an increase in the cut flower line. All the retail stores were beautifully decorated with Christmas bells and holly.

We are having too much cloudy weather and it is telling on roses, the color being paler.

Trade since the holidays has been quiet, the only demand being for funeral work and a few parties.

Various Notes.

J. V. Bohrman had a misfortune with his boiler, as the tubes all began to leak and he had to replace them with new ones.

Fred S. Schulz is sending out a beautiful calendar for 1907.

Henry Fuehs has some fine calla lilies and Roman hyacinths.

Adam Heitz's new delivery wagon is of the latest pattern. H. LICHTEFELD.

CHARLOTTE, MICH.—William Reno is now manager of the greenhouses of the Fuller Floral Co.

Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stem	$8.00
30-inch	6.00
24-inch	4.00
20-inch	3.00
18-inch	2.50
15-inch	2.00
12-inch	1.50
Short	$1.00 to 1.25
	Per 100
Maid and Bride	$6.00 to $10.00
Uncle John	6.00 to 10.00
Chatenay	6.00 to 10.00
Liberty	6.00 to 15.00
Richmond	6.00 to 15.00
Sunrise	6.00 to 12 00
Perle	6.00 to 8.00
Golden Gate	6.00 to 10.00
Killarney	8.00 to 15.00
Ivory	6.00 to 10.00
ROSES, our selection	5.00
Carnations	3.00 to 5.00
Valley	4.00 to 5.00
Violets	1.50 to 2.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas, per doz.	2.00 to 3.00
Harrisii, "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	2.00
Galax, "	1.00

Mention The Review when you write.

LENOX, MASS.

The regular meeting of the Lenox Horticultural Society was held January 5, President F. Heeremans in the chair. The entertainment committee submitted a program for the February meetings. They have arranged the annual dinner for February 2 and carnation night for February 16. H. Bunyard, of New York, gave an interesting talk, in which he offered a donation from A. T. Boddington towards our fall show premium list, and he offered a medal for the winner of the society's checker tournament.

A. J. Loveless was awarded a first-class certificate for Cypripedium, Leeanum Adela, a seedling which he raised himself, also diplomas for C. insigne Sanderæ, C. insigne Harefield Hall and

Wietor Bros.

51 Wabash Avenue,

CHICAGO

Current Price List

AMERICAN BEAUTY	Per doz.
Extra long stems	$6 00
36-inch stems	5 00
30-inch stems	4 00
24-inch stems	3.00
20-inch stems	2 50
18-inch stems	2 00
15-inch stems	1.50
12-inch stems	1.00
8-inch stems	.75
	Per 100
Brides, fancy	$10.00
" good	6.00
Bridesmaids, fancy	10.00
" good	6 00
Liberty, fancy	10.00
" good	$6.00 to 8.00
Richmond, fancy	10 00
" good	6.00 to 8 00
Chatenay, fancy	10.00
" good	6.00
Uncle John, fancy	10.00
" good	6.00
Perle	6.00 to 10.00
Roses, our selection	4.00
CARNATIONS, Good	3.00
" Fancy	4.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior st ck billed accordingly. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

C. Leeanum Clinkaberryanum. J. R. Shields, of Dalton, was awarded a cultural commendation certificate for some extra fine plants of Begonia Gloire de Lorraine and a diploma for Primula obconica. GEORGE FOULSHAM, Sec'y.

APPLETON, WIS.—Boelter & Zuehike, of the Riverside Greenhouses, have under contemplation plans for the entire rebuilding of their plant at a cost of $10,000.

MCKEESPORT, PA.—James B. Smith reports having had a heavy run of trade the first week in January, funeral work being in unusual demand, but along with prosperity came some hard luck, a valuable running horse being kicked to death by a stable companion.

BEST ROSES

KILLARNEY, RICHMOND, BRIDESMAID, BRIDE
and a full line of CUT FLOWERS of all kinds.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

ONARGA, ILL.

The following is from the Review of Onarga, Ill., for January 4.

"Ludvig Mosbaek, who has been in charge of the Onargo Greenhouses and farm gardens for the last two or three years, has decided to leave Onarga and join his family in Minnesota, where they have a farm. The partnership existing between Mr. Mosbaek and L. J. Risser has therefore been dissolved, the business being continued under the name of the Mosbaek Greenhouse Co.

"We are sorry to have Mr. Mosbaek leave this community, for he is not only an active, enterprising business man, who thoroughly understands the greenhouse and farm garden business, but he is also an excellent man to do business with, being upright and honorable in his methods, and a thorough gentleman.

"Another man connected with this business who will probably leave us soon is A. Bobjerg, who had charge of the office work under Mr. Mosbaek. Mr. Bobjerg is a man with whom it is a pleasure to do business. By profession he is a minister, is well educated, speaks the English language fluently, and in every way is an excellent citizen. Having had charge of the printing for the company, he has been thrown into close relations with this office, and like his employer, we have found him a pleasant, gentlemanly fellow, whose friendship is worth having."

LANCASTER, O.—M. M. Miesse says he had a big call for lettuce for Christmas, one customer taking 3,000 pounds.

MASSILLON, O.—N. E. Beck has just finished a new house, 24x100, even-span, steam heated, to be used for lettuce. He makes a specialty of asters, pansies and lettuce. Business is good.

ST. LOUIS, MICH.—Frank Kleinhans, of Belding, has purchased a half interest in D. Kleinhans' greenhouse and the firm will be known as Kleinhans Bros. They have just completed a small cool house and in the spring they will erect another large house.

AUGUSTA, GA.—H. W. F. Balk says Christmas trade was satisfactory and ahead of last year. Trade at his Broad street salesrooms has been particularly good. Blooming plants of all kinds are rapidly superseding palms and ferns. Augusta is growing as a flower center and all the florists are doing a good business.

TOPEKA, KAN.—I. H. Ellenberger reports business constantly increasing and that he is building steadily, a little at a time.

COUNCIL BLUFFS, IA.—J. F. Wilcox reports making Christmas shipments of American Beauties to points as widely separated as Chicago, Ill., and Portland, Ore.

YORK, PA.—Chas. E. Smith says holiday business was about fifteen per cent better than in former years. Plants sold well. He had baskets made up of blooming plants and ferns. Azaleas, ardisias, cyclamen, begonias and poinsettias were all good sellers. Cut flowers were somewhat higher in price than in other years and did not sell so well.

EVERY now and then a well pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
520-40 Caxton Bldg. Chicago

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By married man with 10 years' experience in general greenhouse work. Address No. 26, care Florists' Review, Chicago.

SITUATION WANTED—Young man, 20 years old, would like to learn the florist trade; has had experience in growing; best references. Address A. P., care Jos. Blazek, 853 Hamlin Ave., Chicago.

SITUATION WANTED—By man with 20 years' experience; place where general stock is grown preferred. Ed. Wiseman, 1814 Howard St., St. Joseph, Mo.

SITUATION WANTED—By practical florist, roses, carnations, and pot plants; Colorado preferred. Address Greenhouse-man, care Scott Floral Co., 16th and Champa Sts., Denver, Colo.

SITUATION WANTED—By florist and gardener; 14 years' experience; would like to take charge of an institution or private place. Address No. 21, care Florists' Review, Chicago.

SITUATION WANTED—By good all-round man under glass and out-door gardening; flowers, lawn, shrubberies and vegetables; 20 years' experience in all branches; private place preferred; good references. Address No. 28, care Florists' Review, Chicago.

SITUATION WANTED—By young man, age 23, German; having three years experience in roses, carnations, mums and general bedding stock; honest, sober and not afraid of work; please state wages with board, also without. Gerhardt J. Kuhlen, Kenton, Hardin Co., Ohio.

SITUATION WANTED—As manager of a good size establishment where a man of wide experience is desired; familiar with catalogue work and could control considerable trade; correspondence solicited. Address No. 24, care Florists' Review, Chicago.

SITUATION WANTED—By a young man; two years on a private place in Illinois; has best references from former employers in Norway, Germany and France; wishes position as private gardener on a large place; years of experience. Address O. Pettersen, Box, 345, Elmhurst, Ill.

SITUATION WANTED—By a thoroughly capable business man, who is a first-class floral artist, to take charge of an up-to-date retail store; can furnish best of references; single; German; have had European experience. Address No. 23, care Florists' Review, Chicago.

SITUATION WANTED—As head gardener or superintendent of a gentlemen's estate where a man of executive ability as well as a lifetime training in all branches of horticulture would be aopreciated; aged 45 and unincumbered. Address No. 25, care Florists' Review, Chicago.

SITUATION WANTED—By a middle-aged man, married; German; has good education; knowledge of greenhouse work, inside and outside, including building houses, growing cut flowers and plants; an all-round mechanic, practical plumber and steam-fitter; south preferred. Address No. 32, care Florists' Review, Chicago.

WANTED—1,000 or 2,000 feet 2-inch pipe, good second-hand; also No. 5 or No. 6 Kroeschell boiler, second-hand. Address No. 33, care Florists' Review, Chicago.

HELP WANTED—Florist to take charge of carnation and plant growing establishment. Address No. 13, care Florists' Review, Chicago.

HELP WANTED—Seedsman to work in store and warehouse; German or Hollander preferred; send copy of references in first letter. Address No. 27, care Florists' Review, Chicago.

HELP WANTED—Steady, sober man; must be good grower of carnations; $30 a month with board. Address No. 2, care Florists' Review, Chicago.

HELP WANTED—Gardener and greenhouse man to take charge of private place; must be sober and industrious; single man preferred. Box 474, Montgomery, Ala.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Experienced man for retail florist store; must know how to make up funeral work and wait on store; age 25 to 35. Chas. H. Fox, 21st and Columbia Ave., Philadelphia, Pa.

HELP WANTED—Greenhouse engineer to do steam-fitting, keep pumps, steamtraps in repair; must be steady and sober; married man preferred. Address No. 15, care Florists' Review, Chicago.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED — Foreman for commercial place where roses, carnations and a general stock is grown; have about 75,000 feet of glass in central state; give salary and full particulars in first letter. Address No. 3, care Florists' Review, Chicago.

HELP WANTED—A capable gardener who understands greenhouse work; have about 30 acres of shubbery and two houses 17x50, one 17x36 and one 17x34; must be thoroughly reliable and come well recommended. Address No. 4, care Florists' Review, Chicago.

HELP WANTED—Middle-aged florist for general greenhouse work; one who can handle 15,000 square feet of glass if wanted; $30.00 to $35.00 per month with room and board. Address Florist, 1318 Wash. Ave., North, Minneapolis, Minn.

HELP WANTED—A good all-round man for retail place of 12,000 feet of glass; must have good knowledge of plant culture and not afraid of work; permanent place for right man; please state experience and wages expected. Address No. 29, care Florists' Review, Chicago.

HELP WANTED—A thorough plantsman to take position of working foreman on place comprising 10,000 square feet of glass where pot plants only are grown; must be a hustler and thoroughly understand the forcing of all kinds of bulbs; good wages to right party. Address with references as to character and ability No. 30, care Florists' Review, Chicago.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month; stock price $650.00. A good retail place. Address No. 5, care Florists' Review, Chicago.

FOR SALE—Mailing list; 10,000; large mail and express buyers of 1905: make offer; quick. Address No. 20, care Florists' Review, Chicago.

FOR SALE—Hitching's base-burning boiler No. 22, good as new, $25.00; corrugated No. 15, $45.00. W. H. Salter, Rochester, N. Y.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR SALE—Denver, Colo., wholesale florist business; 7 greenhouses, 12 lots, in first-class condition; write at once for particulars. W. C. Walter, 448 Josephine St., Denver, Colo.

FOR SALE—Four greenhouses, 7,000 feet glass, all cemetery trade, good business; favorable lease on land; price $5,000 or will sell stock and rent greenhouses. Mt. Hope Greenhouses, 114th St. and Avon Ave., Morgan Park, Ill.

FOR SALE—Greenhouse, 7000 feet glass; hot water plant; dwelling house with 6 rooms; lot 175 feet front, 190 feet deep; in a beautiful and fast growing city of the plains, good trade in city and surrounding country. W. N. Searing, 712 13th St., Greeley, Colo.

FOR SALE—Wholesale greenhouse plant, steam heat, well stocked with roses and carnations; also modern two-story dwelling, all in first-class condition; will sell very reasonable. For particulars address No. 6, care Florists' Review, Chicago.

FOR SALE—Two greenhouses, 3,000 feet of glass, new boiler house and potting-shed, cement-block dwelling and out-buildings; 3 acres of land; two minutes from railroad depot; write for particulars; excellent chance for party with some cash. Address No. 31, care Florists' Review, Chicago.

FOR SALE—Wholesale and retail greenhouse business and residence at a bargain; in city of 25,000 inhabitants; only business of the kind in town; three florist stores in town as steady customers; good stock of plants and utensils; owner wishes to sell on account of long illness. Address S. W. Marshall, 335 Glenn Ave., Fresno, Calif.

FOR SALE—New set of Bailey's Cyclopedia of American Horticulture; cheap for cash. Otto Bourdy, Lowell, Mass.

FOR SALE OR TRADE—Greenhouse, 7,000 feet of glass, city of 4,500; fine heating system, Morehead steam trap; straight line to Chicago; good demand for vegetables and cut flowers; will sell or trade for a farm; house been built two years; ¼-block of ground in center of city; sell very cheap. Address No. 17, care Florists' Review, Chicago.

FOR SALE—Old-established retail florist and landscape gardening business on Long Island, in one of the most restricted parts near the seashore; consisting of 6 small greenhouses, well stocked, all implements and machinery; a good opportunity, for the small amount of $6500 cash. Address No. 7, care Florists' Review, Chicago.

HELP WANTED Married man as section foreman for roses in Pennsylvania. $15.00 per week. Address
No. 11, care Florists' Review, Chicago

WANTED

We want a traveling man who knows the florists' supply line thoroughly.
Must know the trade of the middle west, particularly the undertaking trade.
Address with references and wages,

No. 8, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE!

Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. 9, care Florists' Review, Chicago.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address
E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

SITUATION WANTED

As foreman or manager on up-to-date commercial or private place, by first-class florist, designer, landscape gardener and nurseryman. 29 years old. 16 years' practical experience in all branches of gardening in Germany, England, France, Austria and this Country. Best of references. A good salary expected. Please state particulars in first letter.

Address No. 19,
Care Florists' Review, Chicago.

For Sale Modern greenhouse, 3000 feet of glass, best of trade; good reason for selling; anyone with money can clear from $1,500.00 to $2,000.00 a year; it will pay to investigate. Address No. 18, care Florists' Review, Chicago.

Greenhouse Building

Don't worry your head about that new house you intend to build **WE** will take complete charge and save you worry, time and money.

We are Experts

Let us know what make of material you are going to use. Address

No. 22, care Florists' Review, Chicago

FOR SALE!

90 H.-P. Horizontal Tubular Boiler

5 feet in diameter, 15 feet long. Boiler is insured for 95 lbs. steam pressure; price, $140.00 on cars. All fixtures are included and they are in first-class order. To any florist in need of a boiler, this chance should not be overlooked. Write at once as this adv. will will not appear again.

GEO. E. BUXTON, Nashua, N. H.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 10, care Florists' Review, Chicago.

Auction Sale

The undersigned will sell on **Thursday, January 17, 1907,** at 10:30 o'clock in the forenoon.

Owing to a change from horse to electric power I have concluded to dispose of the entire contents of my stable, consisting of the following stock and plant, to-wit:—10 business horses, 8 delivery wagons, 2 double sets of harness, 6 single sets of harness, 2 sets of road harness, 1 fast-trotting mare, record 2:14¼; 1 bay road mare, Standard bred; 1 pair spotted ponies, wagon and harness; 1 brown saddle horse, 3 surreys, 1 natural wood trap, 3 runabouts; 1 depot wagon, new sulky built by Toomey, 1 Brewster brougham. All carriages have rubber tires. A lot of wagon and stable blankets, halters and stable utensils, etc.

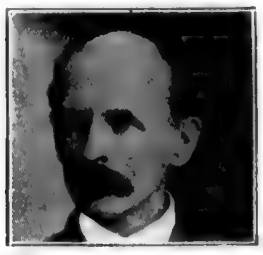
The above mentioned stock and plant will be sold at public auction at the stable in the rear of No. 250 Fifth Ave., known as **No. 3 West 28th St., Borough of Manhattan, New York City.**

By order of Charles Millang (florist).

SAMUEL NEWWITTER, Auctioneer,
280 Broadway, Manhattan Borough,
New York City.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, **$2.50 per case.** The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack, GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

CALDWELL THE WOODSMAN DECORATING CO., -- -- EVERGREEN, ALA.

Mention The Review when you write.

WAYSIDE NOTES.

William Mathews, of Utica, N. Y., is having big success in growing cattleyas and vandas in osmunda roots on bark and intends adopting this method with other varieties. Vanda tricolor, suavis and cærulea are fine specimens. Blooms bring good prices and are in constant demand.

Frank Baker, of Utica, is preparing his usual supply of small ferns, which fill up the empty spaces after Easter stock is gone.

Spencer & Martin have given up their houses, in Utica, and confine their business to the store, which keeps them hustling.

Brant Bros. and Peter Crowe have kept the market in Utica supplied with excellent cuts of roses. Adiantum Croweanum was never better than now.

Dr. Rowlands, of Utica, cannot supply the demand for carnations, which are his specialty.

J. G. Hatcher, of Amsterdam, N. Y., reports big sales of flowering plants, which made up in a measure for the shortage in cut flowers during the holidays. He is now wrestling with the problem of good help, the higher wages being paid by the big corporations making it difficult to get even ordinary labor, excepting at an advanced rate. He is working up quite a seed business.

A. J. Hilton, of Amsterdam, has no kick coming and believes that returns will figure up ahead of last year.

J. O. Graham, at Little Falls, anticipated the demand with an extra supply of pot plants, which are selling better than ever.

Fred Goldring, of Slingerlands, had a job to keep the Albany stores supplied during the holidays and he says he must double his capacity if the demand continues.

Sambrook Bros., at Troy, worked day and night during the holidays. Funeral work interfered with holiday business somewhat.

The forthcoming Knights Templar's convention, at Saratoga, will find a busy man in T. J. Totten, who is figuring on the big contract for decorating. He intends giving considerable space to the new rose, Jules Grolez. He is having a big demand for summer blooming roses under glass.

L. E. Marquisee, of Syracuse, speaks highly of his new white carnation, Marchioness, which is even freer than Enchantress. The flower is perfect in shape, even if partly open. It will be seen at Toronto, if Old Sol will favor this section with a few of his rays. Judging from reports it will be hard to put up a representative shipment from many of the growers. A fine Enchantress is here. It seems distinct from Skidelsky's excellent variety. W. M.

Jackson, Miss.—The Jackson Floral Co. has been incorporated with W. B. Taylor president of the corporation and W. J. Brown, founder of the business, as manager.

HEADQUARTERS FOR

Hardy Cut Greens and Florists' Supplies



FANCY AND DAGGER FERNS, fine quality, $1.50 per 1000.

NEW CROP BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000; $7.50 per case of 10,000.

SOUTHERN WILD SMILAX, $3.50 and $7.00 per case.

LAUREL FESTOONING

Good and full, 5c and 6c per yard.

BRANCH LAUREL, 50c per bunch.

LEUCOTHOE SPRAYS, $1.00 per 100.



SPHAGNUM MOSS, 50c per bag; five bags, $2.00. **GREEN MOSS,** $1.00 per bbl.

FLORISTS' SUPPLIES—A full line of Florists' Supplies, Wire Frames, Corrugated Boxes, Cut Flower Boxes, Immortelles, Cycas Leaves, Sheaves of Wheat, Tin Foil, Cut Wire, etc.

HENRY M. ROBINSON & CO.

Tel. 2617-2618 Main. **15 Province St., 9 Chapman Pl., Boston, Mass.**

Mention The Review when you write.



Extra fine new crop **FANCY FERNS** **$1.50 per 1000.** Discount on large orders

Boxwood, 20c lb.; 50 lbs., $8.50. **GALAX** Bronze and Green $1.25 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.

38-40 Broadway, DETROIT, MICH.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

PITTSBURG.

Current Comment.

This city has suffered from the worst combination of weather, since the first of the year, it is possible to conceive. With the exception of two cold days, we are having spring temperature, with rain. We had two days' partial sunshine during December and part of one day the last week, the result being a shortage of good flowers of all kinds, especially roses. Carnations are getting soft and are the cause of complaint when shipped any distance, people thinking they are getting old stock.

Business, however, has been good, cleaning up everything that comes in; but this has been true for the last month and the wholesalers have had nothing to complain of. While they have not been receiving great quantities of stock they have been getting large prices and the returns to the growers have, in a way, made up for the shortage in cut.

The retail men, especially the decorators, have been having large innings. Some of the handsomest decorations this city has ever seen were in order last week. Mrs. E. A. Williams, Randolph & McClements and H. L. Blind & Bros. had a series of them at the Pittsburg Florists' Club, and as they were carte blanche orders, there was something doing. They are entitled to credit for not overdoing orders of this kind, but producing the most beautiful effects and each decoration entirely different from any of the others. After having seen these decorations all in the same room night after night I begin to appreciate

Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per lb.....15c Per case.....$6.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00

Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist

36 East Third St., CINCINNATI, OHIO

Mention The Review when you write.



FERNS

Fancy and Dagger, Bouquet Green in roping or by the lb. Laurel in any shape or quantity, and best quality.

Write for prices.

ROBERT GROVES

ADAMS, MASS.

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

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Cut Ferns-Galax Leaves

—THE YEAR AROUND—

Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy, 70c per 1000.
Special prices on lots of 100,000 and up.
Terms strictly cash, F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

the fact that the up-to-date decorator must be an artist, full of original ideas with something new and different for each customer.

There has been a good deal of funeral work, but the high prices have kept down the small trade. However, taken altogether, the new year is starting out satisfactorily.

The sending of ball bunches, which was so popular a few years ago, has again become the correct thing and a peep into an artistically decorated ballroom, with seventy-five or 100 elegantly dressed women, each with a large bunch of beautiful flowers, would make the heart of a stone man beat a little above normal. Hoo-Hoo.

BALTIMORE.

The Market.

The last year has been a prosperous one; no assignments were made and there was much rebuilding. The new year has begun well. Trade last week was satisfactory. New Year's came in with many entertainments and quite a number of decorations were called for, while cut flowers were used in various ways, mostly in bunches arranged for tables.

Carnations still are in short supply but roses are coming in more steadily. Callas are scarce and Paper White narcissi in many cases take their place. Mignonette is getting plentiful and greens of all kinds are steady. Some poinsettias still are to be had.

Various Notes.

M. M. Ellis, gardener for Gen. John Gill, has a fine sport from Enchantress, darker than the Rose-pink Enchantress and just as large and more double.

J. Bolgiano & Sons have issued their 1907 spring catalogue. It is tastefully made up and reproductions of many of their customers' photographs appear on the front cover.

Leonard Morse, representing Thomas Meehan & Sons, of Philadelphia, was a visitor here last week.

Many of the seed houses are having inquiries for private gardeners.

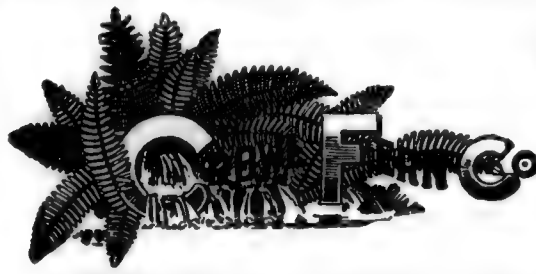
J. L. T.

CEDAR RAPIDS, IA.—Suit was filed in the superior court, December 29, against the Cedar Rapids Floral Co. The writ is for $105, said to be due the Sharer estate for rent.

LIBERTY, IND.—W. N. Thorp came near burning out last week. After firing up, about 1 a. m., he noticed the soot burning in the stack and this soon fired the timbers around it. There was no damage to the houses.

MALTA, O.—W. C. Scovell says Christmas trade was the best he ever had. He sold a nice lot of mums, some in 7-inch pots, and will have them for several weeks.

CRESCO, IA.—Considerable damage was done to W. B. Perry's greenhouses, January 1, by fire caused by an explosion of gas in the furnace. Several hundred dollars' worth of plants and 700 feet of glass were destroyed. Bursting of the pipes and the consequent shutting off of heat added to the damage to plants. The damage was repaired as rapidly as possible.



Fancy or Dagger Ferns

$1.00 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases. $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 85c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.

ALSO DEALER IN

Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE,

Oldest, Largest and Most Reliable Dealer in the U. S.

HINSDALE, MASS.

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

Mention The Review when you write.

GALAX LEAVES and Leucothoe Sprays

J. C. LOVEN, MONTEZUMA, N. C.

Mention The Review when you write.

Boxes=Boxes

Light Wood Cut Flower Boxes

SIZES IN STOCK	Per 100
3 x 4 x 20	$ 4.00
3 x 5 x 24	4 50
3 x 7 x 21	4.50
6 x 6 x 24	6.80
4 x 12 x 24	9.00
6 x 12 x 24	10.50
6 x 12 x 30	12 50
6 x 12 x 34	14.00
6 x 12 x 36	15.00
6 x 15 x 42	20.00
6 x 15 x 48	23.00

Write for samples. Special prices on case lots.

Getmore Box Factory

INCORPORATED

BELLEVILLE, ALA.

Mention The Review when you write.

CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap, durable.** To try them once is to use them always.

Size No. 0	3x4x20	$2.00 per 100,	$19.00 per 1000	
" No. 1	3x4½x16	1.90 "	17.50	"
" No. 2	3x6x18	2.00 "	19 00	"
" No. 3	4x8x18	2.50 "	23 00	"
" No. 4	3x5x24	2.75 "	26.00	"
" No. 5	4x8x22	3.00 "	28.50	"
" No. 6	3x8x28	3 75 "	36.00	"
" No. 7	6x16x20	5 50 "	54.00	"
" No. 8	3x7x21	3.00 "	28 50	"
" No. 9	6x10x35	6.50 "	62.00	"
" No. 10	7x20x20	7.50 "	67.00	"
" No. 11	3½x5x30	3.00 "	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED CO.

BOX 104. COLUMBUS, O.

Mention The Review when you write.

CUT FLOWER BOXES

EDWARDS FOLDING BOX CO

MANUFACTURERS

PHILADELPHIA, PA.

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THE J. W. SEFTON MFG. CO.

CHICAGO, ILL., and ANDERSON, IND.

FLOWER BOXES, CORRUGATED SHIPPING BOXES, CORRUGATED and PARAFFINED LIVE PLANT BOXES

Mention The Review when you write.

WATERPROOF

Cut Flower and Design Boxes

PARAFFIN LINED PAPER BOXES

For mailing and expressing live plants. Get prices of others, then write for ours.

THE BLOOMER BROS. CO., ST. MARYS, O.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

Your Plans For 1907

should include telephone service at your home as well as at your place of business.

It isn't only "just as easy" to do things by telephone, it is

EASIER CHEAPER and QUICKER

NEW YORK TELEPHONE COMPANY

15 DEY STREET

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 9.—Cucumbers, $1 to $2 per doz.; leaf lettuce, 35c to 45c case; spinach, 40c to 50c case; radishes, 35c to 65c doz. bunches; mushrooms, 50c to 60c lb.

BOSTON, Jan. 8.—The weather continues very mild and as a consequence supplies are abundant and trade rather slow. Cucumbers, $4 to $15 box; tomatoes, 40c to 45c lb.; mushrooms, 35c to 75c lb.; radishes, $1.75 box; lettuce, 15c to 35c doz.; romaine, 40c to 50c doz.; mint, 75c doz.; parsley, $1.75 to $2 bushel.

NEW YORK, Jan. 8.—Cucumbers plenty and weak. Lettuce generally poor and receiving little attention. Mushrooms slow and prices show slight decline. Mint scarce. Radishes steady. Tomatoes firm for best grades. Cucumbers, No. 1, $1.50 to $2 doz.; No. 2, $1 to $1.25 doz.; culls, $2 to $3 box; mushrooms, brown, 25c to 60c lb.; white, 30c to 75c lb.; mint, 50c to $1 doz. bunches; radishes, $2.50 to $3 per hundred bunches; rhubarb, 75c to 90c large bunch; parsley, 15c to 20c per doz. bunches; tomatoes, 10c to 30c lb.

GROWING LETTUCE.

I want to gain information along a line connected with the under glass problem. My home is on a farm of 118 acres, adapted principally to stock growing. I was born on this farm, so am somewhat familiar with farm management. Now the point is here: I do not wish to farm in the regular way, for there is not money enough in it. I have been successful raising a few sheep and have started in a small way to raise Shetland ponies and am doing a nice little business with White Wyandotte chickens. Now, if I could grow something under glass, that would net me, say, $500 a year, my circle would be complete. My sheep and ponies take but little attention and the chickens, say, one to two hours a day.

You are sending me a treatise on asparagus culture. The treatise on violets was received yesterday. Now I want information on growing lettuce under glass. I have a wood lot of some forty acres where I could obtain a great many wagonloads of leaf-mold, also fine decayed wood. Could I use some in any way for lettuce growing? As I am not a professional florist, my chances of success are better along one line. I am only thirty-seven miles from Cleveland, ninety from Pittsburg, thirty from Youngstown and thirty from Akron. In short, can a farmer put up a greenhouse, say, 22x100 feet, grow some one or two things, and make enough money to pay for time and money expended. H. J. A.

It should be easily possible for you to make a fair profit out of a house of lettuce. Lettuce is not a difficult crop to handle and it is one that is reasonably certain of a market in one of the neighboring cities you mention. Your soil will serve admirably, with the addition of stable manure.

CUCUMBERS.

I have a greenhouse, 20x100 feet, now devoted to other crops, but I would like to try cucumbers. How many plants will the house hold; that is, how far apart in rows should they be planted and how many rows to a bench? What is the usual date of planting and how long are they in crop? How many cucumbers might I expect to pick from each plant and what other crops would you suggest using with them? How about chrysanthemums followed by lettuce and then cucumbers? W. H. E.

The plants should be set eighteen inches apart in the rows, that will make twenty-five plants to the row of 100 feet. The number of rows will depend largely on the arrangement of your benches.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

The rows should be, at least, three feet apart, but, of course, your walks would count for space. If your benches are three and one-half feet wide they will accommodate two rows nicely, the plants being set near the edges of your bench. But if only two feet wide, only one row could be given justice.

It is not so much the amount of root space required, as cucumbers grow in a comparatively small amount of soil, considering the size of the plants, as it is the air space and amount of light that the plants require. The height the plants may be allowed to attain will depend on the headroom available, but, allowing them a height of five feet, it will be seen that one row would shade the other, unless sufficient space were allowed.

The date of planting will depend on your command of heat and the amount of coal you calculate to burn. In winter, the higher price of the product may be counted on to pay for the extra expense and trouble, when as the season advances and the weather becomes warm, less expense and less trouble being required to produce the crop, the price naturally falls. So, as far as the paying end of it goes, it does not make much difference at which season you grow the crop.

For a beginner, however, the best time to plant would be after the middle of February, as they are easier handled during the warmer spring months than through the dull weather in winter. It takes four to five weeks, to have the plants large enough for setting out, from the time the seeds are planted.

A cucumber plant will produce from two to three dozen cucumbers, according to the care given and success of the crop.

The rotation of crops you suggest should work out all right. If good plants of lettuce are set out, after the chrysanthemums are over, they ought to be cleared out in about ten weeks, which would give you nice time for a spring crop of cucumbers. W. S. CROYDON.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

Vegetable Growers should

Send 5 Dollars

for a swivel wheel and 20 1/8-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself, the **Wittbold Watering System,** or send for circulars of testimonials.

Louis Wittbold, 1708 N. Halsted St., Chicago

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Lambert's Pure Culture
Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on "Mushroom Culture" mailed free on application.
American Spawn Co.
St. Paul, Minn.

PURE CULTURE

MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50.
Per 50 bricks, $6.50. Per 100 bricks, $12.00.
Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

A MICHIGAN LETTUCE FACTORY.

There was a time when vegetable growers thought any old-fashioned house was good enough for lettuce, but in these modern days it has been found that lettuce is deserving of as good a house as any other crop. One of the up-to-date establishments with which the state of Michigan is dotted is that of Chamberlain & Bunker, at Fremont. They have in the last two or three years erected a large establishment, partly devoted to carnations and spring bedding plants, but principally devoted to the forcing of lettuce, radishes, cucumbers, parsley and tomatoes. They put their lettuce up in fifteen-pound baskets and find a wide market for it among the retail grocers.

Their houses are wide, long, high, light and airy. They would do for American Beauties as well as for lettuce. One of these houses is shown in the accompanying illustration. Of course, the lettuce being on the ground level instead of on raised benches adds something to the appearance of the height in the house. But Chamberlain & Bunker say that they find the larger body of air confined in these high houses aids materially in maintaining an even temperature. A sudden change does not penetrate to the plants so quickly as it does in small houses. Once the house is raised to the proper temperature it is carried there with little expense of attention or fuel.

Chamberlain & Bunker were among the first growers to make a test of mechanical watering and the picture shows the Wittbold sprinkling apparatus in operation along one side of this house. It is difficult to get a photograph which shows the sprinklers working, for the spray is so misty that the camera fails to catch it and it appears only as a fog on the negative. In this case, however, the light was just right to show the waterfall. Chamberlain & Bunker have equipped their entire establishment with this mechanical sprinkler. They say they are more than pleased with it and like it better the more they use it. "It does the work in every way far more satisfactorily than we dared hope when we first put it in."

The Rural New Yorker recently contained a two-column writeup of mechanical watering in which its many advantages were pointed out, and the statement was made that its adoption by the vegetable growers is becoming general and that mechanical watering promises to revolutionize the trucking industry in the south. Indeed, A. H. Ahten, a well-known New Orleans grower, says it saves him $3 or $4 a day in cost of labor, besides doing the work better than by the old-fashioned means.



Wittbold's Watering System at Chamberlain & Bunker's, Fremont, Mich.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.
The Everett B. Clark Company
MILFORD, CONN.
East Jordan, Mich. Sister Bay, Wis.
We are now writing growing contracts for
PEAS AND BEANS
which we grow in both Michigan and Wisconsin.
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.
Mention The Review when you write.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

EUROPEAN growers report an entire failure of the seed crop of Japanese morning-glory.

WHERE are the people who said there was plenty of all kinds of onion seed floating around?

THE deliveries of the important varieties of turnip radishes from the European growers are lower than their lowest estimates.

THAT part of the seed trade that is wrestling with belated catalogues would be glad to see an old-fashioned blizzard envelop the country.

D. M. FERRY & CO.'S preliminary wholesale list for 1907 has no price placed opposite Southport White Globe onion seed. It states: "Crop very short; sold out."

CHICAGO.—The greenhouse vegetable grower is complaining much about the dark weather. It is a serious drawback to his business, as fruits do not form well on cucumber vines without a little sunshine occasionally.

THE soft weather which the present year has given to date is said to be having a bad effect on the sweet corn seed that the growers are trying to get into shape for shipping. Dry, hard weather would be more satisfactory.

VISITED CHICAGO.—H. W. Buckbee, Rockford, Ill.; Wm. Hagemann, New York; J. C. Robinson, Waterloo, Neb., on his way to attend the meeting of the executive committee of the American Seed Trade Association at Washington this week.

WILLIAM HENRY MAULE says in his catalogue, speaking of the Southport Globe onions: "This year the crop is unusually short and I have had to advance my prices; but they will be found reasonable considering the quality of

SEEDS WHICH SUCCEED
THIS MEANS THAT **LANDRETH'S SEEDS** GROW AND ARE GOOD
ADDRESS: BRISTOL, PA.
Mention The Review when you write.

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

LEONARD SEED GROWERS
Leading Onion Set Growers
SEED FLOWER SEEDS CO.
Largest growers of Peas, Beans and Garden Seed in the Central West.
Write for Prices.
CHICAGO

Burpee's Seeds Grow
Mention The Review when you write.

C. C. Morse & Co.
SEED GROWERS, now located at
171-173 Clay Street, San Francisco, Cal.
Growers of the following specialties for the trade:
Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,
Onion, Lettuce
Flower Seeds, especially
SWEET PEAS
Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to
171-173 Clay St., San Francisco
Mention The Review when you write.

The Cleveland Seed Co.
AVON, N. Y.
Growers of..... FANCY PEAS AND BEANS
for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.
Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.
Mention The Review when you write.

J. Lilly Co.
SEATTLE, WASH.
Growers of
PUGET SOUND
CABBAGE SEED
Mention The Review when you write.

A. J. PIETERS SEED COMPANY
HOLLISTER, CAL.
Grower of
Vegetable and Flower Seeds
Special attention paid to SELECTED STOCKS::::
A. J. PIETERS, President and Manager, will visit the trade.
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon, Squash, Watermelon, Sweet Corn.
CORRESPONDENCE SOLICITED.
Write for prices on Surplus Stocks for Immediate Shipment.

Always mention the Florists' Review when writing advertisers.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

—HEADQUARTERS FOR—

Cauliflower and Tripoli Onion Seed (Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

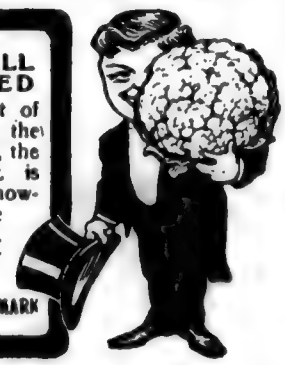
Ask for Our Wholesale Catalogue.

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

CAULIFLOWER SEED

CABBAGE

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.

12 Stormgade, COPENHAGEN

Mention The Review when you write.

Choice Flower Seeds

The very finest strains of **Primula Sinensis, Herbaceous Calceolaria, etc.,** are grown and offered for sale by

H. B. MAY & SONS

UPPER EDMONTON, LONDON, ENGLAND

Price List on application.

Mention The Review when you write.

the seed, so much so that I expect to be sold out long before the season is over.'' Red Globe is $2.25; yellow, $2.75, and white, $3.50.

IMPORTS.

The imports of seeds through the port of New York for the week ending January 4 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto ...	9	$ 121	Hemp ...	200	$ 969
Anise	28	376	L'podium..	5	483
Caraway ..	200	1,477	Millet ...	400	1,084
Celery	233	3,197	Mustard..	71	768
Clover	953	20,690	Poppy ...	1,050	4,571
Cummin ...	404	4,543	Rape	250	1,388
Fennel	10	129	Sug. bt..	2,598	19,571
Fenugreek..	165	778	Other ...	...	30,203
Grass	839	11,826			

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $13,481.

THE catalogues all seem to have covers, all right, even if the lithographers won't work.

CALIFORNIA growers are offering to take contracts for 1907 crop of the Watkins & Simpson set of four sweet pea novelties, recently shown in a color plate by the REVIEW, at $4 per pound.

THERE have been some reappraisements of lily of the valley pips in the New York custom house, shipments from H. Wrede, Hamburg, invoiced at

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9 00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.

Danish Seed

CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.

CABBAGE, White Amager (Stonehead).

Write direct to the grower.

CHRIS. OLSEN, Seed Grower **Odense, Denmark**

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

20 marks having been advanced to 20.90 marks and cases added by the Board of General Appraisers January 3.

IT is noticed in many of the seed catalogues received to date that quite a space is given to photographs of the establishments issuing them.

ONE of the handsomest catalogue covers of the season is that of R. & J. Farquhar & Co., Boston, Incarvillea Delavayi on the front cover and foxgloves on the back, printed in colors by Goffart, in Brussels, Belgium.

A. J. PIETERS, of Hollister, Cal., writes under date of January 2: ''I had expected to leave for the east during December, but the almost continual rains we have had here have made it impossible for me to get away. I hope to leave now about the middle of this month. I presume you know about the heavy storm we had in December, when

Established 1680. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

Mention The Review when you write.

Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

36 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.



Picea Pungens Glauca (Koster), transplanted '05

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nursery.

Mention The Review when you write.



Dreer's Mammoth Verbena.

Dreer's Reliable Flower Seeds

The following short list embraces but a few of the things which should be sown early. **NEW CROPS** are now ready to send out:

	Trade pkt.	Oz.
AGERATUM Blue Perfection	$0.15	$0.50
ALYSSUM Little Gem, extra dwarf	.10	.30
CENTAUREA Gymnocarpa	.15	.35
COBAEA Scandens	.10	.30
DRACAENA Indivisa	.10	.30
GREVILLEA Robusta	.15	.50
LOBELIA Crystal Palace Compacta	.30	1.25
" Speciosa, dark blue trailing	.15	.50
PETUNIA Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed	$1.50 per 1000 seeds	
SALVIA Splendens (Scarlet Sage)	.25	1.00
" Ball of Fire, dwarfest	.50	4.00
" Bonfire, compact	.40	2.25
" Burning Bush	.30	1.50
SMILAX	.10	.30
VINCA, rose, white and white with eye	.15	.50
" mixed	.15	.40
VERBENA, Dreer's Mammoth, extra fine, white, scarlet, pink, purple or striped	.30	1.25
VERBENA, Mammoth, finest mixed	.25	1.00

Our wholesale and Retail Catalogues for 1907 have been mailed to the trade. In case you have not received a copy, let us know, and we will send you another. These catalogues contain the most complete offering of **SEEDS, PLANTS** and **BULBS** in the country. Do not wait until the Spring rush but order **NOW.**

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

in various places between five and eleven inches of rain fell in thirty-six hours. Since that time we have had rains every two or three days, so the planting of seeds has been seriously delayed."

THE Congressional free seed distribution for 1907 has begun.

THE Holland bulb men have invaded the west in full force.

H. N. BRUNS, Chicago, imported 795 cases of valley pips this year.

CHICAGO.—Onion sets are said to be keeping in first-class shape, notwithstanding the unfavorable weather.

THE Soestdyk, from Rotterdam, arriving at New York January 4, brought considerable quantities of Holland grown seeds.

THE wholesale lists received this week are numerous, but in nearly every one some items are either omitted or marked "stock exhausted."

IT appears that it is not the car shortage that is holding back the shipment of sweet corn; the drying and handling is no small task, with labor scarce.

W. W. BARNARD Co., Chicago, reports having booked, as early as December 28, a considerable acreage of peas with farmers in the vicinity of Sturgeon Bay.

IT is stated that one western seed house, catering to market gardeners' trade, requires each year 15,000 pounds of Scarlet Turnip White Tipped radish.

THE Batchelor Seed Store, at Utica, N. Y., has been incorporated with $5,000 capital stock. The directors are Wm. M. Ross and C. F. Saul, of Syracuse, and A. C. Langdon, of Utica.

WILLIAM EMERSON, manager of the Western Seed & Irrigation Co., Fremont, Neb., writes, in renewing his subscription: "I do not know any special news to write you about at present, no more than that we are very busy receiving, cleaning, hand-picking and making ready for shipment just at this time our crops of sweet and field corn. Vine seeds are nearly all in from the growers and shipments nearly completed. We have had quite a number of disappointing crops of vine seeds this fall, but mostly in the line of some varieties of muskmelon and watermelon, which did not become fully matured on account of the unfavorable season."

"THE fact that success in the seed business depends directly on the confidence reposed in a firm by its patrons," say W. W. Rawson & Co., in their market gardeners' list, "was never more surely proven than after our disastrous fire, in which our stock of seed was nearly totally destroyed. The way in which the thousands of our customers stood by us in the midst of our misfortune will ever be a bright spot in the history of our firm. While the fire destroyed the greater part of our stock, we were fortunate in having the seed stock of our most valuable specialties safely stored at our market garden in Arlington."

IT appears that it is Dr. B. T. Galloway's plan to end the free seed distribution by diverting the funds to the original purpose of exploration and the distribution of new plants only.

Seedsmen

We have an opening for order and counter hands who are experienced.

WM. ELLIOTT & SONS
201 Fulton St., NEW YORK

Seedsman Wanted

An inside and outside salesman for market garden trade; splendid opportunity for advancement; state age, experience and salary expected; correspondence strictly confidential. Address

No. 16, care Florists' Review. Chicago.

Thorburn's Seeds

OUR WHOLESALE CATALOGUE

for florists and market gardeners is **NOW READY** and will be sent free to all who ask for it.

NEW CROP

Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. **Compare our prices before ordering elsewhere.**

J. M. THORBURN & CO.
33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.
Rose Growers **WEST GROVE, PA.**

Mention The Review when you write.

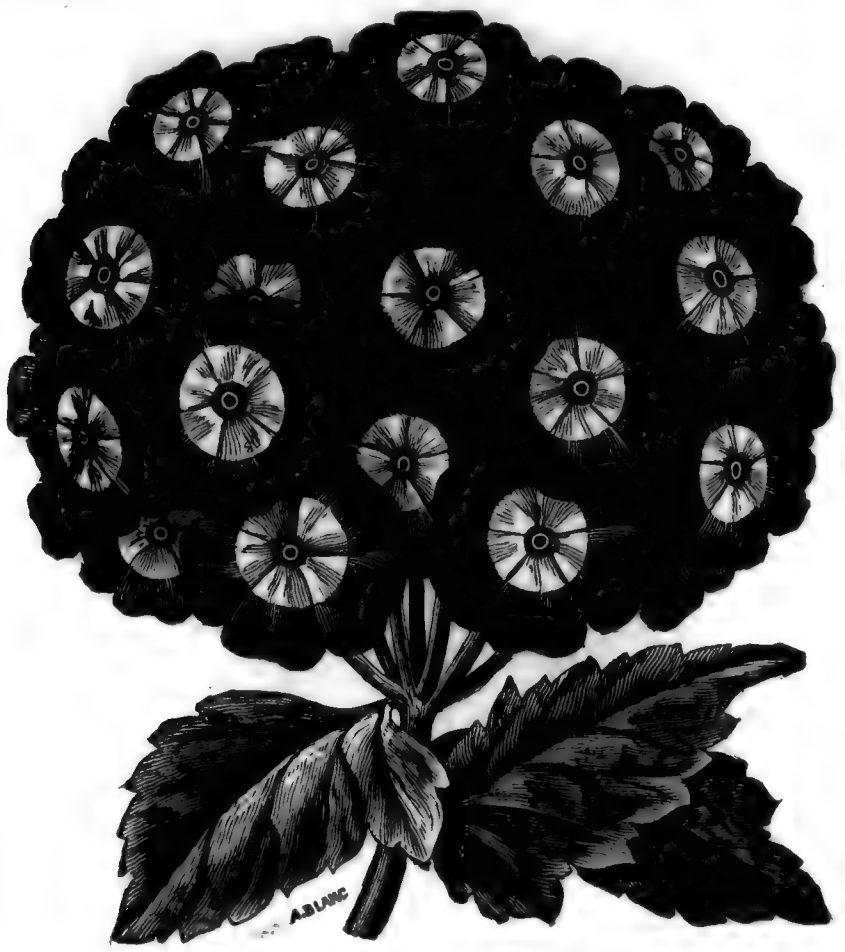
Augusta Gladiolus

First size, 1⅛ and up	$12.00 per 1000
Second size, 1¼-1⅛	8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.

Mention The Review when you write.



Johnson's Giant-Flowering Verbena Seed

Florists and professional gardeners pronounce our strain of **Giant-Flowering Verbenas** the best on the market. The extraordinary size of the flowers, the rich brilliant colors, and the distinctive markings, recommend this superior strain to the most critical growers.

We offer New Crop Seed in Separate Colors as follows: **White, Pink, Scarlet, Purple and Yellow, large trade pkt. (1000 seeds), 25c; 5000 seeds, $1.00; per ounce, $1.25. Giant Brilliant Mixed, large trade pkt. (1000 seeds), 20c; 5000 seeds, 75c; per ounce, $1.00.**

NEW CROP **JOHNSON'S** HIGHEST QUALITY

TESTED FLOWER SEEDS

The seeds herein offered have been selected with the greatest care and can be depended upon to be the **very best procurable. Our Strains of Verbenas, Phlox, Stocks and Petunias are unsurpassed.**

	Trade pkt.	Oz.
Ageratum Blue Perfection, dark blue	$0.15	$0.50
Alyssum, Sweet	.10	.15
" Little Gem or White Carpet	.10	.25
Asparagus Plumosus Nanus (Greenhouse-grown), per 100 seeds, 50c; per 1000 seeds, $4.00.		
Asparagus Sprengeri, per 100 seeds, 15c; 250 seeds, 25c; per 1000 seeds 75c.		
Candytuft Empress, pure white	.10	.20
Carnation Marguerite, choice mixed	.20	.75
Centaurea Gymnocarpa, 1000 seeds, 15c		.35
" Candidissima, 1000 seeds, 25c		1.25
Cobaea Scandens, purple	.10	.25
Cyclamen, English Prize mixed (from show varieties, unsurpassed), per 100 seeds, 75c; per 1000 seeds, $6.00.		
Lobelia Crystal Palace Compacta	.25	1.25
Petunia, Giants of California	.50	
" Johnson's Choice Double Fringed, per 500 seeds, 75c; 1000 seeds, $1.50.		
" Johnson's Giant Single Fringed	.50	
" Dwarf Inimitable (nana compacta) fine for pots	.25	1.25
Phlox Drummondii, dwarf large-flowering, mixed	.30	1.50
" " grandiflora (large-flowering), mixed	.15	.40
Pyrethrum Aureum	.10	.25
Salvia Splendens Bonfire, ¼ lb., $6.00	.30	2.00
" " ¼ lb., $3.00	.20	1.00
Smilax (New Crop), per lb., $2.00; ¼ lb., 60c	.10	.20
Stocks, Dwarf Ten Weeks', separate colors	.25	2.00
" Dwarf large flowering Ten Weeks', mixed	.25	1.75
" Princess Alice (Cut and Come Again)	.30	2.50
Thunbergia, finest mixed	.10	.50

JOHNSON'S KINGLY PRIZE-WINNER PANSIES

are the product of the World's leading Pansy Specialists, and are absolutely unsurpassed in quality by any strain extant. We offer seed as follows: 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; ¼ oz., $1.25; per oz., $5.00.

Send for our new illustrated catalogue just issued.

JOHNSON SEED CO. 217 Market St., Philadelphia, Pa.

Herbert W. Johnson, of the late firm of Johnson & Stokes, President

Mention The Review when you write.

ONION CONTRACTS.

One of the California seed growers announces that he will take onion contracts for 1907 crop, subject to pro rata delivery in event of short crop, at the following prices, net sixty days from date of shipment:

S'hport W. Globe.	$1.35	Phila. S. Skin...	$1.25
S'hport R. Globe.	.85	Wht. Portugal...	1.25
S'hport Y. Globe.	.75	Prizetaker	.70
L. R. W'hersfield	.85	E. E. Red Flat.	.75
Ohio Y. Globe...	.75	Y. G. Danvers...	.65
Y. Strasburg	.50	Y. F. Danvers...	.50
Aust. E. E. Gl..	.65	Australian Brown	.50

Other California growers say they are not yet prepared to set prices for the 1907 crop of onion and several of them are not making the usual eastern contracting trip.

CONDITIONS IN CALIFORNIA.

Lester C. Morse, of C. C. Morse & Co., writes under date San Francisco, December 31, as follows:

"Conditions in California so far are normal. There has been an abundance of rain for the month of December, and while onion bulbs have not all been planted, they are keeping well and will probably soon be in the ground.

"The last season was extremely discouraging, and the returns in the seed business were not commensurate with the risk nor the capital invested. Practically every branch of industry in California has been paying better than the seed business. We think this will mean that the seed growers will be forced to demand better prices another season."

CONTRACT PRICES.

The trade had made up its mind to accept a rise in contract prices for 1907 crop but the rates proposed by some of the California growers are, nevertheless, a surprise. An increase of 2 cents to 4 cents a pound for lettuce, for example, is not considered especially modest, but some growers are giving certain varieties a boost of 7 cents or 8 cents and on one or two sorts considerably more. It looks too strong to many. Again, in the case of onion, if the Southport Globes on contract, f. o. b. in the Santa Clara valley are going to cost in 1907 pretty nearly what they were priced at in the 1905 retail catalogues, there are a good many other places where onion seed is likely to be grown in a small way in competition; good onion seed can be grown in the central states, although smut has been a big factor when it has been tried. There is said to be a pronounced shortage of onion bulbs on the coast, but there are enough in the east so that a good many patches will likely be planted in favorable localities for seed in 1907. With radish the advance is not quite so precipitate and

Tuberous-Rooted Begonias

SINGLE VARIETIES

	1000	100
Del. Pink	$25.00	$2.75
Scarlet	25.00	2.75
Crimson	25.00	2.75
White	25.00	2.75
Yellow	25.00	2.75
Orange	25.00	2.75
Deep Rose	25.00	2.75
Salmon	25.00	2.75
Copper Bronze	25.00	2.75
Finest Mixed to order	25.00	2.75

Single Fringed Begonias

These are rather new, but very handsome.

	Doz.	100
Scarlet	$1.75	$12.50
Rose	1.75	12.50
Salmon	1.75	12.50
White	1.75	12.50
Yellow	1.75	12.50
Orange	1.75	12.50
Mixed of all colors	1.50	10.00

Single Crested Begonias

A most unique form of flower, novel and interesting.

	Each	Doz.
Salmon	$0.25	$2.75
Pink	.25	2.75

Our bulbs come from the best specialist in Europe. **Bulbs are more than first size and sound.**

	Each	Doz.
White	$0.25	$2.75
Yellow	.25	2.75
Copper	.25	2.75
Scarlet	.25	2.75
Mixed of all colors	.20	2.20

DOUBLE VARIETIES

	1000	100
Del. Pink	$34.00	$4.00
Deep Rose	34.00	4.00
Scarlet	34.00	4.00
Crimson	34.00	4.00
White	34.00	4.00
Yellow	34.00	4.00
Orange	34.00	4.00
Copper	34.00	4.00
Finest Mixed to order	34.00	4.00

W. W. RAWSON & CO. Tested Seeds Boston, Mass.

W. W. RAWSON & CO., 5 Union St., Boston, Mass.

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

New Crop Flower Seeds Just Arrived

37 East 19th Street, NEW YORK CITY

Mention The Review when you write.

FLOWER SEEDS

ASTER Queen of the Market
The best variety for early blooming.

	Trade pkt.	Oz.
Dark Blue	20c	60c
Light Blue	20c	60c
Pink	20c	60c
Scarlet	20c	60c
White	20c	60c
Mixed	20c	60c

PHLOX Choice New Crop

	Trade pkt.	Oz.
Drummondii Dwarf Mixed	40c	$1.25
Grandiflora Tall Mixed	20c	.50

For complete list of Phlox, see our wholesale list.

PETUNIA Selected from large, well colored flowers which can be depended upon.

	⅛ trade pkt.	Pkt.
Single Giants of California, in mixture	35c	50c
Single Dwarf Inimitable, in mixture for pots	30c	50c
Single Grandiflora Fringed, dwarf bushy type, mixed	30c	50c

Double Fringed and Hybridized, in mixture, 500 seeds, 75c; $1.50 per 1000 seeds.

Our wholesale price list contains a full list of Petunias.

Write for our special handy combination order sheet and catalogue of flower seeds.

HENRY F. MICHELL CO.
1018 Market St., Philadelphia, Pa.

Mention The Review when you write.

probably is fully warranted by the failure of the French and Michigan crops in 1906. On sweet peas, also, the increase is not attracting the attention it is on onions; on these the prices may be warranted by conditions on the coast, but to the retailer it looks as if the proposed rates are more than the traffic will bear.

THE LAW IN MAINE.

"The state of Maine laws regulating the sale of food, feeding stuffs, agricultural seeds, and commercial fertilizers, are plain, explicit and reasonable," says Chas. D. Woods, director of the State Experiment Station. "There is an evident desire on the part of most dealers to conform to the laws so far as they understand them. Up to the present time, the endeavors of the executive officer of the law have been largely educational. While educational methods will still be used, it may become necessary to use other measures in case there are any who seem unwilling to learn.

"Agricultural seeds must be true to name and carry a guarantee of the percentage of purity. Considerable poor and unguaranteed grass seed was sold in 1906. Such sales must cease.

"The penalty for the violation of the provisions of any of the laws is a fine not exceeding $100 for the first offense and not exceeding $200 for each subsequent offense."

ABOUT SEED PRICES.

The maker of the catalogue of the Forrest Seed Co., Cortland, N. Y., must be a reader of the Seed Trade Department of our esteemed contemporary, the Congressional Record, of Washington, D. C. But he should not believe all that the congressional free-seeders say. This is from the catalogue of the Forrest Seed Co.:

"We have not waited to see what price the combination or other seedsmen were going to give in their catalogues. We can afford to sell our seeds at the prices given in this catalogue, and as long as they last you shall have them, and when they are gone, they will be gone until another crop. We will positively not buy and fill orders with other people's seeds we know nothing about. Do you believe in combinations and trusts? If you do, don't buy Forrest's seeds. He makes his own prices. He does not meet with the other seedsmen and agree on a price."

But on another page we learn that it is not the seed trust but the high rents that govern prices: "So is the day passing when you will stop sending to the large cities, to the men who sit in the ninth story of a ten-story building, writing up and painting pictures of plants and vegetables for their catalogues. We do not give you any colored plates; they cost too much—but we give you value in seed, good, straight, honest seeds, at honest prices. Do you ever think of the enormous expense that the city seedsmen are under? Look at the difference in rents, and other enormous expenses they have compared with ours."

But it is interesting to note that the Forrest Seed Co. asks $2.75 for Southport White Globe onion, and $2.50 for

Carlson's Improved
Aster Seed

Has been the best commercial variety in the Chicago Market for the past three years. No disease. No yellows.

⅛ oz. (trade packet)	$0.25
¼ oz	.45
½ oz	.80
1 oz	1.50

1906 Crop. White, Pink and Lavender

GET THE GENUINE

E. H. HUNT, 76 Wabash Ave. **CHICAGO**

Mention The Review when you write.

LAST CHANCE to Buy Bulbs Cheap

Mixed Double Hyacinths — $1.25 per 100

150	Red
300	Yellow
300	Light
400	Blush
50	Violet
50	White
50	Pink

Mixed Single Hyacinths — $1.25 per 100

300	White
400	Dark Blue
150	Violet
200	Yellow
300	Blush
600	Blue
100	Pink
50	Red

2000 WHITE ROMAN HYACINTHS, $1 per 100

NARCISSI — 50c per 100

150	Double Von Sion
500	Gloriosa (Polyanthus)
200	Paper White (Polyanthus)
150	Sir Watkin
150	Alba Plena Odorata
500	Double Incomparable
400	Orange Phoenix
200	Albus Stella
50	Empress
150	Trumpet Major
100	Double Jonquils

1700	**Single Mixed Tulips** — 50c per 100
250	Prince of Orange — 50c per 100
100	La Reine — 50c per 100
250	Cottage Maid — 50c per 100
500	**Double Mixed Tulips** — 50c per 100
300	Gloria Solus — 50c per 100
200	La Candeur — 50c per 100
500	Mixed Parrot Tulips — 50c per 100
1000	Snowdrop, single — 25c per 100
500	Snowdrop, double — 25c per 100
1000	Anemone, single — 25c per 100
200	Anemone, double — 25c per 100

SCHMIDT & BOTLEY, Springfield, Ohio

Mention The Review when you write.

Dreer's Summer Flowering Bulbs

The Begonias and Gloxinias offered by us are the best that skill and careful selection can produce, being grown for us by one of the most expert European specialists.



TUBEROUS-ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per doz.; $3.00 per 100; $25.00 per 1000.

Choice Single Flowered in Mixture, 35c per doz.; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65c per doz.; $5.00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

New Hybrid Frilled Tuberous Begonias

A most unique form with flowers of immense size, with wavy or frilled petals, similar to the best forms of single petunias, 25c each; $2.50 per doz.; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 60c per doz.; $4.00 per 100; $35.00 per 1000.

FANCY-LEAVED CALADIUMS

A choice selection of 25 distinct named varieties, fine large bulbs, $1.50 per doz.; $10.00 per 100. Choice mixed varieties, $1.25 per doz.; $8.00 per 100.

Our quarterly Wholesale List offers a full line of Seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

Vick's Aster Seed

THE BEST IN THE WORLD

FINE NEW VARIETIES FOR 1907

Did you see our adv. in Christmas Number of the FLORISTS' REVIEW? Look it up. It is worth reading.

JAMES VICK'S SONS
ROCHESTER, N. Y.

THE LEADING SPECIALISTS AND LARGEST GROWERS OF HIGH-GRADE ASTERS IN THE WORLD.

Mention The Review when you write.

New Crop Flower Seeds

Just received new crop stocks in fine condition.

SALVIA BONFIRE—My own growing, **Celebrated Floracroft Strain,** trade pkt., 30c; per oz., $2.00.

VERBENA—(Mammoth), white, scarlet, purple, pink, mixed, trade pkt., 30c; per oz., $1.25.

PHLOX DRUMMONDII GRANDIFLORA—In separate colors, trade pkt., 20c; per oz., 75c. **Dwarf Compact,** Snowball and Fireball, trade pkt., 30c; per oz., $1.50.

ASTERS—Finest sorts, many of my own growing.

ANTIRRHINUM—(Snapdragon), giant white, garnet, pink, scarlet, striped, yellow, mixed, tr. pkt., 20c; per oz., 60c.

My 1907 Market Gardeners' and Florists' Catalogues, also my **General Retail Seed Catalogue** for 1907, are now ready for distribution.

See my new **"STOKES' STANDARD"** way of selling vegetable seeds. **It is different.**

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

Yellow Globe, which looks a little as though supply and demand had a little influence on prices, even in the village of Cortland.

CATALOGUES RECEIVED.

[All catalogues are filed by The Review and are accessible to the trade for reference at any time. Following are the latest arrivals.]

Forrest Seed Co., Cortland, N. Y., annual seed catalogue; California Nursery Co., Niles, Cal., nursery stock; Haskell Avenue Floral Co., Dallas, Tex., roses and plants; W. W. Rawson & Co., Boston, Mass., seeds and plants, also special price-list for market gardeners; R. & J. Farquhar & Co., Boston, Mass., garden annual for 1907; Waldo Rohnert, Gilroy, Cal., contract offer order sheet for crop of 1907; Wm. Henry Maule, Philadelphia, Pa., general catalogue; E. Y. Teas Co., Centerville, Ind., wholesale nursery price-list; Bromfield-Colvin-Rice Co., Bay City, Mich., wholesale price-list; Kramer Bros. Foundry Co., Dayton, O., iron vases, settees and chairs; J. M. Thorburn & Co., New York, seed catalogue, also wholesale price-list of seeds; L. L. Olds Seed Co., Clinton, Wis., catalogue for 1907; Iowa Seed Co., catalogue for 1907; Arthur T. Boddington, New York,

Aster Seeds

Now is your opportunity to get

Strictly Fresh and True to Color Seeds

AT VERY LOW PRICES

	¼ oz.	1 oz.
Vick's Daybreak	$0.35	$1.25
Vick's Branching, white, pink, bright rose, purple	.20	.75
Dreer's Branching, shell pink, lavender	.20	.75
Carlson's Branching, shell pink	1.00	2.50
Kate Lock Branching, white and Daybreak	.30	1.00
Vick's Early Snowdrift, white	1.50	5.00
Queen of Market, light pink	.15	.50

SPECIAL PRICES ON LARGE QUANTITY

See Bargain List of Cannas in Last Issue

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.



We made this halftone from a **Wash Drawing.** One of the many we are turning out for 1907 **Seed Catalogues.** Our artists are the best in the United States on flower and vegetable drawing. We make a specialty of **Cuts For Seedsmen.** All processes. Quick work if necessary. Satisfaction guaranteed.

CRESCENT ENGRAVING CO.

341-349 Clark Street, CHICAGO

Mention The Review when you write.

general catalogue for 1907; S. Wilks Mfg. Co., Chicago, price-list of water heaters, etc.; Johnson Seed Co., Philadelphia, Pa., general catalogues for 1907.

Calendars Received.

Attractive calendars have been sent to the Review by L. A. Spoden, Erie, Pa.; the Barteldes Seed Co., Oklahoma City, Okla., a twin sister of the lady of 1906; the Superior Machine & Boiler Works, Chicago.

ROMAN HYACINTHS.

Roman hyacinths have been strongly in evidence in the Covent Garden market, London, for some weeks and a good business has been done, considering the heavy quantities on the market. This is, in a great measure, due to the action of the bulb growers' combine in the French hyacinth districts, forcing up the price of bulbs for the last four years or so, making them quite prohibitive to the ordinary grower. It might have been plain to the French growers, at the outset, that such a holding up of prices and consequent holding of stock could not last and would do them no good, but simply load them with unsold stock. The result is as might be expected. Prices last year for best bulbs were in some cases low, one grower securing a first-sized lot of 70,000 as low as 28 shillings per thousand, against as much as 84 shillings in previous years.

In one way, good has been done, as during the time of these high prices for bulbs few, if any, blooms of Romans were ever seen on our markets, giving the public an entire change from this particular flower, of which they had had, for a long time, an over-supply. This year, the bulbs being comparatively cheap last fall, growers have utilized them in large lots and they have come into the markets, meeting a fresh and healthy demand, which has rapidly cleared the supplies at profitable prices.

J. B.

Lancaster, Pa.—B. K. Denlinger has retired from the business and has been succeeded by Harry W. Denlinger.

Gorham, Me.—Nathaniel Hannaford says there has been more of a demand for flowers than could be supplied. Prices are high, especially on carnations. Plants are making good growth, but do not flower.

Dayton, O.—Warren G. Matthews, of the Dayton Floral Co., reports Christmas trade this season the best ever. There was a great call for choice potted plants. Holly was in demand, but of poor quality.

Montgomery, Ala. — The Riverside Co. has been incorporated by William B. Marks, H. C. Borden and Paul T. Sayre to conduct a dairy, engage in market gardening, fruit-raising, etc. Capital stock is $25,000.

Short Hills, N. J.—The firm of Anderson & Christensen has dissolved partnership, J. F. Anderson having purchased the interest of Thomas P. Christensen. The houses are all stocked with good, salable plants in first-class condition.

Olney, Ill.—The Wilson Floral Co. has purchased Mrs. Stauffer's greenhouse and added the same to its plant. This company has now about 14,000 feet of glass and grows lettuce, carnations and general stock.

HIGH-GRADE VALLEY

EARLY GIANT FORCING

The finest Valley on the market. Every pip bears a long, strong stalk with twelve to sixteen large bells. Per 100, $1.50; per 1000, $14.00; per case of 2,500, $34.50.

CURRIE BROS. CO. 312 Broadway, **Milwaukee, Wis.**

Mention The Review when you write.

The BEST VALLEY Pips in America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of Forcing Pips at $1.50 per 100; $12.00 per 1000.

Return at our expense if not satisfactory on arrival. We ship all over the U. S., and supply all the year around.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, **BERLIN, N. Y.**

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

Mention The Review when you write.

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr. pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made this fall or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. **ATCO, N. J.**

Always mention the Florists' Review when writing advertisers.

XXXSEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, good per cent of new Sicily, 1000 seeds, 50c.
Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots, finest to be had, 1000 seeds, 25c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Salvia Bonfire. Finest variety grown, brilliant scarlet and compacta, 1000 seeds, 40c.
Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ½ pkt., 50c.

Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Always Mention the....

Florists' Review

When Writing Advertisers.

EDWARD REID

WHOLESALE FLORIST

1526 Ranstead St., PHILADELPHIA

THE CHOICEST

Mid-winter Flowers

Of all the Standard Varieties in any quantity.

GARDENIAS, Choice Flowers, in quantity.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.

222 Oliver Avenue, PITTSBURG, PA.

Rhinebeck Violets, Fancy Roses, Fancy Carnations

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Jan. 9.

	Per doz.
Beauties, Specials	$7.50 to $9.00
" Extra	6.00
" Medium	3.00 to 5.00
" Short	1.50 to 2.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " Select	$ 8.00 to 12.00
" " Ordinary	4.00 to 6.00
Richmond, Liberty, Fancy	25.00 to 35.00
" Select	12.00 to 18.00
" Ordinary	4.00 to 8.00
Killarney, Chatenay, Select	12.00 to 15.00
" " Ordinary	6.00 to 10.00
Golden Gate, Select	12.00 to 15.00
" " Ordinary	6.00 to 10.00
Carnations, Fancy	6.00 to 8.00
" Select	4.00 to 5.00
" Ordinary	2.00 to 3.00
Harrisii Lilies	15.00 to 18.00
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch....50c	
" Sprengeri, bunch...50c	
Smilax	12.50 to 15.00
Valley	4.00 to 5.00
Cattleya Trianæ	60.00 to 75.00
Cypripediums	12.50 to 15.00
Callas	10.00 to 12.50
Violets Single	.75 to 1.00
" Double	1.00 to 1.50
" White	2.00
Laelia Anceps alba	60.00 to 75.00
Gardenias	40.00 to 50.00
Bouvardia	4.00 to 5.00
Pansies	.75
Snapdragon	4.00 to 5.00
Sweet Peas	1.00 to 1.50
Daisies, White and Yellow	1.00 to 2.00
Stevia	1.00
Roman Hyacinths	1.00 to 3.00
Paper White Narcissus	2.00 to 3.00
Poinsettias, Fancy	25.00 to 35.00
" Ordinary	12.50 to 20.00
Mignonette, Fancy	6.00 to 8.00
" Ordinary	4.00
Trumpet Major	5.00
White Lilacs.....per bunch	1.00
Freesias	3.00 to 4.00
Campernelles	3.00

Cleveland, Jan. 9.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00
	Per 100
Kaiserins	$ 4.00 to $ 6.00
Brides and Bridesmaids	2.00 to 15.00
Carnations	3.00 to 6.00
Violets	1.00 to 1.50
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

ONE insertion of our advertisement in the REVIEW sold all the cinerarias we had ready.—RAY H. PALMER, Randolph, N. Y.

WE want to thank you for the benefit received from our small advertisement in the REVIEW. It brought results all right; inquiries and orders from all over the country. We are filling one order now from New Orleans.—S. HUTH, Cuyahoga Falls, O.

W. E. McKISSICK, Wholesale Florist

1221 FILBERT STREET, PHILADELPHIA

Fancy Mignonette and Easter Lilies

Mention The Review when you write.

EUGENE BERNHEIMER Choice Flowers, Leucothoe Sprays, Selected Galax, $7 50 per case.

WHOLESALE FLORIST

11 SOUTH 16TH STREET, PHILADELPHIA, PA.

Mention The Review when you write.

VIOLETS ASPARAGUS CARNATIONS

BERGER BROS., Wholesale Florists, 1237 Filbert St. Philadelphia

Mention The Review when you write.

A Good Opening for a first-rate carnation grower.

WILLIAM J. MOORE, Wholesale Florist, 1237 Filbert St., Philadelphia.

Mention The Review when you write.

Pittsburg Florists' Exchange

15 DIAMOND SQUARE

217-223 DIAMOND STREET

All Cut Flowers and Florists' Supplies

Mention The Review when you write.

J. B. Murdoch & Co.

WHOLESALE FLORISTS

FLORISTS' SUPPLIES

545 Liberty Ave., PITTSBURG, PA.

Mention The Review when you write.

ROSES and CARNATIONS

FANCY FERNS and GALAX—High-Grade Stock

Orders filled satisfactorily.

Detroit Cut Flower Supply House

Wholesale Commission Florist. H. V. Pearce, Prop.

6 Adams Ave. West, Detroit, Mich.

Home Phone 164. Bell, Main 974.

Mention The Review when you write.

WILLIAM J. BAKER

CARNATIONS, PAPER WHITES, DAFFODILS and SMILAX.

WHOLESALE FLORIST

1432 So. Penn Square, PHILADELPHIA, PA.

Mention The Review when you write.

The PHILADELPHIA CUT FLOWER CO.

WHOLESALE FLORISTS

Store opens 7 a. m., closes 8 p. m.

1516 and 1518 Sansom Street, PHILADELPHIA

Mention The Review when you write.

PANDANUS VEITCHII

In all sizes, from $1.00 to $3.50 each.

FINE STOCK.

J. W. YOUNG,

GERMANTOWN, PHILADELPHIA, PA.

Mention The Review when you write.

CHAS. D. BALL

GROWER OF

PALMS, ETC.

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

MONTGOMERY'S book on Grafted Roses sent by the REVIEW for 25 cents.

YOU may get along without your prayer-book, but a florist cannot get along without the REVIEW.—THOS. PEPPERDINE, Coatsworth, Ill.

I WATCH for the coming of the REVIEW each week and certainly get much pleasure and profit from reading it.—E. P. HILL, Shelbyville, Ky.

Charles Millang

50 W. 29th St. New York

We are HEADQUARTERS FOR EVERY KIND of Cut Flowers in THEIR SEASON

OUT-OF-TOWN FLORISTS promptly attended to. Telephone for what you want.

Reasonable Prices, Square Dealing. Tel. 3860, 3861 Madison Square.

FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

44 W. 28th Street, NEW YORK

Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

THOMAS YOUNG

Wholesale Florist

43 West 28th St., NEW YORK

Receiver and Shipper of Cut Flowers. Consignments Solicited.

HEADQUARTERS FOR NOVELTIES

ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

JAMES McMANUS, Tel. 759 Mad. Sq. 42 W. 28th St., New York

WHOLESALE COMMISSION DEALER.

CUT FLOWERS

Consignments Solicited

Tel. 167 Madison Square.

ESTABLISHED 1887.

J. K. ALLEN,

Room for a few more first-class growers of American Beauties Violets and Carnations.

Roses, Violets, Carnations, Cattleyas, Cyps., Narcissus.

Open 6 a. m.

106 W. 28th St., NEW YORK

GEO. SALTFORD

WHOLESALE FLORIST

46 W. 29th St., NEW YORK CITY

Telephone No. 3393 Madison Square.

CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

Mention The Review when you write.

BONNOT BROS.

WHOLESALE FLORISTS

55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK

OPEN ALL DAY

An Unexcelled Outlet for CONSIGNED FLOWERS

Telephone No. 830 Madison Sq.

Mention The Review when you write.

JOHN YOUNG

Wholesale Florist

51 W. 28th Street, NEW YORK

Telephones—4463-4464 MADISON.

Mention The Review when you write.

WALTER F. SHERIDAN

Wholesale Commission Dealer in

CUT FLOWERS

39 W. 28th St, NEW YORK

(Established 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

Mention The Review when you write.

Reed & Keller

122 W. 25th St., New York

FLORISTS' SUPPLIES

We manufacture all our METAL DESIGNS, BASKETS, WIRE WORK and NOVELTIES and are dealers in Glassware, Decorative Greens and all Florists' requisites.

Mention The Review when you write.

The Limprecht Florist Supply Co.

119 W. 30th Street, NEW YORK

Telephone, 1438 Madison Square.

General Florists' Supplies and All Kinds of Greens for Decorating Purposes.

Mention The Review when you write.

Wholesale Cut Flower Prices.

New York, Jan. 7.

	Per 100	
Beauties, Specials	$50.00 to	$60.00
" Fancy	25.00 to	40.00
" Extra	15.00 to	20.00
" No. 1	8.00 to	10.00
" No. 2	5.00 to	6.00
" Shorts	2.00 to	4.00
Brides and Maids, Special	10.00 to	12.00
" " Extra	8.00 to	10.00
" " No. 1	3.00 to	5.00
" " No. 2	2.00 to	3.00
Golden Gate, Chatenay	3.00 to	10.00
Killarney	3.00 to	10.00
Richmond	5.00 to	20.00
Orchids, Cattleyas	40.00 to	60.00
Cypripediums	10.00 to	12.00
Gardenias	40.00 to	75.00
Carnations, Common	1.00 to	2.00
" Selects	2.00 to	4.00
" Fancies and novelties	5.00 to	10.00
Violets	.40 to	1.00
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	8.00 to	15.00
Lilies	10.00 to	12.00
Lily of the Valley	2.00 to	14.00
Smilax	8.00 to	12.00
Paper Whites	1.00 to	1.50
Callas	8.00 to	12.00
Hyacinths	1.00 to	1.50

THE REVIEW is the florists' best paper. —L. J. BROSEMER, Oswego, N. Y.

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Telephone, 3864 Madison Square.

Violets Roses and Carnations

Mention The Review when you write.

Gunther Bros.

30 West 29th Street,

Phone, 551 Madison Square, NEW YORK

Violets, Roses, Carnations, Orchids.

Established 1868.

GROWERS—Important—Special advantages for you this season. Write or see us.

Mention The Review when you write.

FOLEY'S FLORAL FOTOGRAPHS

FLORAL ALBUM, size 12x11, containing 24 different funeral designs. by express, $5.00 C. O. D.

226-228½ BOWERY, NEW YORK

Mention The Review when you write.

ESTABLISHED 1872

PERKINS & SCHUMANN

Wholesale Commission Florists

57 West 26th Street, Cor. 6th Ave. NEW YORK

Tel. No. 1009 Madison Square

Headquarters now in the Coogan Bldg.

in close touch with the market.

Best Facilities and Accommodations

for growers in the city.

Orchids, mums, asparagus, smilax; all kinds of cut flowers in their season. On the ground floor; convenient for our customers.

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Wholesale Cut Flower Prices.

Chicago, Jan. 9.

	Per doz.
Beauties, long stems	$ 6.00 to $ 8.00
" 30-inch stems	4.00 to 5.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75
	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	6.00 to 8.00
Brides, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
Richmond, Specials	15.00 to 25.00
" Firsts	6.00 to 12.00
Liberty	6.00 to 25.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Killarney	8.00 to 25.00
Uncle John	6.00 to 12.00
Perle	6.00 to 12.00
Chatenay	6.00 to 15.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00 to 6.00
Violets, double	1.00
" single	.75 to 1.00
Cattleyas..per doz., $6.00 to $9.00	
Dendrobium—	
Formosum....doz., $3.00 to $5.00	
Cypripediums...doz., $2.00 to $3.00	
Harrisii	15.00 to 18.00
Callas	12.00 to 15.00
Valley	2.00 to 5.00
Jonquils	4.00 to 5.00
Tulips	4.00 to 5.00
Sweet Peas	1.00 to 1.50
Bouvardia	2.00 to 6.00
Paper Whites, Romans	3.00
Stevia	1.50 to 2.00
Mignonette	6.00 to 8.00
Asparagus, Strings	50.00 to 60.00
" Sprays, per bunch....75c	
" Sprengeri, " 25-35c	
Ferns.....per 1000, $2.50	.25
Galax.....per 1000, $1.00 to 1.50	.15
Adiantum Cuneatum	1.00
" Croweanum	1.50
Smilax.....per doz., $1.50 to $2.00	12.00 to 15.00

Buffalo, Jan. 9.

	Per doz.
Beauties, Specials	$10.00
" Fancy	7.00
" Extra	5.00
" First	4.00
	Per 100
Brides and Maids, Extra	$15.00 to $18.00
" " No. 1	10.00 to 15.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 20.00
Golden Gate	5.00 to 15.00
Kaiserin	6.00 to 10.00
Perle	5.00 to 10.00
Carnations	2.00 to 6.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	1.00 to 1.50
Stevia	1.00 to 1.25
Romans and Narcissi	2.50 to 3.50

Milwaukee, Jan. 9.

	Per 100
Beauties, Medium	$15.00 to $18.00
" Shorts	6.50 to 10.00
Bride and Bridesmaid	6.00 to 12.00
Golden Gate, Chatenay	6.00 to 12.00
Richmond	8.00 to 12.00
Perle	6.00 to 10.00
Carnations	3.00 to 6.00
Valley	3.00
Stevia	3.00
Violets	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00
Paper Whites, Romans	3.00
Callas	18.00
Trumpet Major	3.00

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	Per 100.	
Beauties Extra	$40.00 to	$50.00
" No. 1	20.00 to	30.00
" Shorts	10.00 to	15.00
Brides and Maids, Extra		10.00
" " No. 1		8.00
" " No. 2		4.00
Golden Gate	4.00 to	10.00
Kaiserin	4.00 to	10.00
Liberty	6.00 to	20.00
Meteor	4.00 to	10.00
Perle and Sunrise	3.00 to	8.00
Carnations	2.00 to	8.00
Chrysanthemums	10.00 to	25.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	2.00 to	4.00
" Sprengeri, "	2.00 to	3.00
Lilium Harrisii	12.50 to	15.00
Smilax	12.50 to	15.00
Lily of the Valley	3.00 to	5.00
Callas	8.00 to	12.50
Adiantum	.75 to	1.50
Violets	.75 to	2 00
Baby Primroses	.35 to	.50
Paper Whites	3.00 to	4.00

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Wholesale Cut Flower Prices.

St. Louis, Jan. 9.

	Per doz.	
Beauties, Specials	$ 6.00 to	$8.00
" Extra	2.00 to	4.00
" Shorts	.60 to	1.00
	Per 100	
Brides and Maids, Specials	$ 6.00 to	$ 8.00
" " No. 1	3.00 to	5.00
Golden Gate	5.00 to	10.00
Richmond	5.00 to	18.00
Carnot	5.00 to	18.00
Carnations, Common	1.50 to	2.00
" Fancies	4.00 to	5.00
Adiantum	1.00 to	1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	3.00
Lily of the Valley	3.00 to	5.00
Smilax	12.50 to	15.00
Violets	.25 to	.50
Paper Whites	2.00 to	3.00
Romans	.00 to	3.00

Pittsburg, Jan. 9.

	Per doz.	
Beauties, Specials	$ 6.00 to	$ 7.50
" Fancy	4.00 to	5.00
" Medium	2.00 to	3.00
" Short	.75 to	1.00
	Per 100	
Brides and Bridesmaids, Fancy		$15.00
" " Medium	$10.00 to	12.00
" " Short	4.00 to	6.00
Richmond, Specials		20.00
" Select		15.00
" Ordinary	6.00 to	10.00
Killarney	8.00 to	20.00
Chatenay	8.00 to	15.00
Perle	4.00 to	10.00
Bon Silene	4.00 to	6 00
Cusin	4.00 to	10.00
Carnations, Ordinary	2.00 to	3.00
" Fancy	4 00 to	6.00
Adiantum	1.00 to	1.50
Asparagus Plumosus, Strings	30.00 to	50.00
" Sprays, bunch, 40c-50c		
" Sprengeri, b'h, 40c-50c		
Smilax	12.50 to	15.00
Valley	3.00 to	4.00
Violets, double	.75 to	1.50
Paper Whites		3.00
Roman Hyacinths	1.00 to	4.00
Freesias		4.00
Tulips	3.00 to	4.00
Cypripediums		15.00

Wholesale Cut Flower Prices.

Boston, Jan. 9.

	Per 100.	
Beauties, Specials	$50.00 to	$80.00
" Extra	20.00 to	40.00
" Short Stems	6.00 to	20.00
Brides, Specials	8.00 to	12.00
" Seconds	3.00 to	5.00
Bridesmaids, Specials	8.00 to	12.00
" Seconds	4.00 to	6.00
Chatenay	4.00 to	15.00
Wellesley, Killarney	4.00 to	16.00
Liberty, Richmond	6.00 to	25.00
Carnations, Special	5.00 to	6.00
" Select	3.00 to	4.00
" Ordinary		2.50
Lily of the Valley	3.00 to	4.00
Asparagus Plumosus, Strings	30.00 to	50.00
" " Sprays, bunches	25.00 to	50,00
" Sprengeri, bunches		25.00
Smilax	10.00 to	12.00
Harrisii	12.00 to	16.00
Violets	.75 to	1.00
Cattleyas	40.00 to	50.00
Cypripediums		12.00
Callas		12.00
Antirrhinum	3.00 to	4.00
Sweet Peas	1.00 to	1.50
Mignonette	2.00 to	4.00
Paper Whites, Romans	2.00 to	2.50
Tulips	2.00 to	3.00
Daffodils	3.00 to	4.00
Freesias	3 00 to	6.00

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Fulton St. and Greene Ave. Telephones, Prospect 2840 and 4065 **BROOKLYN, N. Y.**

MYER 609-611 Madison Avenue New York

Long Distance Phone, 5297 Plaza.

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

...THE...

CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

J. J. BENEKE

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MINNEAPOLIS, MINN.

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CLARKE BROS., 289 Morrison St.

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119 No. 16th Street. OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Always mention the Florists' Review when writing advertisers.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

BATAVIA, ILL.

The Batavia Greenhouses, of which Henry Wenberg and Charles Johnson are proprietors and managers, is well established and is doing a flourishing business. The greenhouses, which are centrally located, are four in number, with about 15,000 feet of glass, and are of modern construction. A hot water system heats the plant. They do a wholesale and retail business, and much of their product reaches the Chicago market.

There is also a nursery which comprises four acres of land, about one-third being planted to peonies. The balance is planted to fruit and shade trees, lilacs and shrubbery.

PORTSMOUTH, O. — The Herms Floral Co. lost what remained of its store stock by frost on Christmas night and at the same time the pump gave way at the greenhouses, resulting in considerable loss by frost.

S. MASUR

FLORIST
238 Fulton St.
Near Clark St.
Tel. 334 Main

Brooklyn, N. Y.

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph
All orders given prompt attention.

STEAMER SAILINGS.

Travel to Mediterranean and other southern ports begins with real winter. Compared to summer sailings it amounts to little for the florists, but it is nevertheless worth while to occasionally remind the public of your facilities for delivering flowers at distant points on short notice. Here are principal sailings:

Steamer—	From—	To—	Sails.
Canopic	Boston	Egypt	Jan. 12
K. Albert	New York	Naples	Jan. 12
Celtic	New York	Egypt	Jan. 19
P. Irene	New York	Naples	Jan. 19
Saxonia	Boston	Liverpool	Jan. 22
Kaiser	New York	Naples	Jan. 26
Moltke	New York	Naples	Jan. 29
Republic	Boston	Egypt	Feb. 2
Neckar	New York	Naples	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
K. Louise	New York	Naples	Feb. 9
Cedric	New York	Egypt	Feb. 16
Hamburg	New York	Naples	Feb. 19
Caronia	New York	Naples	Feb. 19
Canopic	Boston	Egypt	Feb. 23
K. Albert	New York	Naples	Feb. 23
Ivernia	Boston	Liverpool	Mar. 5
Pannonia	New York	Naples	Mar. 12
Republic	Boston	Egypt	Mar. 16
Carpathia	New York	Naples	Mar. 26
Slavonia	New York	Naples	Apr. 9
Canopic	Boston	Egypt	Apr. 10
P. V. Louise	New York	Naples	Apr. 11

ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held January 4, when the following officers were installed: President, W. J. Bennett; vice-president, Arthur T. Caparn; secretary, Henry Halbig; treasurer, William Reid. The reports for the year were read and the distribution of awards for the monthly floral display was made, consisting of seven silver cups. The Julius Roehrs Co. exhibited some remarkably long stemmed valleys, measuring nineteen inches from base of stalk to the top of the flowers, and Thomas Jones, of Short Hills, a white cattleya orchid. J. B. D.

ONEIDA, N. Y.—Eugene Haenlin, who has had charge of C. Will Chappell's greenhouses, has resigned and will open a greenhouse of his own in this place.

PACIFIC COAST.

San Bernardino, Cal.—J. H. Cox has succeeded to the business of the Downer Seed & Plant Co.

Santa Cruz, Cal.—The Leedham Bulb Co. recently received a large shipment of bulbs from Europe, valued at $2,000.

San Jose, Cal.—Mr. C. Navlet, the florist, was married recently, the bride being a young lady of Tres Pinos. The ceremony was performed in Santa Cruz.

George Compere has brought a new colony of parasites from China, to be bred by the California State Horticultural Commission, at San Diego, and distributed in orange orchards infested with purple scale.

PORTLAND, ORE.

The Holiday Trade.

Our predictions of a big holiday trade were fully realized. We have visited all the retail stores and found the verdict unanimous that Christmas trade beat all previous records by at least twenty per cent. Preparations for this great event seem to begin earlier every year, and, judging from the long hours of hard work for two weeks preceding, we doubt if the great volume of business just handled can be exceeded in coming years. Even the weather, wet and disagreeable in the extreme, did not dampen the ardor of the public. Flowering plants and basket arrangements were the best and most numerous ever seen here and were our salvation. Those ranking first were a splendid lot of azaleas, poinsettias, Lorraine begonias and pans of daffodils which commanded a most profitable figure. The poinsettia is preëminently taking here, owing to its brilliant color. After the stampede there were barely enough plants left in all the stores to form a suggestive trade-mark.

The cut flower department made a complete surrender and our only regret is that we did not have a few thousand more carnations. Roses were superior to those of last year, notwithstanding four weeks of unfavorable weather. A few hundred late chrysanthemums sold from 50 cents to $1 each. Violets and cut poinsettias were scarce, as none were shipped in from California. So great was the demand for everything that half the forces were obliged to work all Monday night putting up orders and arranging the stock for the grand finale.

Very little profit was made by the retailers on holly and mistletoe, owing to the scarcity and poor quality of the former and a monopoly of the latter by the street venders.

Another heavy demand for cut flowers was made on New Year's and there were none left unsold. Between the Christmas and New Year festivities there was a good call for funeral work, allowing us little time to recruit our lost vitality. It was the crowning effort of our lives and we are still feeling the effects of it.

H. J. M.

SAN FRANCISCO.

The Market.

Now that both the principal holidays of the season are past and gone we can form a fair estimate of the business done and compare it with that of former years. Although this is the first season we have had since the fire and there are not over one-quarter as many stores in town as there were a year ago, the florists were well satisfied with the results. Both days showed a good demand for all classes of stock and, except in rare instances, there was ample to supply all demands.

The heaviest business was done on the days prior to Christmas and stock was well cleaned up; so that there was really a shortage between then and New Year's. Prices were good throughout and any one having anything to sell had no difficulty in disposing of it. There was some shortage of poinsettias, both cut and grown in pots. The continued cold weather in the southern portion of the state had much to do with the scarcity of cut stems and the dealers who had good quantities on hand reaped a harvest.

With carnations and roses the supply was just about equal to the demand. Valley was in fair quantity and had a rapid sale. Roman hyacinths were not as plentiful as formerly and but little show was made of azaleas, camelias or other flowering plants.

Both maidenhair and smilax are scarce at present. Many of our largest growers have made but little effort since the fire to keep up stocks of either of these commodities and, as a consequence, there has been a shortage with no immediate signs of easing for some time to come.

WELL ROOTED CARNATION CUTTINGS

SPECIAL—Are you going to plant **Enchantress** heavily this season? We are prepared to supply an almost unlimited demand. 50,000 well rooted cuttings ready now at $1.60 per 100; $15.00 per 1000.

	Per 100	Per 1000
WHITE		
White Lawson	$2.00	$15.00
Gov. Wolcott	1.40	10.00
Flora Hill	1.40	10.00
Queen Louise	1.20	10.00
SCARLET—Estelle	1.60	15.00
G. H. Crane	1.40	10.00
America	1.40	10.00
Red Lawson	1.60	12.50
YELLOW—Eldorado	1.40	10.00
PINK—Hannah Hobart (novelty 1906, Sievers)	$7.50	$60.00
Mrs. Lawson	1.40	10.00
G. Lord	1.40	10.00
Argyle	1.20	
Mrs. Joost	1.20	10.00
CRIMSON—Harlowarden	1.40	12.50
Gov. Roosevelt	1.40	12.50
VARIEGATED Lawson	1.60	15.00
Prosperity	1.40	12.50
Gaiety	1.20	10.00

Ready to ship at once. Cash with special discount of 5 per cent or C. O. D. privilege examination. Money back guarantee. We pay return charges on all shipments arriving in an unsatisfactory condition if returned at once. Express charges paid by us on all orders. No disease of any description. Unrooted cuttings half price.
25 cuttings at 100 rate; 200 at 1000 rate.

LOOMIS FLORAL CO., LOCK BOX 153, Loomis, Cal.

Mention The Review when you write.

ROSE MISS KATE MOULTON

With us is splendid in growth, flower, foliage, productiveness. We will book orders in rotation for early spring delivery from 2½ and 3-inch pots. **Prices, $12.00 per 100; $50.00 per 500; $100.00 per 1000.** Our propagating capacity is limited. Apply early if you want healthy, well grown stock.

THE SIBSON ROSE NURSERIES, CUT FLOWER DEPARTMENT
1180 MILWAUKIE AVE., PORTLAND, ORE.

Mention The Review when you write.

ROSES=ROSES

Two-year-old, budded field-grown without irrigation. **American Beauty, Meteor, Bride, Bridesmaid, $9.00 per 100.** Send for list of other varieties.

SUNSET NURSERY, 1506 Dwight Way, Berkeley, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.
American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.
Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.
205 N. Broadway, LOS ANGELES, CAL.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.
Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $2.00 per 100.
Cyclamen Per. Giganteum, 2-in., $5.00 per 100.
The following from 2-inch at $2 00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).
Smilax, 2½-in., $2.00 per 100.
Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.
Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.
Champion Strain—After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.
Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

500,000 ROOTED CARNATION CUTTINGS

FOR IMMEDIATE SHIPMENT, WITH MORE COMING.

HANNAH HOBART, BEST DARK PINK on the market; $7.50 per 100; **JNO. H. SIEVERS & CO., 1906,** $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....

	Per 100	Per 1000
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

Not less than 25 cuttings will be sold at 100 rate and not less than 200 at 1000 rate. 5 per cent discount will be allowed for cash with order or will ship C. O. D. with privilege of examination. Express charges prepaid by us on all orders for cuttings. All cuttings sold by us under expressed condition that if not found satisfactory when received, they are to be returned at once at our expense when money will be refunded on cash orders.

Loomis Carnation Co., Loomis, Cal.

Various Notes.

S. T. Marshall, of the Fresno nurseries, is in town on a few days' visit.

Serveau Bros. are in line with a heavy stock of small flowering stuff for the spring trade. They report a heavy holiday trade in all lines.

J. D. Case is down on a visit from Oregon. He will remain in San Francisco until February 1.

A regular meeting of the Society Hortensia was held at the residence of H. Gresens in Alameda January 5. The proposition of holding a spring flower show was discussed and will be decided by a committee.

The Eureka Wire Works is located permanently with the Piedmont Floral & Seed Co. on San Pablo avenue, Oakland.

The California Nursery Co., of Niles, Cal., has opened a sales yard in Los Angeles for the season.

Schwerin Bros. have had splendid success with their crop of valley, having probably the largest cut in the city for Christmas.

Charles Stappenbach reports a heavy holiday trade. He had much difficulty in filling orders for long-stemmed Beauty for Christmas.

From present indications there will be but little in the line of violets to sell this season, except the Princess violet. The demand for the double varieties is not noticeable this year.

Red bells, owing to the fact that they were sold by all the department stores, did not move as fast as they did last season. G.

LOS ANGELES, CAL.

The Rising & Dunscomb Co., which succeeded the Ocean Park Floral Co., founded by E. J. Vawter, plans to be able to meet any of the widely varying calls made upon a horticultural concern in this locality. The company has also succeeded to the names, good-will and business of the Hollywood Rose Co. and the West Park Nursery. At Ocean Park the concern has eighteen acres solidly planted with carnations for blooming in the field. This is one of the sights of southern California, the subject of magazine articles, and annually visited by thousands of tourists. So great has the demand become that an additional ten acres is now being planted. There also are two acres of violets, narcissi, etc., in proportion. Asparagus is grown in large quantities, 20,000 strings being produced annually, to say nothing of bunches of plumosus and Sprengeri, also adiantum. There are three acres of roses for cut flowers and the local retail trade takes 20,000 rose plants a year. A retail store is conducted at Ocean Park and a wholesale headquarters has recently been opened at 205 North Broadway, in Los Angeles. J. L. Dunscomb, secretary of the company, is a former Chicago railroad man, full of push, and greatly pleased with southern California as compared with the climate in the immediate vicinity of Dearborn station, where he spent many years.

CARNATION CUTTINGS Immediate Shipment.

SELECTED CUTTINGS, WELL-ROOTED.

	Per 100	Per 1000
PINK		
Enchantress, light	$1.60	$15 00
Mrs. Lawson, cerise	1.40	10.00
Mrs. Joost, salmon	1.20	10.00
Argyle, light	1.20	10.00
VARIEGATED		
V. Lawson	1 60	15.00
Prosperity, mottled	1.40	12.50
Gaiety, striped	1.20	10.00
CRIMSON		
Gov. Roosevelt	1.40	12.50
Harlowarden	1.40	12.50

	Per 100	Per 1000
SCARLET		
Red Lawson, light	$1 60	$12.50
Estelle	1.60	15.00
America, light	1.40	10 00
Potter Palmer	1.20	10 00
G. H. Crane	1.40	10.00
WHITE		
White Lawson	2.00	15 00
F. Hill	1.40	10.00
Queen Louise	1.20	10.00
Gov. Wolcott	1.40	10.00
YELLOW, Eldorado	1.40	10.00

Warranted true to name, 25 at 100 rate; 200 at 1000 rate; unrooted cuttings, half price. Express prepaid at above prices. We will ship C. O. D. subject to examination if desired or will allow 5 per cent discount for cash with order. Write us for quotations on large orders.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

CARNATIONS

250,000 Healthy, Well Rooted Cuttings Now Ready.

	Per 100	Per 1000
SCARLET		
Estelle	$1.60	$12.50
Red Lawson	1.60	12.50
G. H. Crane	1.40	10.00
Richmond Gem	1.40	10.00
America	1.40	10.00
WHITE		
White Lawson	2.00	15 00
Governor Wolcott	1.40	10.00
Queen Louise	1.20	10.00
Flora Hill	1.40	10 00
YELLOW, Eldorado	1.40	10 00

	Per 100	Per 1000
PINK		
Hannah Hobart, novelty 1906, J. H. Sievers & Co. Best selling Carnation in San Francisco in 1905	$7.50	$60.00
Enchantress	1.60	15 00
Mrs. Joost	1.20	10.00
Mrs. Lawson	1.40	10 00
VARIEGATED		
Variegated Lawson	1.60	15.00
Prosperity	1.40	12.50
CRIMSON, Harlowarden	1.40	12.50

Terms are Cash, or will ship C. O. D. and in either case with privilege of examination. Express charges paid by us. 5 per cent discount allowed for money with the order. 25 plants at 100 rate; 250 at 1000 rate.

HERMITAGE CARNATION CO., D. F. RODDAN, Proprietor. **Loomis, Cal.**

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong, field-grown divisions, **true to name,** $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

F. A. WEBER, of Weber & Sons, St. Louis, is visiting nurseries in New York.

THE labor question is one which threatens to assume large importance as the spring planting season approaches.

WM. A. PETERSON, proprietor of Peterson's nursery, was reëlected a director of the State Bank of Chicago January 8.

THE George Wittbold Co., Chicago, has twenty acres planted to shrubs and perennials at its plant at Edgebrook, just outside of the city.

THE Phoenix Nursery Co., Bloomington, Ill., puts a red tag, made of metal, on every tree it ships and finds the trademark an excellent aid to advertising.

H. L. FROST, of Boston, addressed the horticultural society at Worcester, Mass., January 3, on "Appliances and Practical Methods of Suppressing San Jose Scale."

THE United States Department of Agriculture has issued a circular, No. 45, on forest planting in eastern Nebraska, which will be of interest to western nurserymen.

GEORGE E. STONE, of Hatch Experiment Station, Amherst, Mass., will address the Worcester County Horticultural Society, at Worcester, February 14, on "Shade Tree Problems."

WHOLESALE nurserymen report many complaints of slow movement of cars, probably more trouble arising from this cause in the last season than from any difficulty in getting cars when wanted.

RHUS COTINOIDES is a very handsome species, with oval leaves of good size, which color highly if planted in a soil not over rich. It differs considerably from the common R. Cotinus in having larger foliage and a free, upright habit, which is very striking on a plant of good size.

AS a flowering shrub the North American dogwood, Cornus florida, is difficult to surpass, its beauty being greatly enhanced by the attendant large, white bracts, and there are few shrubs to compare with it when the leaves assume their beautiful soft tints in autumn.

THE annual meeting of the Oklahoma Nurserymen's Association was held in the Chamber of Commerce building, in Oklahoma City, Tuesday, January 8. No attempt was made to publish a program, but each member brought up the topics he wished to have discussed. The objects of the organization are threefold—educational, fraternal, protective.

THE Ohio Horticultural Society will hold its fortieth annual meeting January 16 to 18, at the state capitol at Columbus. A number of nurserymen are on the program and many others will be present. A joint session will be held January 19 with the American Breeders' Association. Among those well known in the trade who will address this meeting are H. H. Groff, of Simcoe, Ont., and E. H. Cushman, Sylvania, O., who will discuss breeding gladioli, and C. W. Ward, Queens, N. Y., who will talk on the introduction of new plants.

E. Y. TEAS, Centerville, Ind., says that "there seems to be great interest in catalpa seeds and seedlings among those who wish to make plantations for timber. There is general belief that C. speciosa is the best variety to plant. It is said that unscrupulous persons are selling seeds of inferior sorts for speciosa, in spite of the fact that seeds of the latter are distinct from the others."

THE Nebraska State Horticultural Society will hold its thirty-eighth annual meeting at Lincoln, Neb., January 15 to 17. The officers are: President, J. H. Hadkinson, Benson; first vice-president, H. S. Harrison, York; second vice-president, C. H. Green, Fremont; treasurer, Peter Youngers, Geneva; secretary, L. M. Russell, Lincoln; directors, W. G. Swan, Tecumseh; A. J. Brown, Geneva; J. A. Yager, Fremont. Headquarters of the society will be at the Lindell Hotel.

SHUTT-UPDEGRAFF WEDDING.

The marriage of Gilbert L. Shutt, late of the park board of Minneapolis, Minn., to Miss Helen T. Updegraff, daughter of the late Judge Robert D. Updegraff and granddaughter of the late Congressman J. T. Updegraff, was solemnized at the family residence, 6314 Franklin avenue, Cleveland, Ohio, December 23, 1906. The bride is well known in Cleveland and is one of the most popular young women of the west side. The couple left amid many congratulations and good wishes, for their future home, corner of Hamline and Hoyt avenues, St. Paul, Minn.

Mr. Shutt is a hard-working, enthusiastic and progressive horticulturist, having spent his whole life in his chosen profession. He for a number of years was employed by some of the leading firms in the country, such as the Wm. H. Moon Co., the Storrs & Harrison Co., Robert Simpson, the Park Floral Co., Denver, etc. He was employed on the Westinghouse and Jones estates, Pittsburg, Pa., for some time and later as superintendent of Ben MacDhui, one of the best equipped and most beautiful rural estates in the state of Michigan. He has resigned his position with the park board to associate himself with the Hoyt Plant & Seed Co., of St. Paul, where he will take charge of the fast growing work of their landscape engineering and nursery department. He has many friends in the trade in both commercial and private lines, who join

MANETTI STOCKS

Especially for Florists' Use. **BEST FRENCH GROWN.**

Grafting size, 3 to 5 m-m., per 1000.....$7.00: per 10,000.....$55.00.
First size, 5 to 10 m-m., per 1000..... 9.00; per 10,000..... 80.00.

Newark prices. **DUTY PAID.** For prompt delivery order NOW and avoid disappointment.

ROSES, two years, field-grown, well-rooted.

DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment..... per 100, $10.00 to 12.00

Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

KALMIA LATIFOLIA

MOUNTAIN LAUREL

An almost unlimited quantity of plants absolutely perfect in make up, with fine balls of earth. Positively unequalled by any others in this country or Europe. Special and very low rates in car lots.

J. T. Lovett, Little Silver, N. J.

Mention The Review when you write.

Boxwood Exhausted, no more to offer until spring importations arrive.

MANETTI for delivery January 1 { 3-16 to ¼ inch.....$10.00 per 1000; ⅛ to 3-16 inch..... 7.50 per 1000

10,000 HYDRANGEA P. G. in cellar. What size do you want?

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

Hedge Plants

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.

61 Years. Send for our Wholesale Price List. 600 Acres.

Mention The Review when you write.

the writer in wishing him and his better half a long, happy and prosperous married life. W.

DISEASED LILIES.

I have some Harrisii lilies, the lower leaves of which turn soft and flabby and yellow in color and drop off. It makes the plants look bad. They were potted in October and brought in December 1. They are now about ten inches tall. What is the cause of this and how can I remedy the trouble? I have them plunged, on a light bench, in four inches of wood shavings. By examining the roots I find a small insect a quarter of an inch in length and cream, almost white, in color. E. O.

It is not likely that the trouble is any fault of yours. We recognize the trouble you have, but it is not so prevalent among the Bermuda bulbs as among the early imported Japan bulbs. We once had a bad case of it with a lot of bulbs we bought under the name of Bermuda longiflorums. The leaves wilted and had the appearance of being scalded. We do not approve of plunging them on the bench inside. Get them out of that and put them on a warm, bright bench. We know nothing about the small worm that is infesting the roots. You might try a weak solution of lime water, a piece of fresh lime the size of an ordinary orange in three gallons of water. It will not hurt the plants, and it may not hurt the worms. W. S.

TIFFIN, O.—A parcel of ground has been given to the city of Tiffin, to be beautified and forever known as Ullrich Place, in honor of the memory of the late Lewis Ullrich. The donor is David J. Stalter, a warm friend of the deceased.

Roses For Spring Blooming The Proper Sorts

Gen. Jacq., Magna Charta, Crimson Rambler, etc. Strong, 2-year field grown plants, suitable for 5-inch pots, 7c. Extra strong for 7 or 8 inch, 12c. Crimson Rambler XXX, 20c. Deutzia Gracilis and Lemoinei, strong, 10c. Large-flowered Clematis, finest sorts, 18c. Peonies, Phlox, etc.
Packed free for cash.
W. H. SALTER, Rochester, N. Y.
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Choice Northern-Grown
2 Years in Field, Fine for Forcing
Crimson Rambler, 4 to 7 feet.... $8.00 per 100
" " strong, No. 2. 4.00 per 100
C. M. NIUFFER, SPRINGFIELD, OHIO
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CAPE JESSAMINE.
(Gardenia Florida.)
Strong and stocky, 4 to 6-in., $2.00 per 100 $18.00 per 1000 Crape Myrtle pink and purple, 1½ to 2 ft., field-grown $5.00 per 100 California Privet, 10 to 15-in., 75c per 100; $6.00 per 1000 15 to 20-in., $1.00 per 100; $9.00 per 1000. Well branched.
John Monkhouse, Caddo Nurseries, **Shreveport, La.**
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83-91 Plymouth Place, **CHICAGO**
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3 NEW CANNAS

WILLIAM SAUNDERS
The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that **Wm. Saunders** is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA
Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.
NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 13 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK
Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.
Send for our list and prices of 60 other leading varieties of Cannas.
ROSES, are our great specialty. 2¼ and 4-inch pot plants we have in great variety—**Philadelphia Rambler, Crimson Rambler, Dorothy Perkins** and other climbers in strong field plants.
SHRUBBERY, in variety. **Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.**
SEND FOR OUR PRICE LISTS.
THE CONARD & JONES CO., WEST GROVE, PA.
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Roses
101 best sorts. Own roots. 2½ and 4-in. Get our price list. Send your want list.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO
Mention The Review when you write.

H. P. ROSES
Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**
F. A. BALLER, Bloomington, Ill.
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ROSES On Own Roots 2 years.
Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and **Baby Ramblers,** at $8.00 per 100.
GILBERT COSTICH, ROCHESTER, N. Y.
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We make especially low prices on nursery stock to Parks, Cemeteries, etc.
Wholesale price list on application.
We carry immense quantities of the finest named varieties of peonies.
Peterson Nursery, 504 W Peterson Ave. **Chicago**
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OAKS and MAPLES. PINES and HEMLOCKS.
ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

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Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,
Over one hundred (100) acres of the choicest varieties. Send for price list.
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Queens, L. I., N. Y.
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LARGE STOCK OF
Peonies, M. L. Rhubarb, Lucretia Dewberry
—For prices write—
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STOCKS, $9.00 per 1000.
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Elizabeth, N. J.
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EVERGREEN
An Immense Stock of both large and small size **EVERGREEN TREES** in great variety, also **EVERGREEN SHRUBS.** Correspondence solicited.
THE WM H. MOON CO., MORRISVILLE, PA.
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BLOOMINGTON, ILL.

The following is a list of the various committees named by the Florists' Club of Bloomington for the meeting of the Illinois State Florists' Association at Bloomington February 19 and 20:

Arrangements—F. L. Washburn, John Gee, Arthur Graves.

Exhibition—Geo. A. Washburn, F. H. Rowe, W. F. Hempstead.

Finance—J. G. Robinson, Geo. J. Foster, A. R. Knowles.

Reception—W. W. Rike, Geo. Callakan, Brunno Nehring, J. Knowles, F. A. Baller, Geo. J. Foster, L. W. Morah, Arvid Anderson, Harry Johnson, E. L. Washburn, L. G. Adams, J. W. Adams, Andrew Washburn, Fred Madden, Herman Garbe, Joe Kirby.

J. F. Ammann, president of the state society, was present at the last meeting of the Bloomington Club. He is working hard for a successful convention.

PEORIA, ILL.

The largest and oldest greenhouse establishment in Peoria is that of Cole Bros., which covers all of the 1600 block on North Perry avenue. There are fifty greenhouses and the great quantity of flowers and plants taken from them every day is evidence of the business done by this firm.

The Cole brothers have grown up in Peoria and the business has grown with them. They started with one small greenhouse and no thought of a downtown office, but as the population increased the increased demands necessitated constant additions. Cole Bros. were the first in this place to give attention to floral designs and this work is done by them on a large scale.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12 in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes, 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

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BOSTON FERNS

Fine pot-grown stock from 6 in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

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1101 Fifth Ave. PEORIA, ILL.

Formerly Cation Greenhouse Co.

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We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

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Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

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A Grand Fern Novelty

We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

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Nephrolepis

Whitmani, 2¼-in..... $10.00 per 100
Boston, 2¼-in..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

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Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

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2½-in.	**Asparagus Plumosus**	$3.00 per 100
3-in.	**Asparagus Sprengeri**	4.00 per 100
2-in.	**Hibiscus,** in variety	2.50 per 100
2-in.	**Flowering Begonias**	2.50 per 100
2-in.	**Boston Ferns**	3.00 per 100
2-in.	**Tarrytown Ferns**	5.00 per 100
2-in.	**Scottii Ferns**	4.00 per 100
3-in.	" "	6.00 per 100
4-in.	" "	10.00 per 100

The National Plant Co., Dayton, Ohio

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ROSES, FERNS, CARNATIONS

All Soft-wooded Plants.

CUT ROSES, CARNATIONS, PAPER WHITES, ROMANS

—Write—

GEO. A. KUHL, PEKIN, ILL.

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ORDERS BOOKED NOW FOR

Rooted Cuttings of Carnations

	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00

January, 1907, delivery.

W. B. GIRVIN, - - Leola, Pa.

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John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa.**

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CARNATIONS, Strong, healthy, rooted cuttings

	Per 1000		Per 1000
R. Craig	$50.00	**Mrs. Patten**	$20.00
Cardinal	30.00	**Mrs. Lawson**	15 00
Lady Bountiful	25.00	**Estelle**	15.00
Enchantress	20.00	**Queen Louise**	10.00

HENRY BAER, R. F. D. 8, **Peoria, Ill.**

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ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig (best red), Nelson Fisher (best dark pink), M. A. Patten, Lady Bountiful, Queen. Orders taken now will be ready for Jan., 1907, delivery. Write for prices.

VALLEY VIEW GREENHOUSES,

Velie Bros., Propts. **Marlborough, N. Y.**

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CHRYSANTHEMUM Stock Plants

MORTON F. PLANT, (Totty's new pink), $3.00 per doz.; $20.00 per 100.

JEANNE NONIN, (finest late white), $1.00 per doz; $8.00 per 100.

HENRY I. FAUST

MERION STATION, PA.

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CHRYSANTHEMUM NOVELTIES

Send for complete list.

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The Florists' Manual

We note your advertisement in a recent number of the REVIEW of the second edition of Scott's Florists' Manual, and request that you enter our order for a copy of this valuable book. The writer is thoroughly acquainted with the first edition of this work, having often had occasion to use it for reference while a student at the Michigan Agricultural College. Please rush this order, for we feel, with Mark Twain, that we "would rather not use violence."

South Bend, Ind., July 28, 1906. SOUTH BEND FLORAL CO.

THE REVISED EDITION IS NOW READY.

Price, $5.00 a copy, carriage charges prepaid.

FLORISTS' PUBLISHING CO., 334 Dearborn Street, CHICAGO

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Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

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.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

824 No. 24th St., PHILADELPHIA, PA.

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Orders now booked for rooted cuttings of CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼ inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15 00
Moonlight	2.00	15 00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12 50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

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Roses, 4000 Brides and Maids

from bench and dormant,
$6.00 per 100; $50.00 per 1000.

B. E. WADSWORTH, Box 224, Danville, Ill.

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Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

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Rooted Carnation Cuttings

COOL GROWN, STURDY, VIGOROUS

Victory	per 100,	$6.00;	per 1000,	$50.00
Nelson Fisher	"	2.50	"	20.00
Enchantress	"	2.50	"	20 00
Mrs. Patten	"	2.50	"	20.00
The Queen	"	2.50	"	20.00
Robt. Craig	"	6.00	"	50.00
White Lawson	"	3.00	"	25.00
The Belle	"	3.00	"	25.00
Mrs. Lawson	"	2.00	"	18.00
Boston Market	"	1.50	"	12.00

Delivery February 1.

A. C. BROWN, SPRINGFIELD, ILL.

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Carnation Cuttings.

Mrs. Thomas Lawson,	$1.50	per 100;	$12.00 per 1000
Lady Bountiful	2 50	"	20.00 "
Cardinal	3.00	"	25.00 "
White Lawson	2.50	"	20.00 "
White Perfection	6 00	"	50 00 "
Victory	6.00	"	50.00 "
Robt. Craig	6.00	"	50.00 "
Helen Goddard	6.00	"	50.00 "
President	2.50	"	20.00 "
Estelle	2.00	"	15.00 "
Morning Glory	2.00	"	15.00 "
Lieut. Peary	2.50	"	20.00 "
Enchantress	2.00	"	18.00 "
Glacier	1.75	"	14.00 "

Write for prices if you want quantity.

ELI CROSS, GRAND RAPIDS, MICH.

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MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

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New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

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YOU will find...
ALL the BEST offers
ALL the time in the Review's Classified Advs

Asparagus

Asparagus Plumosus, 3-inch, $6.00 per 100 4-inch, $10.00; 6-inch, $25.00 per 100.
Asparagus Sprengeri, 3-inch, $5.00 per 100; 4-inch, $8.00.
Boston Ferns, 8-inch, $1.25 each.
Piersoni Ferns, 6-inch, 40c each.
Aspidistra, green, 6 and 7-in., 6 to 12 leaves, 5c per leaf.

Chrysanthemum Stock Plants

Opah, Monrovia, Omega, Lady Harriett, Vivi-and-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

ROOTED CARNATIONS	100	1000
The Belle	$3.00	$25.00
Lady Bountiful	3.00	25.00
White Lawson	3.50	30.00
Boston Market	2.00	15.00
White Cloud	1.00	8.00
White Perfection	6.00	50.00

	100	1000		100	1000
Enchantress	$3.00	$25.00	Robt. Craig	6.00	50.00
Mrs. Lawson	2.00	15.00	Cardinal	4.00	35.00
Fiancee	3.50	30.00	Glendale	6.00	50.00
Victory	6.00	50.00	Harry Fenn	2.00	15.00
Light Pink Lawson				7.50	60.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

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CARNATION CUTTINGS READY

Order in time. Don't delay. Our cuttings are strong, healthy, and well rooted. Unrooted cuttings at half price.

	100	1000
Enchantress	$2.00	$17.00
Crusader	1.75	12.50
Boston Market	1.50	12.00
Mrs. T. Lawson	1.50	12 00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00
Candace	5.00	40.00

Rooted cuttings of MUMS. We have many kinds at lowest prices, Garthaza, Diana, Gallis, Daisy Mum, with many other varieties for the season. Write for prices on other stock.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

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CARNATIONS---Rooted Cuttings

The Queen, of this variety my stock is extra selected, $2.50 per 100; $20.00 per 1000.

White Lawson	$2.00	per 100;	$15.00 per 1000
Red Lawson	2.00	"	15.00 "
Vesper	2.50	"	20.00 "
Robert Craig	5.00	"	40.00 "

10 per cent off for cash or C. O. D. examination privilege

E. H. BLAMEUSER, - Niles Center, Ill.

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ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12 50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

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Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

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CINCINNATI.

The Market.

Business since the holidays has been as it usually is at this time of the year; that is, it has been quiet. The demand for all varieties of stock is good, but the supply is limited. Roses and carnations are both scarce and the price continues high. Never before has the price of carnations ruled so high. They are really averaging higher prices now than at the holidays. Lily of the valley and narcissi are selling well and so are all other small flowers that can be used for funeral work, which really constitutes the main part of the business. Violets are good property and are bringing good prices, especially for the single varieties.

We are having peculiar weather for midwinter. Today the temperature is 60 degrees and going up, as the sun is shining brightly, which in itself is a peculiar thing, as we have seen its rays only about five days in the last thirty. Stock in the greenhouses is suffering accordingly. Maids are off color and all varieties are soft and weak stemmed. It is to be hoped that we will have some good cold, clear weather before long, so that stock will have a chance to recover from the effect of the long continued warm and cloudy weather.

Various Notes.

The Cincinnati Florists' Society meets January 12, at 8 p. m., and from present indications it will be the banner meeting of the year. The officers are doing their best to work up interest in the meetings and if only the members will help a little by coming they will be surprised at the fine and profitable time they will have. The meeting Saturday will be a smoker and there will be talks by several of the members on subjects which will be of general interest to all present.

The rapidly approaching carnation meeting at Toronto is now being talked of a great deal. There will be four or, perhaps, five go from this city. Some action will doubtless be taken at the society meeting as to what route the Cincinnati party will travel over. It is expected to join the Chicago delegation at Detroit.

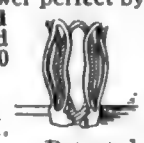
C. J. Ohmer.

New Castle, Ind.—Irvin Rechold, a grower for Heller Bros., is turning his hand to raising seedling carnations with promising results.



WHY consume time energy and capital raising **Split Pinks** when you can have every flower perfect by using the M. & D. **Artificial Calyx.** Easily applied and removed. $1.75 per 100; $15.00 per 1000; 250 at 1000 rate.

Maxfield & Dimond
P.O. Box 304B, Warren, R. I.



Send for sample. Patented.

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Carnations

Cool-Grown, Well-Rooted Cuttings.

FOR IMMEDIATE OR LATER DELIVERY

	Per 100	Per 1000
White Perfection. (The grandest white of them all)	$5.50	$50.00
Bountiful	2.75	25.00
Enchantress	2.00	18.00
Nelson Fisher	$2.25	$20.00
Mrs. T. W. Lawson	1.75	15.00
Boston Market	1.35	12.00

Book Order Now. Quality guaranteed. If you don't like them we pay express both ways. Catalogue Free.

E. F. WINTERSON CO., Wholesale Cut Flowers and Florists' Supplies.
45-47-49 Wabash Avenue, CHICAGO, ILL.

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CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

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Rooted Cuttings--Roses

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Bride	$1.50	$12.50	Richmond	$1.50	$12.50	Perle	$2.50	$20.00
Maid	1.50	12.50	Carnot	2.50	20.00	Am. Beauties	3.00	25.00
Chatenay	1.50	12.50	Kaiserin	2.50	20.00			

CARNATIONS

Enchantress	$2.50 per 100	Bountiful	$2.50 per 100	Wolcott	$1.50 per 100
Lawson	1.50 per 100	Queen	1.50 per 100	Harlowarden	2.00 per 100

Our cuttings are all strong, healthy and well rooted. All cuttings are shipped from Hinsdale.

Bassett & Washburn, Office and Store 76 Wabash Ave. **Chicago**
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

CHRYSANTHEMUMS

Strong stock plants from bench, $5.00 per 100—Monrovia, Polly Rose, Glory of Pacific, Yanariva, Niveus, Lord Hopetoun, Gen. Hutton, Helen Bloodgood, Golden Wedding, Dr. Enguehard, Church, Major Bonnaffon, Convention Hall, Mrs. J. J. Mitchell, Wm. Duckham, Gold Mine, Marie Liger, Alice Byron, Salter, Lincoln, Superba, Golden Hair, Timothy Eaton, Yellow Eaton, Chadwick, Col. D. Appleton, Mrs. Jerome Jones, Yanoma, Balsley.

VINCA VAR.—Field clumps, grown on in trays, first size, $5.00; second size, $4.00 per 100. 25 at 100 rate. Cash with order or satisfactory references.

J. J. ARNOLD, HOMER, N. Y.

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...Wholesale Trade List..

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
Smilax, 2½-in. pots, $2.00 per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

Mention The Review when you write.

ROOTED CUTTINGS
CARNATION
Helen Goddard

Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Fenn	20.00
Red Sport	25.00	Mrs. Patten	20 00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 100		Per 1000
Red Lawson	$25.00	Enchantress	$18.00
White Lawson	20.00	Candace	50.00
Pink Lawson	10.00	Robert Craig	50.00
Varieg'd Lawson.	25.00	Cardinal	25.00
Fiancee	25 00	Estelle	15.00
Mrs. Patten	20.00	Lord	10.00
Jessica	45.00	Harlowarden	15.00
Lady Bountiful	18.00	Prosperity	15.00
My Maryland	40.00	Boston Market	10.00

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Robt. Craig	$6.00	$50.00	Mrs. Patten	$2.50	$24.00
Red Sport	3.50		L. Bountiful	3.50	
Enchantress	2.50	24.00	B. Market	1.75	
Melba	1.75	15.00	Seedling 569	4.00	35.00

This Seedling No. 569 is same color as the Mrs. Joost, large flower and very long, stiff stem; also free bloomer. In regard to the quality of our stock, we positively send nothing out without it is A No. 1 good stock, carefully packed.

WM. J. MOORE, 1235 Filbert St., Philadelphia

Mention The Review when you write.

Beautiful New Pink Rose
AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

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ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

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Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK, LONG ISLAND, N. Y.

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000		100	1000
W. Perfection	$6.00	$50.00	Crane	$2.00	$15.00
L. Bountiful	3.00	25.00	P. Lawson	1.50	12.50
Vesper	2.00	18.00	Joost	1.20	10.00
B. Market	1.50	12.50	Eclipse	2.50	
Flora Hill	1.00	9.00	Enchantress	2.50	20.00
Fred Burki	2.50		Prosperity	1.75	12.50
Cardinal	4.00	35.00	Aureola	2.50	20.00

CHAS. DAUERNHEIM, Jr., Kimmswick, Mo.

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CARNATIONS
Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000	WHITE	Per 100	Per 1000
Lawson	$1.50	$10.00	Boston Market	$1.25	$10.00
Nelson	1.50	10.00	Lady Bountiful	2.00	17.50
Nelson Fisher (cerise)	2.00	17.50	White Lawson	3.00	25.00
LIGHT PINK			**RED**		
Enchantress	2.00	17.50	Robert Craig	6.00	50.00
VARIEGATED			Cardinal	2.50	20.00
Mrs. Patten	2.00	17.50	Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$1.50	$12.50	Uncle John	$1.50	$12.50
Liberty	2.00	17.50	Chatenay	1.50	12.50
Bridesmaid	1.50	12.50	Ivory	1.50	12.50
Bride	1.50	12.50	Perle	2.00	17.50
Sunrise	3.00	25.00			

Peter Reinberg
51 Wabash Ave., CHICAGO

Mention The Review when you write.

We wish to ANNOUNCE TO THE TRADE that we have withdrawn our Crimson Carnation

POCAHONTAS

from the market, at least for this season, and perhaps permanently. During the last few weeks of dark weather it has shown an inclination to contract a disease which if allowed to get any headway would speedily ruin it for commercial growing. The strain of dissemination, and subjection to changed methods of culture would undoubtedly cause it to go to pieces right away, and knowing the circumstances, it would be unjust to the variety and the trade to let it go out. We will continue to grow it as our main crimson, and if it throws off the disease entirely we may let it go out later, but not until we feel assured that it will trot, and be a credit to us. While we regret this very much, we are grateful that it showed this weakness before we had begun sending out the stock.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

CHRYS-ANTHE- MUM STOCK PLANTS

Cobbold, Helen Frick, Mrs. Shaw, Helen Bloodgood, Omega, Major Bonnaffon, Robinson, Kalb. These fine plants, 75c per doz.; $5.00 per 100.

CARNATION ROOTED CUTTINGS

For shipment during January, February and March: Lawson, Indianapolis, Harlowarden, Glacier, Peru, Governor Wolcott, $2.00 per 100; $15.00 per 1000. Enchantress, $2.50 per 100; $20.00 per 1000. Belle and Burki, $3.50 per 100; $30.00 per 1000.

Reeds Lake Floral Co.

GRAND RAPIDS, MICH.

Mention The Review when you write.

CARNATIONS

30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market	$1.50	$12.50
Enchantress	2.00	18.00	Lawson	1.50	12 50
Queen Louise				1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

DETROIT.

The Market.

Business is certainly booming. There is a great deal of entertaining going on this season, and when you add to this a lot of funeral work, no wonder stock moves so well.

Stock is good considering the unusually dark weather we have had. The weather man gives December credit for just one real bright day. January started in as bad, but the outlook is better. Prices are high.

There are no Beauties to speak of on the market. Roses are selling readily at $5 to $12.50 per hundred. Carnations run as high as $4 per hundred for extra fine Enchantress. Narcissi, Romans, daffodils, stevia, etc., move readily. The daffodils are small. Many poor violets, both single and double, are thrown out daily. The Rhinebeck violets sell well.

Club Meeting.

The Detroit Florists' Club meeting, held January 2, was well attended considering the busy season. The cigars were on Ed Phillips this time, on account of a baby girl. After the regular business a general discussion of Christmas business followed. The absence of our friend Scribner was noticeable. Mr. Scribner is to read an essay on "Trials and Tribulations of Detroit Florists" at the next meeting, January 16.

Various Notes.

The recent scarcity of cut flowers in this city has compelled many of the florists to get better prices, and we hope they will hold to them.

Herman and Robert Klagge mourn the loss of their mother, who passed away at Mount Clemens, Saturday, January 5.

H. S.

COATSWORTH, ILL.—Thomas Pepperdine reports Christmas trade good and prospects bright for the new year.

FENTON, MICH.—George Bridson has purchased Loren Keeney's interest in the Holly greenhouse and intends to remove the building to Fenton within a few weeks, making quite an addition to his already flourishing business.

Nephrolepis Scottii

5 and 5½-inch pots, 25c and 35c.

Boston Ferns 5 in., 25c; 5½ and 6-in., 35c and 40c.

All First-class and Pot-grown.

Brabander & Cornelis, Somerville, N.J.

Mention The Review when you write.

ROOTED CUTTINGS.

Begonia Vesuvius	$1.00 per 100.
Vinca (tips)	1.00 "
Alternantheras (red)	1.00 "
Salvia	1.00 "
Heliotrope	.60 "
Sweet Alyssum (double)	.60 "

F. P. SAWYER,

135 High Street, CLINTON, MASS.

Mention The Review when you write.

DAISIES

Queen Alexandra, Etoile d'Or, 2½-inch, $2.50 per 100; 3-inch, $4.00 per 100.

CANNAS—Pennsylvania, M. Washington, $2.00 per 100. Niagara and Buttercup, $4.00 per 100.

P. A. BAKER, Media, Pa.

Mention The Review when you write.

FERNS

We have about 30 000 Bostons in all sizes up to 8-in., and will meet any honest competition in large or small quantities.

Write for prices.

Elegantissima, 2½-in	per 100,	$5 00
" 3-in	"	9.00
Piersoni, 2½-in	"	4.00
" 3-in	"	8.00
Sprengeri, 2-in	"	2.50
" 3-in	"	6.00

CYCLAMEN

40.000 Cyclamen Seedlings, fine plants with two or more leaves, with bulbs as large and larger than buck shot, in five separate colors; grown from best quality seed, at $1.00 per 100.
8.00 per 1000.
75.00 per 10,000.

We are sending them all over the United States and they are giving universal satisfaction.

Come now send in your order at once. Satisfaction guaranteed.
Once a customer always a customer.

D. U. AUGSPURGER & SONS, Peoria, Ill.

BOX 778.

Mention The Review when you write.

ORCHIDS

Importations 1907

Get rock-bottom prices on Cattleya Labiata, Trianae, Mossiae, Percivaliana Mossiae, Schroederae.

JULIUS ROEHRS CO.

Orchid Importers and Collectors,
Rutherford, N. J.

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ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

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ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N.J.**

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ORCHIDS For Spring Delivery

March, April and May, **Vanda Coerulea** and **Dendrobium Wardianum Lowii.** We quote prices per 100 plants. **Cypripedium Callosum,** we shall have one shipment of 5.000 plants. For June or July delivery, we shall have the rare **Vanda Sanderiana** and can quote prices per single plant or in quantity.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.50
Geraniums, 10 var., my selection, 2-2½-in	3.00
Asp. Plumosus Seed, Feb. 15, $2.50 per 1000	.60
Pansy Plants, $3.00 per 1000, from frames	.50

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

Mention The Review when you write.

Bay Trees,

BOX TREES and
Choice EVERGREENS
for outside decorations

BOBBINK & ATKINS

Rutherford, N. J.

Mention The Review when you write.

500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists **BROCKTON, MASS.**

Mention The Review when you write.

Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, **VAN WERT, OHIO**

Mention The Review when you write.

Nephrolepis WHITMANI

Young plants from bench.

$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

CYCLAMEN. In bud and bloom, 4-in. $10.00 per 100; 5-in., $15.00 per 100.

CINERARIES.....2¼-in., $2.00 per 100; 3-in., $3.00 per 100.

C. WHITTON, City Street, UTICA, N. Y.

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SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KAIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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FERNS

	Per doz.	100	1000
Boston Ferns, 2½-in.		$3.00	$25.00
" " 3-in.		6.00	
" " 4-in.	$1.50	10.00	
" " 5-in.	2.25	15.00	
Piersoni, strong runners, 2½-in.		3.00	25.00
" " " 4-in.	1.50	10.00	
" " " 5-in.	2.25	15.00	
Scottii, " " 2½-in.		3.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-in.		7.00	
" 4-in.	1.50	10.00	
" 5-in.	2.25	15.00	
Whitmani, 3-in.		20 00	
Holly Ferns, 2½-in.		3.00	
Carex Japonica, 2½-in.		2.50	
Begonias, assorted. 2½-in.		2.50	
Crotons, 4 sorts, 3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock..		3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants		2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO., Springfield Ohio

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Palms and Ferns

ASPARAGUS PLUMOSUS

2-inch.....per 100, $3.00
3-inch.....per 100, 6.00
4-inch.....per 100, 12.00

PRIMULA SINENSIS

4-inch.....per doz., $1.50
5-inch.....per doz., 2.00

Write for complete price list.

THE GEO. WITTBOLD CO.
1657 Buckingham Place, CHICAGO

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ROOTED CUTTINGS

Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100

Cash with order, please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

GERANIUMS and Other Greenhouse Plants

Send for our Wholesale Catalogue it contains descriptions and prices of seventy-five of the best standards and one hundred of the best novelties in Geraniums.

Alliance, (1905), Hybrid Ivy-Zonal lilac-white, maroon margin, 25c each; $2.50 per doz.

Caesar Frank, (1905), ivy-leaved, double flowers, soft rec't crimson, 25c each; $2.50 per doz.

Eugene Sue, (1905), single, brilliant orange scarlet; $1 50 per doz., $10.00 per 100.

Juste Olivier, (1905), single, soft crimson rose, $1.50 per doz.; $10.00 per 100.

Cactus Geraniums, in four varieties, 20c each; $1.50 per doz.

Colossus, semi-double, dark, rich, velvety crimson $1.00 per doz.; $6 00 per 100.

Double Druden, double, white eye shading to soft crimson edge, 75c per doz.; $4.00 per 100.

E. H. Trego, double, rich dazzling scarlet, an ideal pot variety, 75c per doz.; $4.00 per 100.

Tiffin, single, rich, glowing scarlet, $2.00 per doz.; $10.00 per 100.

Fleuve Blanc, semi-double, white Bruant, $1.50 per doz.; $10.00 per 100.

Centaure, double, beautiful rose pink, 40c per doz.; $2.00 per 100.

Jean de La Brete, Double, rosy carmine, marble white in the center, 50c per doz.; $3.00 per 100.

El Cid, double, dark velvety crimson, 40c per doz.

Miss Kendell, double, dark cerise, 40c per doz.; $2.00 per 100.

Snowdrop, single, pure white, 50c per doz.; $3.00 per 100.

Miscellaneous Plants

	doz.	100
Ageratum, inimitable, Giant Blue	$ .50	$3.00
Stella Gurney and Dwarf White	.40	2.00
Alternantheras, red and yellow, six varieties	.40	2.00
Coleus, Verschaffeltii, Golden Bedder and ten other var.	.40	2.00
Dahlia roots, whole field clumps	1.00	6.00
Fuchsias, Minnesota, Lieutenant, Minister Boucher, Black Prince, Speciosa, Elm City and other varieties	.50	2.50
Hardy English Ivy, strong plants	.40	2.00
Lemon Verbena, Aloysia Citridora	.40	2.00
Lantanas, good assortment	.40	2.00
Petunias, double fringed, mixed	.50	2.50
Panicum, variegation	.40	2.00
Parlor Ivy, Senecio Scandens.	.40	2.00
Tradescantia, dark variegated	.40	2 00
Sage, Holt's mammoth	.40	2.00

CASH WITH ORDER.

A cordial invitation is extended to all interested in Horticulture to visit us. Cowenton Station, Philadelphia division, B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

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LUDVIG MOSBAEK

ONARGA, ILL.

ASPARAGUS Pl. Nanus and **Sprengeri.** 2, 2½, 3 and 4-in., $2.00, $2.50, $5.00 and $8.00 per 100.

FERNS. Boston, Piersoni, Anna Foster, 2¼, 3 and 4-in., $3.00, $6.00 and $12.00 per 100; 6-in., $4.00; 8-in., $10.00; 10-in., $20.00 per doz. **Piersoni Elegantissima** and **Scottii.** fine runners, $40.00 per 1000; **Boston,** $20.00 per 1000.

150,000 Cannas, in 35 var. List mailed.

50,000 Hardy Perennials, field and pot-grown.

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ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Salvia** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca** var., 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. **German Ivy,** 60c. **Fuchsias,** $1.00. Giant Marg. **Daisies,** yellow and white, $1.00. Cash.

Umbrella Plants, 2-in., $1.50 per 100.

Ferns, Scottii and **Piersoni,** 2¼-in., 3c.

Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's** best seed, $1.25 per 100, prepaid. Cash.

SHIPPENSBURG FLORAL CO.
Shippensburg, Pa.

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KANSAS CITY.

The Market.

The prices on cut flowers still remain stiff. Carnations are not plentiful and prices range from $3 to $8. There has been quite a good deal of funeral work, which keeps stock cleaned up, except narcissi, which are quite plentiful. Roman hyacinths are not forced so much as they were five years ago. Potted plants are still in the lead. Our customers claim they last so much longer and give better satisfaction. There has been a special run on azaleas this season. Begonia Gloire de Lorraine is all right, but don't last long enough after being taken from the greenhouse and will never be the leading plant for Christmas.

Various Notes.

Arthur Newell has sold the greenhouses of Mrs. J. B. Cohen, of Lexington, Mo., to D. W. Trine, from Dooley, Va. We are informed that Mr. Trine is well pleased with his new place and had a splendid trade at Christmas. Mr. Cohen, who died recently, was a good friend of Mr. Newell and the latter often visited him and enjoyed a good time hunting with him.

James Pain has the finest lot of narcissi in the city.

Jacob Tobler spent a few days in Pleasant Hill, Mo., visiting friends and hunting over the grounds where he hunted in his youthful days.

We see by the daily papers that Ed. Ellsworth has taken out a permit to build a conservatory of brick, to cost $2,000.

The Hollanders are quite plentiful nowadays. J. A. Vandervoort, of Speelman & Sons' Bulb Co.; J. Tegelaar, of Guldemond & Sons, and V. De Rudder, of K. J. Kuyk, were visitors last week.

W. H. H.

WILTON JUNCTION, IA.

On account of severe illness last summer John Beimford was obliged to dispose of his greenhouses. But he will, no doubt, again take up the business as soon as able to do so and he finds a suitable climate.

Friederichsen Bros. have purchased the greenhouses and added them to their plant. They have also put in a new Kroeschell boiler and built a 45-foot brick stack. They are now better equipped for business than ever. J. B.

I COULD not run my business without the REVIEW.—S. J. HIDER, Hillsboro, O.

NEW SINGLE GERANIUM

SYCAMORE.

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THE SENSATIONAL NEW FERN

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The little girl so sweet, a head full of curls,
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Araucara compacta robusta and **glauca** is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old, 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

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Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

FERNS—All raised in pots and not on bench, as follows:

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Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

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2½-in., from bench... 3.00 per 100

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Rex Begonias, 3-in., 8c.
Geraniums. 2-in., strong, 5 best sorts, 2c.

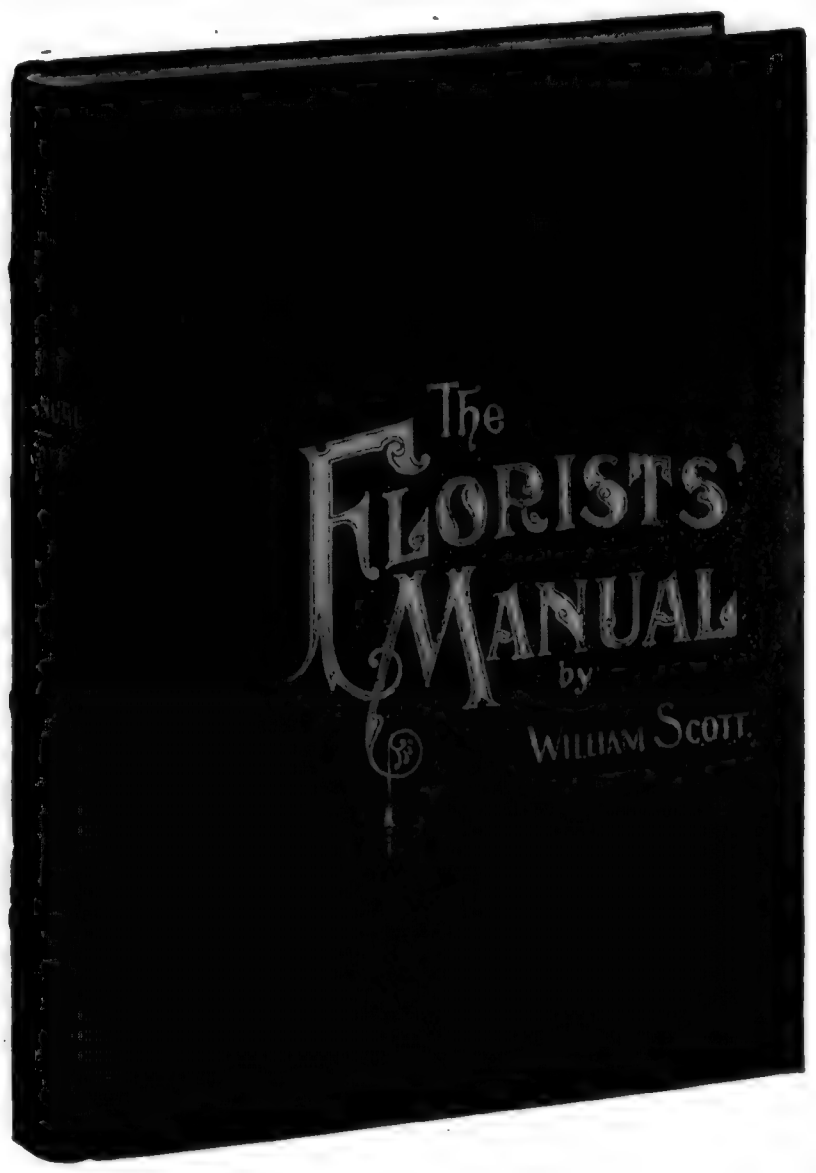
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Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

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Asparagus decumbens. Try this for mixing with cut carnations. Fine long strings, 2½-in., ready for 4-in., $3.50 per 100.
Asparagus Sprengeri, 2½-in., $3.00; 3½-in., $4.50 per 100. Ready for shift.
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Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

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Begonia Gloire de Lorraine, 4-in., $35.00; 5-in., $50.00 100.
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Tuberous rooted begonias. Our bulbs come from the best specialist in Europe. Prices are given in display adv.
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Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

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TRUE TO NAME.

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Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
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Carex japonica, 2½-in., $2.50 100.
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Harlowarden, crimson	$6.00	$25.00
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Enchantress	1.60	15.00	Harlow'den	1.40	12.50
T. W. Lawson	1.40	10.00	Prosperity	1.40	12.50
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200 at 1000 rate. Express prepaid. Five per cent discount for cash, or will ship C. O. D. subject to approval.
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Rooted carnation cuttings now ready.

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Every cutting guaranteed. Cash or C. O. D., subject to examination.
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100 at same rate. Cash with order.
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ROOTED CARNATION CUTTINGS.

Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
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Rooted carnation cuttings.

	100	1000		100	1000
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P. Lawson	2.00	15	L. Bountiful	2.00	15
N. Fisher	2.00	15	B. Market	2.00	15
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Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100; Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

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Healthy rooted carnation cuttings. Queen Louise, Hill, Gomez, Norway, Boston Market, $9.00 per 1000. Melody, $5.00 per 100. Red Lawson, $15.00 per 100. Lawson, Harlowarden, Mrs. Nelson, $12.50 per 1000.
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Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100; $18.00 per 1000
Bountiful	2.00 per 100; 18.00 per 1000
Estelle	1.50 per 100; 15.00 per 1000

Cash with order.
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Pennsylvania fancy green sheet moss, $2.00 per 100.
Pittsburg Cut Flower Co., Ltd., 222 Oliver Ave., Pittsburg, Pa.

Wild smilax and all decorative evergreens. Caldwell The Woodsman Decorating Co., Evergreen, Ala.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Fancy ferns, green sheet moss; leucothoe sprays, etc.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Moss, fresh greens, long sprays, etc.
Limprecht Florist Co., 119 West 30th St., N. Y.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

Fancy and dagger ferns.
R. Groves, 127 Commercial St., Adams, Mass.

Fancy and dagger ferns.
Ray Bros., Elk Park, N. C.

Fancy and dagger ferns.
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Southern wild smilax.
E. A. Beaven, Evergreen, Ala.

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Wizard brand pulverized sheep manure. Write for booklet.
Pulverized Manure Co., 33 Exchange Ave., Chicago.

Bone meal, sheep manure, wood ashes, etc. Write us for anything you need.
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Wax flower designs. New, exclusive styles. Low prices.
Scranton Florists' Supply Co., Scranton, Pa.

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Galax leaves, green and bronze. Write
F. W. Richards & Co., Banners Elk, N. C.

Galax leaves and leucothoe sprays.
J. L. Banner & Co., Montezuma, N. C.

Galax leaves. See display adv.
J. G. Loven, Montezuma, N. C.

Galax leaves, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax leaves, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

Galax leaves, green or bronze.
Crowl Fern Co., Millington, Mass.

Fresh bronze or green galax.
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Bronze and green galax.
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Green galax, new crop.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We have constantly on hand a full line of all sizes of greenhouse glass and can fill orders promptly and at lowest market prices.
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We can save you money on greenhouse glass. Let us quote you prices.
Standard Plate Glass Co., Boston, Mass.

Greenhouse glass, selected quality.
H. M. Hooker Co., 57 W. Randolph St., Chicago.

Greenhouse glass a specialty.
John Lucas & Co., Philadelphia.

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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or
Siebert Co., Pittsburg, Pa.

Peerless glazing points are the best.
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Use Magnet glue. It's waterproof. Write
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Gold fish, Comets, Japanese Fantails, Fringetails, Telescopes, etc. Fish globes and aquariums.
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"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

Insecticides. We carry all the reliable kinds.
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Century Insecticide, death to insects. Write
W. H. Kuld, Norwood, Mass.

Wilson's plant oil kills scale.
Andrew Wilson, Dept. 5, Summit, N. J.

Nicoticide kills all greenhouse pests.
P. R. Palethorpe Co.,
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Our stock of STANDARD FLOWER POTS is always large and complete.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

We make Standard Flower Pots, etc.
Write us when in need.
Wilmer Cope & Bro.,
Lincoln University, Chester Co., Pa.

Flower pots, hanging baskets, etc. Write for prices. Twin City Pottery Mfg. Co., 2406 Marshall St., N. E., Minneapolis, Minn.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Ionia pots are the strongest, smoothest, most porous pots made.
Ionia Pottery Co., Ionia, Mich.

RED POTS. Standard pots at bottom figures.
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Red pots, azalea and bulb pans; get our prices. Keller Pottery Co., Norristown, Pa.

Standard red flower pots. Write for prices.
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Fresh tobacco stems.
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Fresh tobacco stems.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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To kill all weeds and grasses use DINAMINE. It has proven a great success. Does not kill the soil. One-gallon sample ($2.00) will make 20 gallons of strong, treating fluid.
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WIRE SUPPORTS.

Model Extension carnation supports; also galvanized rose stakes and tying wire.
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Wm. H. Woerner, Wire Worker of the West. Manufacturer florists' designs only. Second to none. Illustrated catalogues.
1103 N. 18th St., Omaha, Neb.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

WIRE DESIGNS. We carry the largest stock in the West. Ask for list with discounts.
BARTELDES SEED CO., Denver, Colo.

William E. Hielscher's Wire Works, 38-40 Broadway, Detroit, Mich.

Wire work. Best made. Try a sample order.
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Full line of wire work. Write for list.
Holton & Hunkel Co., Milwaukee, Wis.

Reed & Keller, 122 W. 25th St., New York.
Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

Wire work, all kinds.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

THE REVIEW will send Herrington's Chrysanthemum Book on receipt of 50 cents.

I WISH to say that the REVIEW is by far the best paper for the trade.—K. CLARKE, Colorado Springs, Col.

I THINK the REVIEW is the best paper for florists. It is a great help and very instructive.—P. W. MASON, Bernardsville, N. J.

ENCLOSED find $1 to renew subscription to the REVIEW. We could not do without it. It has been worth lots to us. It is the best publication of its kind.—A. T. BUCKERIDGE, Wichita, Kan.



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Our output of Flower Pots is larger than any concern in the World
Our Stock is always Large and Complete

Main Office and Factory.

713 WHARTON STREET, PHILADELPHIA

Warehouses: JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.



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AUSTIN, TEX.

The grass is green and outdoor roses are in bloom where protected, an unusual occurrence at this time of year. Two years ago there was not a store in Austin. Now there are two, well stocked and centrally located, besides three seed houses that do a little in plants and flowers, and all are doing well. Carnations and sweet peas are blooming freely and callas are excellent. H. B. B.

TWIN CITIES.

The Market.

Trade conditions are back to a normal basis and some satisfaction is felt by the majority that the holiday trade passed off as well as it did. Upon interviewing all of the dealers, there is not one but what experienced a good trade and an average increase of from thirty-five per cent to fifty per cent in sales over last year. The heavy plant sales, with some of the trade, worked against the sale of cut flowers, but the good prices obtained for all blooming plants undoubtedly evened things up nicely.

Stock at this writing is not any too good, possibly on account of the dark weather, and further because everything was cut close to supply Christmas trade. A number of Christmas plants carried over are in the hands of about every dealer. Azaleas, it seems, did not sell as well as anticipated. Few poinsettias are to be seen.

Between Christmas and New Year's it was also noticeable that prices dropped considerably and, although the most of the growers tried hard to maintain Christmas figures, it was a hard matter for them to do so. Eastern violets are arriving in large numbers. The color and size of the violet are all that could be expected, but the fragrance is gone by the time it reaches us.

St. Paul.

Jerry Jurgenson, who has been with Holm & Olson, is now connected with the Donaldson greenhouses in Minneapolis.

Holm & Olson report a fair trade last week. Funeral work was heavy. Trade in the social line was quiet.

L. L. May & Co. had the McCormick-Ferguson wedding, which was one of the principal events of the season. The house decorations were quite unique. The stairways were heavily trimmed with wild smilax, poinsettias of a uniform size being interspersed through the smilax, which under the light produced a brilliant effect. Handsome centerpieces of Richmonds on the reception table were fine, solid colors being used throughout.

Colberg & Lemke report trade good, notwithstanding the lull which is expected after the holiday rush. The trade has been mostly for funeral work.

Henry Krinke, one of our oldest florists, has been confined to his bed for the last three weeks, but is gradually improving and will be back to his post in a few weeks' time.

Thomas Cushman, of the Clinton Falls Nursery Co., Owatonna, Minn., called and reports the largest Christmas business he ever had, and was fortunate in having all his roses in crop.

W. A. Hastings, representing A. H.



Twin City Pottery Mfg. Co.

Successors to J. G. Swahn's Sons
—MANUFACTURERS OF—
GARDEN VASES, FLOWER POTS, HANGING BASKETS
Let us figure on your needs.
Both telephones. 2406 Marshall St., N. E., Minneapolis, Minn.

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POTS OF QUALITY

If we were to manufacture greenhouse pots from any other kind of clay, our argument that IONIA POTS are the BEST POTS would loose its effect.

For 36 years the demand for them has steadily increased. Hundreds of florists use them exclusively. Make up your spring order. Send it to us now.

We will ship when you direct. **IONIA POTTERY CO., Ionia, Mich.**

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KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.
The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.
213 to 223 PEARL STREET, NORRISTOWN, PA.

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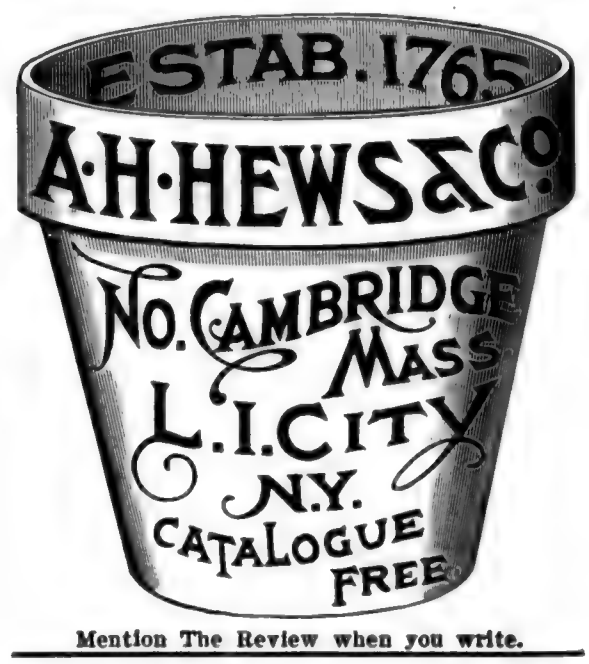
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RED
Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.
PADUCAH, KENTUCKY

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Red Standard Pots

Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application

HARRISON POTTERY, Harrison, Ohio.

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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express.
Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

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Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 283 Dearborn St. CHICAGO

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Hews & Co., is in town and reports some nice orders booked for flower pots for spring trade.

Minneapolis.

The Powers Mercantile Co. reports the sales of the Christmas paper bells and wreaths to be a frost this year. Immortelles sold much better.

Ralph Latham evidently will have to secure larger quarters for the holiday trade. Business was away ahead of last year. FELIX.

SOUTH BEND, IND.—The South Bend Floral Co. is preparing to open a thoroughly up-to-date downtown retail store. Mr. and Mrs. Irving Gingrich will give it their personal attention, a grower being placed in charge at the greenhouses.

The John Davis Co.
Halsted, 22d and Union Street
CHICAGO, ILL.

Manufacturers and Wholesalers of
Wrought Iron Pipe
Cast-Iron Fittings
Valves, Pumps
Steam Traps
and everything used in a Steam Plant

A majority of the Houses are changing from water to steam. The only pipe to use is the genuine **Wrought Iron** and "Byers" is the best made. WRITE US FOR PRICES.

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POEHLMANN BROS. CO.
GEORGE REINBERG
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SAVE
FUEL
WATER
REPAIRS
By installing a
Morehead Steam Trap
—Write us—
Morehead Mfg. Co.
1043 Grand River Ave.
DETROIT, MICH.

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Standard Pumping Engines

Now is the time to provide for pumping the water you will have to use next summer.

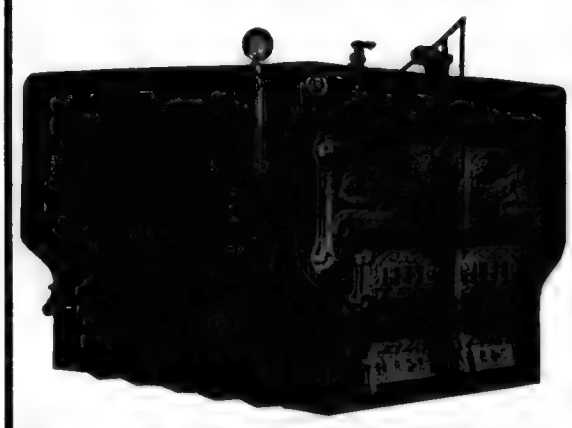


The Standard Pump & Engine Co.
CLEVELAND, OHIO.

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PARIS, TEX.—Mike Robinius reports business good all the year around. The demand for carnations cannot be met. He expects to add 2,000 feet of glass to his plant. The houses are all filled with propagating plants; still, he says he cannot meet demand in the spring.

FLORENCE HEATERS



BURN ANY FUEL

We shall be pleased to send you our catalogue

COLUMBIA HEATER CO.
BELVIDERE, ILL.
Sales Dept., 36 Dearborn St , Chicago

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High-Grade Boilers
Get our Catalogue **For GREENHOUSES**
STEAM and HOT WATER
GIBLIN & CO., Utica, N. Y.

FURMAN BOILERS
SAVE FUEL
Write for Catalogue
See advertisement in last week's Review and watch for it next week,
THE HERENDEEN MFG. CO , Geneva, N. Y.

S. WILKS MFG. CO.
Manufacturers of
Greenhouse Boilers
35th and Shields Ave., CHICAGO, ILL.

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Tobacco Paper
Is the
STRONGEST,
BEST PACKED,
EASIEST APPLIED
24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID
Furnishes the Most Nicotine for the Money!
Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine
By far the CHEAPEST.
Just Note Prices!
Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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WILSON'S PLANT OIL
KILLS YOUR SCALE.
Take a can of the oil, dilute to four times its bulk with water and then spray or wash your plants. Prices—½ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.
Andrew Wilson, Dept. 5, Summit, N. J.
or H. A. Dreer, Inc., Philadelphia.
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CENTURY INSECTICIDE DEATH TO INSECTS
Cheapest and best on market. Once used, always used.
Positively kills green and black fly, mealy bugs, red spider, scale, thrips, or any insect on flowers, plants, trees, vegetables, etc. Will not injure, scent or discolor the most delicate flowers and foliage. Also sure death to Gypsy and Tussock Moths.
Especially adapted for Roses, Carnations, Chrysanthemums, Heliotrope, Smilax and Ferns. Handled by Leading Seedsmen.
Prepared by W. H. KULD, Norwood, Mass.
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CLEVELAND.

Stock in general is slightly improving since January 1. The excellent weather which we have been having for the last few days is largely helping to increase the supply of carnations. All cut flowers are more plentiful and bring reasonable prices.

The Cleveland natural gas supply was put out of commission January 4. The cause was attributed to two mains which burst at Akron, O. All the florists who use natural gas for heating found a ton or two of coal the handiest thing out.

Michael H. Horvath, who for eleven years was city landscape gardener and forester, resigned his position January 1. Mr. Horvath is one of the best known scientific men in this line in the country. The reason he gives for his resignation is, that he will enter into business for himself.

W. G. N.

INDIANAPOLIS.

Current Comment.

Another week of clouds and it's a case of "Wait till the sun shines, Nellie," and all will certainly be glad when such a thing happens. It's a long lane that has no turn. New Year's business was good and everything in the shape of a bloom was taken.

Some of the florists here, not being able to get any sunshine, are raising sunbeams; notably, A. F. J. Baur, who is wearing the smile that won't come off. The girl arrived January 3. Both mother and babe are doing well and Adolph is stepping high. Carl Glaubke is in the same class; date of arrival, January 5; all doing well. Carl begs to be excused from the annual meeting.

William Lilly, until recently florist for the waterworks company, is now in California, where he expects to make his home. He writes splendid accounts of the climate and conditions generally.

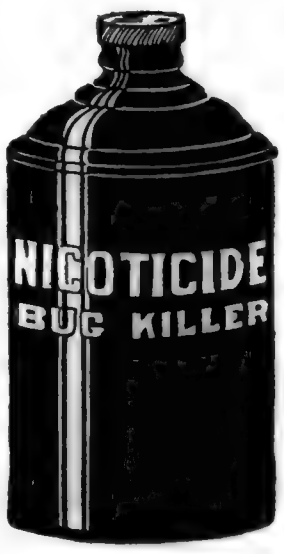
S. P. Cossairt, Jr., of Shelbyville, is also in the golden state and its charms are such that Hoosierdom will see him no more.

Ed. J. Brown reports the Christmas and New Year's trade in Shelbyville the best ever; he has finished remodeling his plant and is in good shape to handle his spring trade.

From present indications there will be a good attendance at the annual meeting of the State Florists' Association of Indiana, January 8.

S.

To-Bak-Ine Products
THEY KILL BUGS
LIQUID FORM 45 per cent Nicotine.
FOR SPRAYING.
FUMIGATING PAPER
FOR BURNING.
Fumigating Powder
FOR SLOW BURNING.
DUSTING POWDER
FOR VEGETABLE GROWERS.
You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.
E. H. HUNT
76-78 Wabash Ave., CHICAGO
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THE BEST Bug Killer and Bloom Saver.
Drop us a line and we will prove it....
P. R. PALETHORPE CO.
Dept. A,
LOUISVILLE, KY.
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LYNN, MASS.—G. W. Gatchell has retired from business.

Starved Rose Bushes NEVER BLOOM
and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.
Don't Starve the Roots.
Put away your bushes this fall with plenty of fall and spring food for the roots.
The richest root food, stem and bloom producer you can use is
WIZARD BRAND PULVERIZED SHEEP MANURE
It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.
Special prices to florists and greenhouse operators. Write for booklet.
The Pulverized Manure Co.
33 Exchange Ave., Chicago.
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PEERLESS SULPHUR BLOWER
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
McMORRAN & CO. 15-21 N. Clinton St. CHICAGO, ILL.

Tobacco Stems
Fresh and strong, bales weigh 250 to 500 lbs., 75c per 100.
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To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms.
Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.
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Lowdham, Nottingham, England

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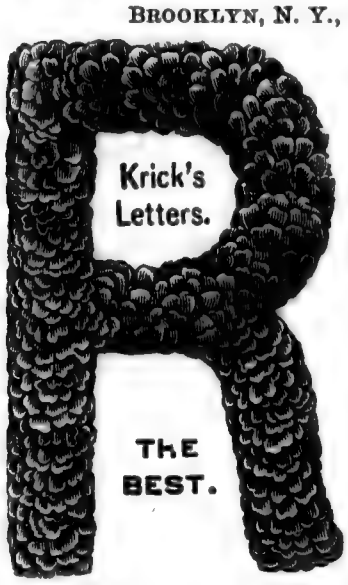
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BROOKLYN, N. Y., December 15, 1906.



Owing to the advance in material in the manufacture of Immortelle Letters, I am forced to advance the price of letters on Jan. 1, 1907, as follows, viz:

1½ and 2-in. letters, $2.75 per 100.

2½-in. letters, $3.00 per 100.

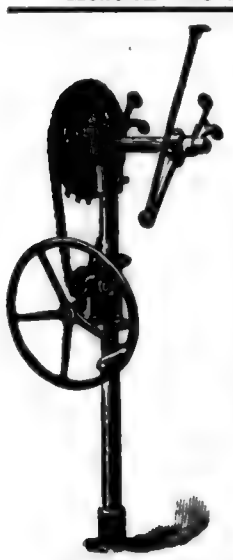
All other goods manufactured by me are not affected at this time.

Thanking you for past favors, and hoping for a continuation of the same, I remain,

Yours respectfully,

W. C. KRICK.
1164-66 Greene Ave.

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A Trial Will Prove Our Claims

One customer bought 68 machines in seven orders. Another bought 24 machines in one order simply because he saw the machine at work elsewhere. We have plenty who have given us their third and fourth orders. Give us a trial order and you will know why. Free circular. Free estimates.

THE ADVANCE CO.
RICHMOND, IND.

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works
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GET OUR PRICES ON

Galvanized Wire Rose Stakes and Tying Wire

IGOE BROTHERS

Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.

68-71 Metropolitan Ave.. BROOKLYN, N. Y.



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You surely wish to combine all approved new features of construction with the best grade of material at reasonable prices. Write us for

Estimates and Suggestions
THEY WILL INTEREST YOU.....

Louisiana Cypress and Washington Red Cedar **Greenhouse Material**

A. DIETSCH CO., 621 Sheffield Avenue, CHICAGO

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SEE THAT LEDGE.
Pat. Sept. 18, 1900



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G. L. GRANT, EDITOR AND MANAGER.

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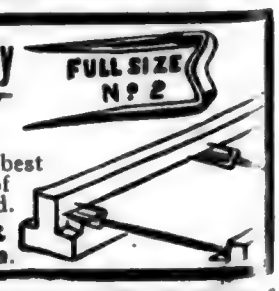
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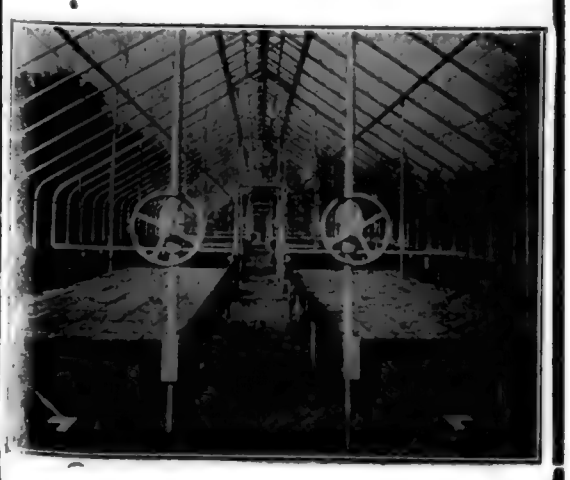
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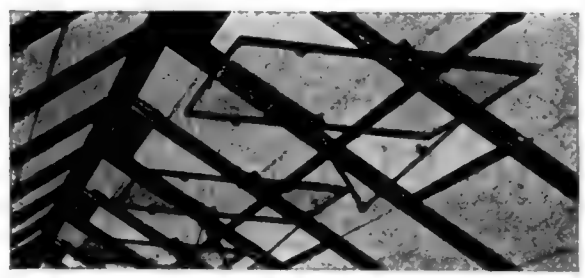
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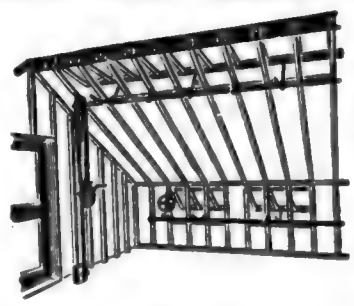
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FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, JANUARY 17, 1907. No. 477.

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Cobaea Scandens, purple.	.10	.30	**Smilax**	.10	.25
Dracaena Indivisa	.10	.25	**Stocks Cut and Come Again**	.25	...
Forget-Me-Not, Victoria	.10	.75	**Stocks** Ten Weeks', mxd.	.25	...
Mignonette Machet	.10	.50	**Stokesia** Cyanea	.10	...
Petunia, Calif. Giants	.25	...	**Thunbergia**	.10	.60
Salvia Splendens	.15	1.00	**Verbena,** Mammoth	.25	1.00

For select strains of **VEGETABLE SEEDS,** Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our **Market Gardeners' Wholesale List,** mailed upon request.

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OUR CARNATION NOVELTIES FOR 1907

Winsor, White Enchantress and Helen M. Gould

ONE way to judge carnations is to see them on the exhibition tables. A better and more convincing way is to see them growing; therefore we cordially invite all carnation growers to visit us and judge for themselves regarding the superiority of the above named sorts.

Our carnation houses are at **SCARBOROUGH-ON-HUDSON** (not Tarrytown). Friends who desire to visit us can take the N. Y. C. & H. R. R. R. from New York. Trains leave there every half hour. Scarborough is the first station north of Tarrytown. Our grounds adjoin the station, and the greenhouses are about five minutes' walk from the station.

We are growing **25,000 PLANTS OF WINSOR** for cut flowers alone, for the New York market this season, which shows the faith we have in it. This will also enable visitors to see it growing in quantity, and, besides that will give us enough plants to get a great abundance of fine, healthy cuttings without over-propagating. We have already booked a large quantity among the large growers, and anticipate for this variety the largest sale of any new carnation that has ever been distributed, as large growers who have seen it are enthusiastic in regard to its value. Those who have seen it have immediately placed large orders for it, so we recommend those who have not ordered to place order without delay, so as to ensure early delivery.

For full description of these three valuable novelties, see our Wholesale Price List. Of course, we shall have all of these varieties on exhibition at Toronto, where they can be seen, and where they will speak for themselves.

Wholesale Prices, Rooted Cuttings, Spring 1907

WINSOR. Soft silvery pink. The best color, best keeper, best shipper, best seller—best every way. $12.00 per 100; $100.00 per 1000.

WHITE ENCHANTRESS. Has the large size, long stem, productive habit of Enchantress, but it is pure white. $12.00 per 100; $100.00 per 1000.

HELEN M. GOULD. A beautiful sport of Enchantress. Ground color lovely shade of silvery pink, with very fine pencilings of carmine, making an exceedingly exquisite combination. While on close observation this variety is variegated, the general effect is one beautiful tone of dark pink. Exceedingly valuable, because it combines the earliness, freedom, long stem, and large size of Enchantress, giving another color possessing all the other desirable qualities of Enchantress. $12.00 per 100; $100.00 per 1000.

BEACON. Orange-scarlet. A vigorous, healthy grower, of ideal habit. A profuse bloomer, with long stems. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Cerise-pink. Will be planted largely in place of Lawson. $12.00 per 100; $100.00 per 1000.

MELODY. Daybreak sport of Lawson, about the same color as Enchantress, but much brighter, and does not fade like Enchantress. Also a much better keeper and shipper. Those who grow the Lawson varieties exclusively will find this very valuable and desirable, because it gives an improved Enchantress color, which is so popular, and at the same time can be grown in the same house with the other Lawsons. An extra fine thing in every way and in great demand. A great addition to the Lawson class. $10.00 per 100; $75.00 per 1000.

ROSE-PINK ENCHANTRESS. A sport of Enchantress. Color, dark rose-pink. $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. A novelty of 1906, and a variety for which there is a great demand this season. A third larger than Lady Bountiful and a more perfect flower. $6.00 per 100; $50.00 per 1000.

VICTORY. Scarlet. This is giving great satisfaction, being a free blooming, profitable scarlet. $6.00 per 100; $50.00 per 1000.

RED LAWSON. A fine red. Our stock of this is superior to many stocks of Red Lawson that we have seen. $4.00 per 100; $30.00 per 1000.

VARIEGATED LAWSON. The most productive of the variegated sorts. A favorite. Outblooms Mrs. M. A. Patten. $4.00 per 100; $30.00 per 1000.

WHITE LAWSON. An excellent white. $4.00 per 100; $30.00 per 1000.

LADY BOUNTIFUL. Pure white. $4.00 per 100; $30.00 per 1000.

ENCHANTRESS. $3.00 per 100; $25.00 per 1000.

MRS. M. A. PATTEN. $3.00 per 100; $25.00 per 1000.

MRS. THOS. W. LAWSON. $3.00 per 100; $20.00 per 1000.

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Extra fine clumps.....$4.00 per 100

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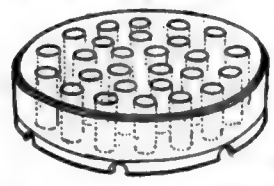
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THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

The Weekly Florists' Review

NOW IS THE TIME TO

BEGIN!

CARNATIONS

CARNATION NOTES.—WEST.

Care of Cuttings.

From now on you will be getting in whatever carnation cuttings you buy this season and a few reminders of how to care for them when they come in will not be amiss.

First of all we have found it advisable not to allow the express companies to deliver our goods, and, unless they will send them right up to your place, you may find it advisable to do the same when the weather is severe. You can imagine what shape they are likely to be in after being hauled around town in an unheated wagon for a couple of hours in zero weather. Have them call you by phone and then you can send for them at once and take proper precaution against the cold.

If you think the box has been exposed to the cold and frost may have penetrated the covering, then do not unpack right away, at least not in a warm room. Let the box stand a few hours in about 50 degrees to allow the frost to draw out slowly, and in many cases no harm will be done; whereas, if they were exposed to a warm temperature at once, many would be lost. The sudden change will do more damage than the freezing unless it is severe.

After unpacking, get them potted as quickly as possible, using the same pots and soil as for your own stock. If any happen to be unrooted or have the roots broken off in packing, then stick all such into your propagating bench. They will root better there than in the pots and when you pay a good price, such as you do for all the later introductions, you do not want to lose any of them.

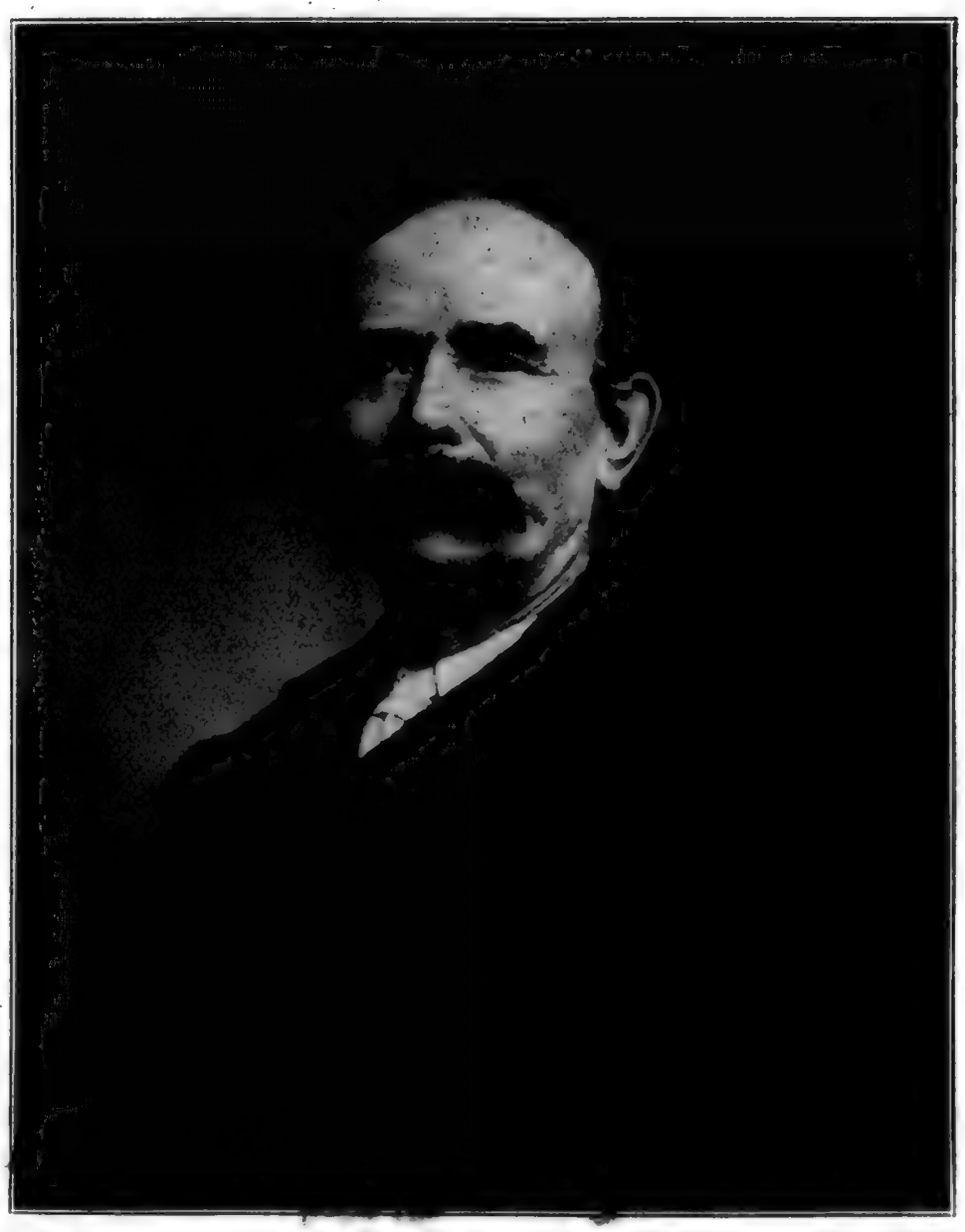
Lay newspapers over them the first day or two, even if the sun does not shine; it will get them gradually accustomed to the light after being packed up tight several days. You will likely have to shade them rrom the sun a few days longer than your own, but shade them only as long as the sun seems to hurt them.

The Case for Damages.

If you receive a batch in poor condition notify the shipper at once. Do not wait until you see how many you will lose. You may be honest enough and you may save all that could be saved, yet at the same time, he is apt to think the loss may have been caused by neglect on your part; whereas, if you notify him at once, he will know that they arrived in bad shape and will not lay the blame at your door. It is easier to place the blame where it belongs when the facts are still fresh in his memory, and it will be easier to collect damages from the express company if the case warrants such proceedings.

As to the advisability of asking for damages from the express companies, each case must determine that for itself. But we hold that if a parcel is delivered to them in good condition and plainly and conspicuously marked as to its contents and necessity of preservation from frost, etc., and they delay the transit unreasonably, or expose it unreasonably, then they should be held responsible. Many cases are known where flagrant carelessness was the only reason for the damage done and the collection of damages is the surest way of getting proper service.

Of course one must use good judgment and be reasonable in all such cases, and be sure you place the blame where it belongs. Faulty packing and failure to make proper allowance for the severity of the weather are sometimes the main causes of freezing; but as a rule the shippers will pack reasonably warm. A. F. J. BAUR.



George H. Mills.

(Superintendent of the Toronto Exhibition of the Carnation Society.)

WEAK-STEMMED CARNATIONS.

Can you tell me the cause of my carnations growing weak stems? I benched them about August 25 and they were all good, strong plants. When I came to fill my benches I found that I did not have enough soil in my compost, so I mixed in several loads of soil, good, clay loam, from a field that had been pastured for the last eight years and was plowed up last spring. The plants all did well from the beginning and I lost only a few. I used no bone meal at the time of planting, but I gave them a dressing of wood ashes about October 1 and then thirty pounds of bone meal to 500 square feet of bench about November 1. Then about December 15 I gave them another dressing of wood ashes. They have made a good growth, but the following varieties are making weak stems: Flora Hill, Glacier, Peru, Mrs. E. A. Nelson and Enchantress. I have other varieties which are doing well and all have been treated the same. Lawson, White Lawson and Flora Hill have been kept at a temperature of about 54 degrees; the others, from 50 to 52 degrees.

Have I overfed them? I have given them all the air possible. I thought the long spell of cloudy weather might have something to do with it. The stems are of good length and the blooms are of fair size. R. M.

It is rather difficult to say what may be causing your carnations to come weak-stemmed. As far as you state the facts your treatment has been all right and should result in good stock. Flora Hill and Peru will come rather weak at this time of the year, whatever you do; but the others should hold the bloom up well. Excessive cloudy weather will, of course, cause all kinds of stock to come soft and weak-stemmed unless you handle them accordingly. Your temperatures are all right and the food you gave them is all right, except I would

have advised you to put some bone into the soil at planting time.

If your soil is of a light texture you would naturally have more trouble along this line than you would with a good heavy loam. A soil that makes lots of growth does not necessarily make good stems and blooms. If your plants were exceptionally large at planting time they may be too crowded by now, which would also cause a weak growth.

I would advise you to keep the ventilators open all the time, especially when you are firing heavily. This may seem like wasting fuel, but you will find it will pay you well. If you can get some sheep manure, then tie half a bushel in a burlap bag and hang it in a 50-gallon barrel of water. After three or four days use this liquid, mixed half and half with clear water, and apply it about once in ten days and when you get bright weather give it to them once each week. Get a Kinney pump; it will save you much labor in the operation and you won't mind the job half so much. A little later, when evaporation is more rapid, a mulch of old stable manure will do them good. A. F. J. B.

ROBERT CRAIG CARNATION.

I would like to know if Robert Craig carnation is giving satisfaction. I got fifty plants in the spring. I find it a strong grower, but there are too many split and off-colored flowers. I can't lay it to cultivation, as it makes a good stem twenty-four inches and over and the perfect flowers come about three and one-half inches and over. I have Lawson, Enchantress and Boston Market, all doing well. Is Craig a desirable carnation to plant in quantity?

G. H.

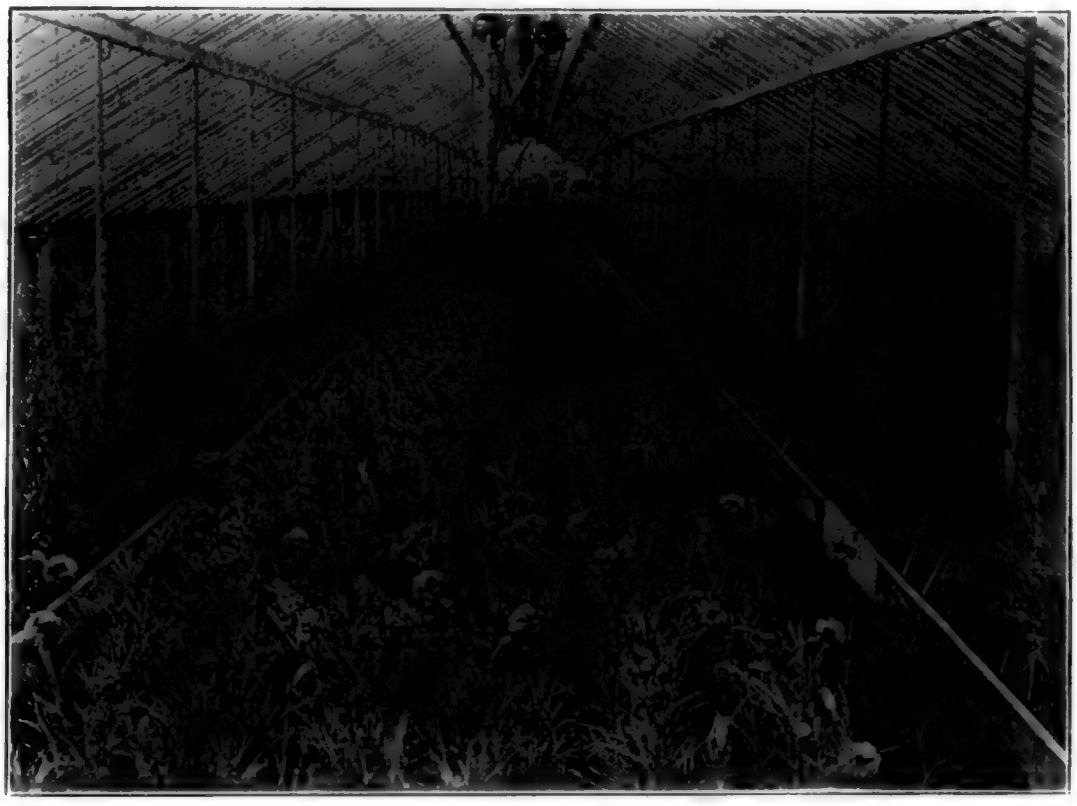
Robert Craig is doing splendidly with us and we consider it a good thing and worth planting in quantity. The growth is strong and the stems are fine. Blooms are large, well formed and of a deep rich red. It is not early with us and not so free as Victory, but it throws up its stems quickly and produces more blooms than one would be led to think by the appearance of the plants. It will have to bring the top price to be really profitable, but it will do this right along on account of its unfailing quality. Other growers with whom I have talked seem to hold the same opinion.

We have noticed three or four plants among our stock which produce off-colored blooms, which we cannot account for. Better not propagate from such plants. This need not necessarily be a weakness in the variety, but it may be simply a bud variation, the same as any other sport. If it happened to be some desirable color you would save it and call it a sport; in this case it is a rogue. A. F. J. B.

McKINLEY DAY.

Retailers everywhere should look forward to McKinley day, January 29, and each should do his share to stimulate the public interest. McKinley day will die an untimely death unless the trade does something to keep alive the spirit. Tell your local newspaper men of it and get them each to publish a little note to the effect that on January 29 everyone who voted for McKinley, or who reveres his memory, will wear a carnation. Refer to McKinley day in your local advertising and wherever possible give the sentiment a start on the morning of McKinley day by seeing that people on their way to work wear carnations. Last year one retailer did a good turn by decorating with a boutonniere every street car employee before the cars left the barns in the morning. Another started the business by putting boys at nearby street corners witn small baskets of blooms to sell at a nickel apiece to the people on the streets.

It would be the greatest mistake to undertake to advance the price of carnations for January 29, and growers need make no special preparations for the day. If the normal production can be put upon the streets that day it will be entirely satisfactory.



House of Aristocrat at Chicago Carnation Co., Joliet, Ill., Photographed September 1, 1906.

AMERICAN CARNATION SOCIETY.

The Chicago Carnation Co., Joliet, Ill., registers Carnation Beau Brummel, a large white overlaid with crimson, on the order of Prosperity, having more color than this variety; a cross between a white seedling and Harlowarden; an early, free and continuous bloomer, producing large well-formed flowers on good, strong stems.

Baur & Smith, Indianapolis, Ind., register Carnation Saint Nicholas, the brightest scarlet we have ever seen in any carnation, exactly identical with the geranium, Trego, in color; does not dull in aging; large bloom on fine, long and strong stem and very free; at its best during midwinter but comes in early and continues late; clean, vigorous, upright grower, with strong constitution; both parents seedlings.

Baur & Smith also register Carnation May, a full shade deeper and brighter than Enchantress; bloom of large size and well formed; opens up the center petals as soon as the bloom is unfolded; good substance and never bursts the calyx; stem of good medium length and strong as Lawson. A fine, healthy grower and very free; comes in very early and never lets up until midsummer; both parents are seedlings.

ALBERT M. HERR, Sec'y.

CARNATION WINSOR.

At Scarboro, N. Y., the next station to Tarrytown, a few miles higher up the Hudson, there is a wonderful transformation occurring, for here on newly purchased land, coming right down to the railroad station, the F. R. Pierson Co. is establishing one of the most picturesque and beautifully located nurseries in America. The grounds at present cover nearly sixty acres and many fine collections are to be seen. Here, too, there is being brought into existence a great range of glass. In addition to eight older rose houses each 300 feet long, there have recently been built three plant houses over 300 feet in length and from fifty to sixty feet in width. One of these houses, built on the U-bar design, is shown in the accompanying illustration. It is planted with the new Winsor carnation. This particular house is 50x300 feet, heated and ventilated by the latest improvements. In it are ten solid beds divided half way by a 6-foot passageway. In these beds are planted 15,000 Winsor and on these plants, by a carefully counted bench, a fair average would place the number of visible buds and blooms on these 15,000 plants that day, January 9, at 165,000.

Winsor is a seedling raised from Daybreak and Albertina on Lawson, resulting in an entirely distinct variety, yet retaining all that which is best in its triple parentage. If there is any predominant element it is that which distinguishes the Lawson. Its healthy and profuse foliage is, if anything, a shade lighter than that of the above mentioned variety. Its flowers are borne on stiff stems, from fourteen to twenty-four inches in length. There is none of that brittleness about the stem that characterizes some other varieties. Not a single bursted calyx was discernible. In size the flower is the equal of Lawson.

There are three benches of Winsor planted two years ago. They have never been disturbed, merely receiving the ordinary culture necessary to stock plants. Today they are a mass of healthy foliage, blooms and buds. Twelve thousand plants were put out in solid beds from 2½-inch pots last June. Large cuts were made early in October. In November 10,000 blooms



House 50x300 of the F. R. Pierson Co., Scarboro, N. Y., with Winsor Carnation in Solid Beds.

were picked; in December, 20,000, and it is figured January will give 30,000. The yield at present for these 12,000 plants averages 1,000 blooms a day. It apparently is not a cropper. It brought $20 per hundred wholesale at Christmas and now averages from $8 to $12.

Because this house has solid beds it must not be inferred that the Pierson Co. either argues in favor of this system or that Winsor is particularly susceptible to its advantages, for in one of the other large houses mentioned it is shown grown on benches and looks just as well. For instance, the plants on one elevated bench were from 2¼-inch pots and planted August 1. Flowers were gathered from these in October and there is a fine crop now on. This particular bench is the wonder and admiration of all visitors.

Winsor made a hit at the fall shows and will be much in evidence at Toronto next week. It looks a good thing and will be widely tried next season.

THE TORONTO CONVENTION.

The Event of the Carnation Year.

Next week the greatest event of the year as regards the carnation industry takes place at Toronto. It would be difficult to estimate in dollars and cents what this annual event is worth to the carnation industry and, in fact, to the whole floricultural world. Its influence is felt in every branch of the business, and especially does it directly benefit the locality in which the convention is held. Nothing will bring this flower before the public as do these exhibitions; and in every case a larger demand for high grade blooms follows. The sacrifices and expenses incurred by any florists' club or society in entertaining this society is quickly repaid in that way. There is no movement that can be and deserves more universal support from the whole craft than does this society. All benefit in about the same degree and, being national in extent, local jealousies are more easily kept in the background than in the case of local exhibitions.

Personal Benefit.

Just how much you benefit by its work and influence will depend, in a large measure, on your own efforts. No man gains prominence by sitting back and folding his hands. The men who gain prominence are those who take active part in whatever is doing and are always ready and willing, and it is prominence that draws business. It makes no difference whether you are grower, retailer or commission man; whenever your patrons recognize the fact that you are prominent in your profession, they gain respect for you and, other things being equal, they will trade with you in preference to your less prominent competitor. You don't need to be president, either, but it is a good idea to be pres-ent.

If you are in a little town and your townsmen hear that you traveled a thousand miles to attend the convention they will sit up and take notice. We have members in our state society who declare that the fact that they come to our city and occasionally win a premium, causes their city to feel that they are about the whole show, and trade follows.

Make an Exhibit.

If you have some good stock take some along and see how it compares with the best there is, and show others what you can do. It will be a great satisfaction to yourself if it grades up to the best, and will win you respect from the others. If you have a pet seedling of your own, and I'll guarantee that you have, you can find out whether it will "trot" or not. If it is a crackerjack you will be able to confirm your good opinion.

Just how full developed the blooms should be when you pack them up will depend somewhat on the distance you have to ship them. If the distance is short they can be cut quite full when they are packed, but if shipped a long distance you would better allow for development on the way. A fully developed bloom will suffer much more in transit than a young bloom and there is considerable development during a two-days' journey.

Be sure the blooms are in good shipping condition. They should be in water several hours before being packed; and do not crowd them in the vases, but allow each bloom to stand out separate, so it can develop all around. Try to have your blooms reach the show in such condition that they will last through the two days. They may not score quite so high the first day, but if your variety is one of the few that look fresh on the second day it will gain many friends, especially if it is a new

one. Those are the things that are jotted down in the note books and made use of in the future when orders are placed.

There are many styles of packing, and each prominent grower has his own ideas along that line. But two things I want to say: Don't use ice, but scatter wet sphagnum between the stems and cleat them so they cannot move around.

A. F. J. BAUR.

INDIANA FLORISTS' OFFICERS.

Herman Junge.

Herman Junge, president of the State Florists' Association of Indiana, was born in Weimar, Germany, in 1865. After graduating from high school he served a three years' apprenticeship with the head gardener of the Grand Duke of Saxe-Weimar. He came to America in 1890 and, after a brief stay with Peter Henderson & Co. in New York, he went to Denver, Colorado.

He located in Indianapolis in 1892 and in 1894 formed a partnership with Carl Sonnenschmidt, an old schoolmate. As the combination of these two names proved too much for the American jaw, the firm name was changed to plain Smith & Young Co. Besides the older establishment in the city of Indianapolis, with its 20,000 feet of glass, they now own a range of 30,000 feet of glass on a twenty-five-acre tract near Cumberland, Indiana. Both cut flowers and plants are grown, the firm having achieved an especially good reputation for its success with violets.

A. F. J. Baur.

The name of A. F. J. Baur, now secretary of the State Florists' Association of Indiana, will be recognized by the trade as that of the author of carnation notes and answers to carnation queries in the REVIEW.

Mr. Baur was born January 9, 1876, at Bloomfield, Pa. His father was a clergyman and the family lived in several places; but the lad attended school in whatever locality their home chanced to be until he was 13 years old. At this age he was sent to F. Morat's Sons, at Louisville, Ky., where he worked in the greenhouse for two years. After this he went to work for the E. G. Hill Co., of Richmond, Ind., January 21, 1891. He remained with this firm five years, having charge, at different times, of the carnations and exhibition mums, the latter in 1893, 1894 and 1895. It was while at this place that Mr. Baur became interested in plant breeding and in carnations; and here under his hand originated Triumph, Armazindy and Flora Hill.

It was December 11, 1895, when he went to Stuart & Haugh, at Anderson, Ind., to grow roses, and January 1, 1897, before he had reached his twenty-first birthday, he became foreman of H. A. Niemeyer's place, at Erie, Pa. He remained with this firm two years, then took a similar position with Charles Siebert, of Pittsburg, but remained there only five months.

Mr. Baur formed the partnership with F. S. Smith, who was also a graduate from the Hill establishment, May 20, 1899, and together they leased the Bernie Fohl place, at Indianapolis, where they have been ever since. The firm of Baur & Smith has enjoyed continued prosperity, having trebled its capacity since starting. In 1905 they started a new place, building one house 30x355, to which they are this season adding another of the same dimensions. Seeing the possibilities for high-grade carnations soon after locating in Indianapolis, they have devoted nearly the whole place to them and have built up a splendid trade, both in blooms and rooted cuttings.

Mr. Baur has been writing carnation notes for the REVIEW since 1900 and has answered hundreds of inquiries in regard to the culture of this flower. He married April 10, 1901, Miss Elma Steinkamp, of Richmond, Ind., and their first born, a daughter, came January 3 of this year. Mr. Baur is a member of the American Carnation Society.



John Heidenreich.

John Heidenreich.

John Heidenreich, the treasurer of the State Florists' Association of Indiana, was born in Germany in 1866 and came to American when only 18 years of age. For seven years he worked in the establishments of many florists in many cities and gained a wide knowledge of the business, finally bringing up at Indianapolis, where he started in business for himself in 1901 at Applegate and Iowa streets, where he now has a range of about 22,000 square feet of glass. He is an expert plantsman and makes a specialty of spring plants for the wholesale market in Indianapolis.

PRESIDENT TOTTY'S INAUGURAL.

[Charles H. Totty's inaugural address, delivered before the New York Florists' Club, at its meeting January 10, 1907.]

In assuming the office of president of this organization, permit me to say first of all, that it is not my wish or desire to deviate in the least degree from the policy that has successfully marked the terms of my predecessors in office. The club is making history rapidly, both in the increase in membership and in the regard with which it is considered by the outside horticultural world, and it will be my chief aim to throw no obstacle in the path of its progress.

No Change in Policy.

There are one or two suggestions that I will speak on before I close, but they are not of such moment as to be considered any change in policy or in any way revolutionary.

That I appreciate the honor you have done me in electing me as your president goes without saying. As I look around I see many good members here who are more entitled to this office than I am; men who have borne the heat and burden of the day, in the old days when it was more or less of a struggle to keep the organization on its feet. To these members who are now willing to stand aside and let the younger men push along the car of progress I feel doubly grateful.

A suggestion was made to me by W. J. Stewart, president of the S. A. F., that this club should appoint a committee on closer relations with the S. A. F. This suggestion I consider is a valuable one and would like to see it come up for discussion later in the evening and such a committee appointed. In unity there is strength, and if all the horticultural societies in the country had



Herman H. Junge.

trust that members will avail themselves of this aid to knowledge, for in the multitude of counsel there is wisdom.

Outing and Entertainment.

It has been suggested that the outing committee find a new place to hold the picnic this year, or suggest some change in that method of enjoyment. I trust the new committee will grapple with the problem and be ready with any changes they may deem worth trying and present them at an early date for the club's consideration. The outing is the children's day and I trust we will be able to arrange an enjoyable affair, without having a heavy burden of work and worry fall on the heads of a faithful committee for their pains.

Bowling is an enjoyable pastime, and most of our cities have a bowling team in connection with their florists' club. It is to me a matter of regret that New York makes such a wretched showing at the annual meetings of the S. A. F. Will it never be possible for the club to render some assistance, to organize a bowling club for members only and give us a chance to win some of the splendid trophies annually competed for? I would much like to hear some discussion on this subject.

It has been suggested that the annual dinner be held at a new hotel or some means be adopted to make this an event that every member of the club will be anxious to participate in. If any member has any suggestions to offer, under this head, it will be necessary to do so tonight, as the dinner committee will get to work at once.

A Permanent Home.

I would like to see some provision made before long for a permanent home for the club. This is a thing that can-

a connection with each other, through the S. A. F., it might be that much good could come through it. The primary object of all such organizations as this is the advance of floriculture and as the keynote in all lines of business life now is coöperation, so could we, by coöperating with kindred bodies, accomplish much more in a given time.

The Private Gardener.

We are a body chartered under the name of the New York Florists' Club. Whether this name has in the past acted as some of our members think it has to keep out a large body of private gardeners, who as practical horticulturists would be valuable men in our ranks, is an open question. But if such an idea does exist, we should endeavor to find ways and means to correct such a misunderstanding. Whether this could best be done by personal solicitation or through the operation of a special committee I leave to you, but I would like to see an effort made to induce very many more of the private growers to join us.

I trust the award committee will, as in the past, use their best judgment in scoring exhibits, so that the seal of this club's approval, being placed on any new variety of plant or flower, will mean that that particular variety is worthy of such an honor. Let us by all means keep our merit marks up to the standard and be governed, as in the past, by an honest and conservative estimate of the novelties put before us.

The question box has been useful in the past and can be made so again. I



A. F. J. Baur

not be done in a month or a year, but we could make a start, looking to that end. I would favor the appointment of a building committee, if the club as a body think well of the idea; this committee to look the field over and study out ways and means to acquire title to property in the name of the club.

We have many good, successful business men in the club and I am confident that a representative committee could evolve a financial plan whereby this idea could be made feasible and I leave it with you for your careful and serious consideration. We must not be hasty in action on such a proposition, either to accept or reject it; but I do trust that every member will think it over in his own mind and come prepared at some future meeting to talk on the subject intelligently.

In conclusion, fellow members, I beg of you to give me your encouragement and support during the coming year. Attend all the meetings you possibly can. Bear with my mistakes until I have familiarized myself with my duties, and in return, I promise to give this club the best that is in me.

CLEANING GREENHOUSE GLASS.

I have about 9,000 feet of glass and started to scrub it first with strong lye, then with soap powder, but had no success with either. The glass is so smoky and dirty that if a man walks along outside he cannot be seen at all, and I must get it off. I would highly appreciate any information to assist me in my undertakings. J. P. H.

If lye applied to the glass will not remove the dust and smoke we don't know what will. Perhaps you did not go at it in a very effectual way. Tie a bunch of rags on the end of a pole, saturate the rags in the lye water and rub them over the glass and before the glass is dry rub it with another bunch of rags. Have a helper playing the hose on the glass. Lye will take off paint, much less smoke. The man with the hose can keep the glass wet a few feet beyond you and wash off what you have rubbed off with the rags and lye water. Where lead and oil have been foolishly used on the glass for a summer shade we have known it to be necessary to sprinkle the glass with lye water and then get on the roof with scrubbing brushes. W. S.

CYANIDE.

Please give me a safe and efficient receipt for fumigating 9,100 feet, with top and side ventilation. My potassium cyanide seems to be strong, as it bleached some carnation buds and the Asparagus plumosus. A. W.

I could easily give you my formula for the poison, but it appears that cyanide is often of different degrees of strength and that would make a difference in quantity needed.

Our formula, which we have often used and found safe and efficient, is one pint water and one pint in weight of sulphuric acid. Mix the water and acid in a gallon butter jar and, if more than one jar is needed, place the jars equally divided on the floor of the greenhouse path. At sunset add to each jar two and one-half ounces of cyanide of potassium. Have each little parcel of cyanide done up in double paper. Start at one end of the house and walk along and drop the parcel of cyanide into the jar of water and acid. If there are two paths, then you will need an assistant, but there is not the slightest danger if you both go right along, neither ahead of the other, as it takes a minute or so for gas to be generated. As your house contains 9,100 cubic feet of atmosphere, then you will need six jars.

The above formula is for 1,500 cubic feet of atmosphere. Keep the ventilators closed all night.

If you have not given me the cubic feet, I suppose you know to get it; find out how many superficial feet there are in the gable end of your greenhouse and multiply by the length of the house. Don't go to the village store for your cyanide; go to a wholesale druggist in your nearest large city. W. S.

REFUSE HOPS.

Please let me know if brewery hops, that is, waste, make as good a dressing as cow manure, as cow manure is becoming scarce. A. L.

I am unable to say what chemical properties refuse hops contain, but having used hundreds of tons I can say something about them. They heat most violently if left in a heap for a few days and this makes them a valuable ingredient for a hotbed mixed with leaves. I have ploughed them into the sand and they have raised great crops of wheat and other grain. I have used a fifth of hops to four-fifths of soil for carnation benches and picked more flowers of old varieties, as Edwardsii, than I ever have since.

When partially decomposed, so that they will run through a coarse sieve they make the finest of fertilizers for geraniums, begonias, fuchsias, in fact, any of our greenhouse plants, except roses. As a mulch they are unequaled for transplanted trees and shrubs. For plunging plants on a greenhouse bench they are unequaled. It is not an article to be compared with cow manure. It contains little or no ammonia, but its mechanical effect on the soil is wonderful.

Why we don't use much of it of late years is because brewers use less hops and the farmers have learned the value of them and are glad to cart them away. W. S.



PROPAGATION BY GRAFTING.

There are many different styles of grafting, but the style followed by most rose growers for indoor stock is the style called whip grafting, or some modification of the same. As speed and expediency are the principal objects to be obtained, nearly every propagator has his own favorite style, which is the one he is usually most proficient in.

The manual part of this operation, although quite simple, seems at first irksome and difficult to those who have had no experience in this class of work; and they are usually afraid to make a trial, the bogie of failure being ever present in their minds.

The fundamental principle pertaining to all styles of grafting is the necessity of having a direct communication between the layers of inner bark in all the parts to be united, as without this a perfect union cannot be effected. The woody parts of the stock and scion never unite, but are usually so covered up by the outer growth, that unless the parts be dissected it is never discovered.

The usual style of modified whip grafting is performed somewhat as follows: place the pot containing the stock firmly between the knees, then with a keen edged knife begin about one-half an inch above the soil in the pot and make an oblique cut upward. This cut should be from one-half an inch to three-quarters of an inch in length. Pick out a scion as nearly as possible the same diameter as the stock and make a similar cut thereon, but reversed. Place the wounds together and wrap firmly but not tightly, with some soft material, such as soft cotton twine or raffia.

The plants should, without delay be placed in the grafting box, as any lengthened exposure to the dry atmosphere is apt to shrivel the scion. Immediately after being placed in the case the whole should receive a good sprinkling and kept moist for some time.

This method of grafting seems to the uninitiated a very slow business, but a little experience and attending to the principles and details will insure speed and success.

The future care of the stock while in the case and after its removal to the bench will form the basis of a future article. Ribes.

OUTDOOR ROSES FOR CUTTING.

In the Review of January 10, under the above heading, B. S. asks for the best varieties. In addition to Mr. Scott's remarks allow me to say that if B. S. will adhere closely to his advice as regards soil, etc., and observe the following he will strike the nail on the head.

About May 1 select plants from 2½-inch pots, of such varieties of the teas and hybrid teas as are ordinarily strong



Rooting Rose Cuttings at the Establishment of Peter Reinberg, Chicago.

growers, eliminating none because of their supposed tenderness. Rather bear in mind the colors most desired. Plant in beds or rows. If conditions are right the product should be considerable the first summer.

In the fall after hard frosts and before winter, usually in Ohio about November 1, carefully loosen the soil around the stem of each plant; bend the plant flat to the ground and cover entirely with at least two inches of soil; three inches will be better. When completed, the bed or row should show no signs of the contents. On top of this place a good coating of strawy manure. It is better to defer this last operation for a couple of weeks, or until the ground is frozen an inch or more in depth. Evergreen boughs, corn fodder or other litter on top of the whole will be an advantage in the northern latitudes, but not absolutely necessary.

The object is not to prevent the roses from freezing, but to rather prevent their thawing on every bright day during winter. The reasons for this are apparent and need no explanation.

The following year, when outdoor vegetation shows signs of spring, uncover the plants carefully and straighten by firming the soil with the foot. Then use the knife fearlessly. Cut everything back to mere stubs, and short stubs at that. Leave nothing over two inches from main stem. In this manner you concentrate all growth into the base buds.

The tenderest roses should winter perfectly in this manner any place in the United States. In our northern latitudes there are localities where they are subject to thaws and warm spells in winter. There I would advise a heavier covering for reasons above stated. Repeat the process from year to year, bearing in mind to loosen the soil around the stems before bending down. The reasons for this are apparent. Use the knife more freely each season, aiming to hold the bushes to a medium size. In fact, they should not be allowed to increase much after the second season. To maintain fertility depend upon the top dressing of manure and bone meal.

I should perhaps say that while all varieties will prove hardy under this treatment, not all varieties will produce good results. There are some sorts of teas and hybrid teas that are especially good outdoor bedders. These are what you want to tie to. S. C. TEMPLIN.

SWEET PEAS CLOSING.

What is the best way to keep sweet peas after being cut? Mine close tight after being cut. S. P.

Sweet peas open very slowly in dark, dull weather and unless fully open will close on the plant about 5 p. m. We think you have picked the flowers before they were sufficiently open. Unlike many of our commercial flowers, which increase in size when cut and put in water, the sweet peas, especially cut before they are fully out, do not develop a particle after being cut. Let your flowers be more fully open and I don't think you will complain of their closing. W. S.

PREVENTS FROST ON WINDOWS.

One cold day last winter when B. Eschner, whom everybody knows, was sitting, with his ear muffs down, his mittens and his rubbers on, behind a frost-covered hotel window waiting for train time, he ran across the following in a paper:

"This has been a bad winter for the storekeeper in more ways than one. And one of the ways has been the frosting of the show windows. Burning gas in the windows to keep off the frost is unsatisfactory. Many storemen run electric fans in the windows and this in a measure keeps down the ice, but it is detrimental to the stock in the window. For this purpose the Pharmaceutische Zeitung recommends the application of a mixture consisting of fifty-five grams of glycerine dissolved in one liter of sixty-two per cent alcohol, containing, to improve the odor, some oil of amber. 'As soon as the mixture clarifies, it is rubbed over the inner surface of the glass. This treatment, it is claimed, not only prevents the formation of frost, but also stops sweating.'

LATE BULBS.

I have a number of bulbs left from my fall sales and have not had time to get them out and would like to know if there is any way I can use them. Can I get them ready for Easter? I have tulips, narcissi, Dutch and Roman hyacinths. W. C. W.

You can plant your tulips, hyacinths and narcissi in flats three inches deep and place them in a frame and cover with three or four inches of soil. They will be in fine order for Easter forcing and you will find the quality of flowers quite as good as those you planted in October and November.

As a proof of this, some years ago it froze up before we had filled an order for a customer in the fall and we had to wait until our January thaw, which usually occurs. It was the middle of January before we got them into the ground and they gave us splendid flowers in April and May. Get your bulbs into good, friable soil at once and you are all right. W. S.

SEEDING OF LORRAINE.

In the issue of the Gardeners' Chronicle for December 15 there was a note on Begonia Gloire de Lorraine, by B. Cromwell as follows: "The stock was raised by leaf propagation from cuttings, and from seed, the latter germinating on the surface of the pans, which last year were suspended in the corridor, thus showing clearly that B. Gloire de Lorraine will reproduce itself from seed providing the atmospheric surroundings are suitable."

There are many growers who have yet to learn that Begonia Gloire de Lorraine does produce seed. We shall be much surprised if the note by Mr. Cromwell does not fall as a bombshell on the ears of many professional men. The theory that hybrids are not capable of reproducing themselves by seed is, we know, gradually being broken down; but that B. Gloire de Lorraine is assisting in upsetting this theory is somewhat surprising. The number of articles that have been published during the past fifteen years, in reference to the propagation and cultivation of this plant are enormous; but we do not recollect reading of anyone being successful in the saving of seed, at least with one exception. A note appeared in the Gardeners' Chronicle about six years ago. It had been inserted by a leading firm of nurserymen, and stated that they had been successful in the raising (not saving) of seed, and that they hoped at a future date to be in a position to exhibit the plants at a meeting of the Royal Horticultural Society. Whether they had the "honor" of doing this we trow not.—Gardeners' Chronicle.

MISCELLANEOUS SEASONABLE HINTS.

Bougainvilleas.

If you have any bougainvilleas that have been resting it is time to get them into a warmer house and freely water and syringe them. They will break from the ripened wood and the breaks will be flowers.

Gardenias.

You can put in cuttings of gardenias now. The very tender, young growths are not suitable for cuttings. What florists call the half-ripened wood of last fall is more suitable for cuttings. Put them in sand where the bottom heat is 70 degrees and they will soon root. We lately saw a lot of gardenias from which we thought something might be learned. These were a lot in 6-inch pots that had been lifted from a bed where they had been planted out. The foliage was yellow, as it had been on the plants before lifting, while half a dozen large plants in 9-inch pots were as green as bay trees and covered with buds. Possibly while planted out the smaller plants were overwatered, and, it being a rather cool house for gardenias, the plants could not use all the material given them; while the larger plants were a mass of roots and did absorb all the moisture provided them.

Dutch Hyacinths.

You can bring into the greenhouse now at any time a few hundred pots of Dutch hyacinth. They are always welcome. Give them, after the first few days inside, a temperature of 60 degrees to 65 degrees and they soon will be in flower. The first batch will take two weeks longer to come into flower than do succeeding crops.

Fuchsias.

You should put in all the vigorous fuchsia cuttings this month. Fuchsias put in the sand this month will make quick growing, vigorous plants that will be in flower in May. After the end of this month you can no longer get good fuchsia cuttings. The old plants are so anxious to grow the cuttings will want to flower instead of grow and will not make healthy plants.

Zonal Geraniums.

It is really remarkable how many complaints we get from people who say that their geraniums do not flower We have had quite a different experience. Our zonal geraniums would, from May 1, flower themselves to death if we did not pick off many of the full blown trusses. This is by no design of ours. Perhaps it is merely the soil. For the first two or three weeks of January we are busy shifting the geraniums from 2-inch to 3-inch pots. This is a small shift, but you can always so reduce the ball that it will make it a substantial shift. Some growers will say this is too great an expense. If you want fine 4-inch geraniums in May it will pay. In shifting use a heavy loam, with little, if any, animal manure. The only manure of that kind that you should use would be the remains of an old hotbed, which could only be of mechanical benefit to the soil.

About the first part of February you should move and go over all your 3-inch geraniums. Most of them will give you a cutting. Don't ruin or stunt a plant for the sake of a cutting. If the growth is not sufficiently long to give you a cutting, then just nip out the center of growth and you will have an extra fine branching plant, but the majority will give you a cutting and still leave you enough stem to branch and make a good plant. Firm, hard potting at this time is of great consequence, but not so important as the later shift from 3-inch to 4-inch pots.

The cuttings you take off the young plants should not be put into the sand. Put them into 2-inch pots, making sure the soil is firm and compact around the base of each cutting and place the pots on a bench in a house where the temperature is 50 degrees. Water once thoroughly and then give no more water until the plants are decidedly dry. You should not lose ten per cent of them. Plants rooted in the pots are much better than those rooted in sand. These winter-struck plants will not be as large or early as those you are shifting into 3-inch, but they will come in for late beds in June. This class of geraniums is largely succulent and will do with less water than is generally given them. Let them be decidedly dry before you water. Up to the first part of April you do not want them to grow and make leaves; you only want them to make good roots in the 3-inch pots.

There is one advantage in an early Easter; you have a chance to attend to your bedding plants, so this year you will be able, early in April, to give your zonal geraniums their 4-inch pots. Avoid any rich manure, which will produce leaves and not flowers. At this shifting pot firmly, using a fresh loam with the addition of a 4-inch pot of bone flour to a bushel of soil. Pot firmly and give geraniums at all times the fullest light and plenty of ventilation.

Do this and I do not see how you can complain that your geraniums do not flower. We have often seen geraniums, tall, leafy things, grown in partial shade, but always found such plants were grown in soil that was half rotten manure or leaf-mold and they had gone to leaf instead of flower.

Begonia Semperflorens.

Sow seeds of Begonia semperflorens this month. The seed is very minute and needs no covering. Scatter the seeds very thinly over the freshly-watered surface of the soil and place the pots or flats where no ray of sun will reach them. This class of begonias is very useful. They make a most acceptable pot plant. They are fine for filling vases and window-boxes and some of the varieties make splendid flower beds. You cannot sow the small seeds too thinly. WILLIAM SCOTT.

NEW YORK.

The Market.

Brothers Scott, the beavers, the deer and the wild birds were all false prophets this year and the long, cold winter is now an impossibility. Before we know it the equinoctial storms and Easter will be here. Last week was one of rains, fogs and high temperatures and this week opens just as depressingly, with little prospect of clear, cold, seasonable weather. The result of it all is seen in the color of the flowers and the scarcity of fine roses, while the influence of clouds and wind is felt in every department of the florists' trade. All prices have naturally fallen. The best Beauties seldom go above $50 per hundred and Bride, Maid, Killarney and the red roses especially, have all declined in values. The same may be said of carnations, valley and even cattleyas, while of hyacinths and narcissi there is enough and to spare. With a change to winter weather will come a brisk demand, better quality of stock and a revival in the general business that has already been too long delayed.

President's Dinner.

President C. H. Totty, of the New York Florists' Club, entertained at dinner on Saturday evening, at the Hotel Earlington, the following gentlemen whom he constituted his cabinet, and in addition the secretary of the S. A. F., P. J. Hauswirth, of Chicago: John Birnie, Wm. Duckham, A. J. Manda, J. B.



Delivery Team Belonging to C. C. Trefel, Brooklyn, N. Y.

(The value of the outfit is $1,500.)

Nugent, Jr., J. H. Pepper, W. J. Stewart, Walter Sheridan, John Scott, J. Austin Shaw, F. H. Traendly, Chas. B. Weathered, L. W. Wheeler, and John Young. Patrick O'Mara and others were prevented by illness from being present. The dinner was flawless. Many suggestions looking to a year of unequaled prosperity for the club were made and a good many novel and helpful methods were discussed that cannot fail to bear fruit. An interesting address was made by Secretary Hauswirth. How to run a successful flower show was elaborated. The consent of Mr. Nugent to supervise the commissary another year was welcomed with enthusiasm. John Birnie spoke for the canteen and its refining power. Mr. Duckham and Mr. Manda represented the private gardeners and prophesied large accessions of these to the club membership.

The president of the S. A. F. had many interesting reminiscences and much good advice on tap. Everyone present evinced the liveliest interest in the club's welfare. Mr. Traendly resumed the captaincy of the outing ship. But the theme of greatest interest was the establishment of a permanent home for the club, with all the conveniences of libraries, bowling alleys and the other modern club requisites so alluringly exhibited by the Philadelphia brethren. It was unanimously acknowledged that the time was ripe. President Totty, notwithstanding a week of grip and slow convalescence, was full of enthusiasm and valuable suggestions and these, with many others made at the dinner, will be incorporated in his address and read at the club meeting on Monday evening. It was the Lord's day, as Bro. Birnie expressed it, when the congregation dispersed, after one of the most enjoyable and interesting evenings of the dinner season. The decorations were of Elsa Struss carnations supplied by John Young.

Club Meeting.

The first meeting in 1907 of the Florists' Club was a hummer, nearly 100 members being present and the keenest interest being maintained until nearly midnight. The success of the Totty administration is already assured. His address was a model of conciseness, practicability and simple eloquence. Following this splendid effort were practical and appreciative addresses by the new officers and trustees, Messrs. A. J. Manda, John Young, L. W. Wheeler, John Scott, Walter Sheridan and John Donaldson.

The president appointed the following committees: Legislature — Messrs. O'Mara, Sheridan and Hallock; essays —Messrs. Scott, O'Mara and Wallace; awards—Messrs. Duckham, Hurrell; Jos. Manda, Harry Turner, Pye, Hoffmeyer and Butterfield; exhibition—Messrs. Jas. Scott, Guttman, Weber, Kessler, Weston and Dailledouze; outing—Traendly, Shaw, Burnett, Al Rickards, Donaldson, Gottlieb, Marshall, Zeller and Langjahr; house and entertainment—Messrs. Nugent, Will Rickards and Robert Schultz; dinner—Messrs. Scott, Birnie and Sheridan.

The report of Mr. Weathered, the retiring treasurer, showed a balance of over $2,000 in the treasury. The unanimous vote of thanks from the club attested the appreciation felt for the nineteen years of faithful service given by Mr. Weathered. Later in the evening practical demonstration of his popularity was shown in the presentation through Mr. Sheridan, on behalf of the club, of a beautiful and valuable solid silver tea service.

The resolutions on the death of Mrs. E. V. Hallock were adopted.

The six gentlemen proposed at the last meeting for membership were elected, and Robert Berry, Henry Hornecker, Albert Weisenberger, August Bergerot, A. F. Faulkner and Geo. E. Dickinson were nominated.

The award committee reported favorably on the exhibits of Salvia nana compacta, from F. G. Mense, of Glen Cove, L. I.; Beacon carnations, from the Cottage Gardens Co.; three varieties of cypripediums, from Edward J. Norman, of Lee, Mass.; a plant of Moschosma riparium, from William Duckham, of Madison, and a patented pot hanger from W. C. Krick, of Brooklyn.

Messrs. Nugent and Rickards inaugurated their regime with an abundance of good things to eat. Phil. Hauswirth thought their work was above par. His speech was heartily applauded and his ideas on closer relations with the S. A. F. and the desirability of membership in the parent society met with sincere approval. He spoke for the national show at Chicago in 1908. President Totty told of the excellent management of the Chicago show of 1906. Benj. Hammond gave a splendid address in behalf of the rose meeting at Washington in March. He was ably seconded by Robert Simpson, president of the rose society.

President Totty was authorized to appoint a committee on closer relations with the S. A. F. and it was decided to have the club's annual dinner early in February.

Various Notes.

The daughter of Wm. Amos, Jr., is very ill with spinal meningitis and little hope of her recovery is entertained.

Julius Kretschmar, uncle of A. H. Langjahr, suffered his second paralytic stroke last week but has rallied encouragingly.

Patrick O'Mara is recovering from a severe attack of the grip but was unable to attend the meeting of the Florists' Club Monday evening, much to his regret. Several members of his family are suffering from the same disease, which is now epidemic in New York and vicinity. In fact, dozens in the trade are ill and the majority have already had a siege of it. There seems to be no worse climate than this for the development of this annoying form of influenza and in some cases pneumonia has followed it.

Harry Bunyard is back from his western and Canadian trip and says it has been the most successful since his connection with the seed house of A. T. Boddington. Mr. Boddington has had his share of the grip with the rest of his brethren. D. P. Roy, of Montreal, long with the seed house of W. W. Ewing & Co., is now with this house.

William F. Kasting, of Buffalo, was an expected visitor in the city Monday, but failed to reach the club meeting as anticipated. However, the president and secretary of the Rose Society and the president and secretary of the S. A. F. added dignity and interest to the New York Club's first meeting for 1907 and President Totty begins his reign under distinguished auspices.

On Sunday evening the store and conservatory of Hale's, at East Orange, were entered by thieves and considerable stock and plants stolen.

One of the striking evidences of the wonderful telephone development is presented by the telephone directory, which is now a book of 738 pages, weighing three pounds, and containing the names of the telephone subscribers of New York and vicinity. This book is revised and distributed every four months, the size of the edition being graphically shown by the fact that one edition of the books fills a train of twenty-five freight cars. In the flower stores the book has come to be considered the best general directory of New York and vicinity, which is a further indication of the completeness of the telephone development.

Bobbink & Atkins are having built for them by the Lord & Burnham Co. a new azalea house 268 feet long. This firm is preparing for a tremendous Easter trade.

Julius Roehrs Co. is shipping superb valley and lilac blooms to the New York market. This company has made a specialty of large orange trees in fruit and has some fine specimens of these, as well as bay trees. Of the latter it sent two to Newport last week valued at $500 a pair.

The Rickards brothers, the seedsmen, have been making melody at the Madison smoker and the Red Bank dinner and are booked for every horticultural

SEEDING OF LORRAINE.

In the issue of the Gardeners' Chronicle for December 15 there was a note on Begonia Gloire de Lorraine, by B. Cromwell as follows: "The stock was raised by leaf propagation from cuttings, and from seed, the latter germinating on the surface of the pans, which last year were suspended in the corridor, thus showing clearly that B. Gloire de Lorraine will reproduce itself from seed providing the atmospheric surroundings are suitable."

There are many growers who have yet to learn that Begonia Gloire de Lorraine does produce seed. We shall be much surprised if the note by Mr. Cromwell does not fall as a bombshell on the ears of many professional men. The theory that hybrids are not capable of reproducing themselves by seed is, we know, gradually being broken down; but that B. Gloire de Lorraine is assisting in upsetting this theory is somewhat surprising. The number of articles that have been published during the past fifteen years, in reference to the propagation and cultivation of this plant are enormous; but we do not recollect reading of anyone being successful in the saving of seed, at least with one exception. A note appeared in the Gardeners' Chronicle about six years ago. It had been inserted by a leading firm of nurserymen, and stated that they had been successful in the raising (not saving) of seed, and that they hoped at a future date to be in a position to exhibit the plants at a meeting of the Royal Horticultural Society. Whether they had the "honor" of doing this we trow not.—Gardeners' Chronicle.

MISCELLANEOUS SEASONABLE HINTS.

Bougainvilleas.

If you have any bougainvilleas that have been resting it is time to get them into a warmer house and freely water and syringe them. They will break from the ripened wood and the breaks will be flowers.

Gardenias.

You can put in cuttings of gardenias now. The very tender, young growths are not suitable for cuttings. What florists call the half-ripened wood of last fall is more suitable for cuttings. Put them in sand where the bottom heat is 70 degrees and they will soon root. We lately saw a lot of gardenias from which we thought something might be learned. These were a lot in 6-inch pots that had been lifted from a bed where they had been planted out. The foliage was yellow, as it had been on the plants before lifting, while half a dozen large plants in 9-inch pots were as green as bay trees and covered with buds. Possibly while planted out the smaller plants were overwatered, and, it being a rather cool house for gardenias, the plants could not use all the material given them; while the larger plants were a mass of roots and did absorb all the moisture provided them.

Dutch Hyacinths.

You can bring into the greenhouse now at any time a few hundred pots of Dutch hyacinth. They are always welcome. Give them, after the first few days inside, a temperature of 60 degrees to 65 degrees and they soon will be in flower. The first batch will take two weeks longer to come into flower than do succeeding crops.

Fuchsias.

You should put in all the vigorous fuchsia cuttings this month. Fuchsias put in the sand this month will make quick growing, vigorous plants that will be in flower in May. After the end of this month you can no longer get good fuchsia cuttings. The old plants are so anxious to grow the cuttings will want to flower instead of grow and will not make healthy plants.

Zonal Geraniums.

It is really remarkable how many complaints we get from people who say that their geraniums do not flower We have had quite a different experience. Our zonal geraniums would, from May 1, flower themselves to death if we did not pick off many of the full blown trusses. This is by no design of ours. Perhaps it is merely the soil. For the first two or three weeks of January we are busy shifting the geraniums from 2-inch to 3-inch pots. This is a small shift, but you can always so reduce the ball that it will make it a substantial shift. Some growers will say this is too great an expense. If you want fine 4-inch geraniums in May it will pay. In shifting use a heavy loam, with little, if any, animal manure. The only manure of that kind that you should use would be the remains of an old hotbed, which could only be of mechanical benefit to the soil.

About the first part of February you should move and go over all your 3-inch geraniums. Most of them will give you a cutting. Don't ruin or stunt a plant for the sake of a cutting. If the growth is not sufficiently long to give you a cutting, then just nip out the center of growth and you will have an extra fine branching plant, but the majority will give you a cutting and still leave you enough stem to branch and make a good plant. Firm, hard potting at this time is of great consequence, but not so important as the later shift from 3-inch to 4-inch pots.

The cuttings you take off the young plants should not be put into the sand. Put them into 2-inch pots, making sure the soil is firm and compact around the base of each cutting and place the pots on a bench in a house where the temperature is 50 degrees. Water once thoroughly and then give no more water until the plants are decidedly dry. You should not lose ten per cent of them. Plants rooted in the pots are much better than those rooted in sand. These winter-struck plants will not be as large or early as those you are shifting into 3-inch, but they will come in for late beds in June. This class of geranium is largely succulent and will do with less water than is generally given them. Let them be decidedly dry before you water. Up to the first part of April you do not want them to grow and make leaves; you only want them to make good roots in the 3-inch pots.

There is one advantage in an early Easter; you have a chance to attend to your bedding plants, so this year you will be able, early in April, to give your zonal geraniums their 4-inch pots. Avoid any rich manure, which will produce leaves and not flowers. At the shifting pot firmly, using a fresh loam with the addition of a 4-inch pot of bone flour to a bushel of soil. Pot firmly and give geraniums at all times the fullest light and plenty of ventilation.

Do this and I do not see how you can complain that your geraniums do not flower. We have often seen geraniums, tall, leafy things, grown in partial shade, but always found such plants were grown in soil that was half rotten manure or leaf-mold and they had gone to leaf instead of flower.

Begonia Semperflorens.

Sow seeds of Begonia semperflorens this month. The seed is very minute and needs no covering. Scatter the seeds very thinly over the freshly watered surface of the soil and place the pots or flats where no ray of sun will reach them. This class of begonias is very useful. They make a most acceptable pot plant. They are fine for filling vases and window-boxes and some of the varieties make splendid flower beds. You cannot sow the small seeds too thinly. William Scott.

NEW YORK.

The Market.

Brothers Scott, the beavers, the deer and the wild birds were all false prophets this year and the long, cold winter is now an impossibility. Before we know it the equinoctial storms and Easter will be here. Last week was one of rains, fogs and high temperatures and this week opens just as depressingly, with little prospect of clear, cold, seasonable weather. The result of it all is seen in the color of the flowers and the scarcity of fine roses, while the influence of clouds and wind is felt in every department of the florists' trade. All prices have naturally fallen. The best Beauties seldom go above $50 per hundred and Bride, Maid, Killarney and the red roses especially, have all declined in values. The same may be said of carnations, valley and even cattleyas, while of hyacinths and narcissi there is enough and to spare. With a change to winter weather will come a brisk demand, better quality of stock and a revival in the general business that has already been too long delayed.

President's Dinner.

President C. H. Totty, of the New York Florists' Club, entertained at dinner on Saturday evening, at the Hotel Earlington, the following gentlemen whom he constituted his cabinet, and in addition the secretary of the S. A. F., P. J. Hauswirth, of Chicago: John Birnie, Wm. Duckham, A. J. Manda, J. B.



Delivery Team Belonging to C. C. Trefel, Brooklyn, N. Y.

(The value of the outfit is $1,500.)

Nugent, Jr., J. H. Pepper, W. J. Stewart, Walter Sheridan, John Scott, J. Austin Shaw, F. H. Traendly, Chas. B. Weathered, L. W. Wheeler, and John Young. Patrick O'Mara and others were prevented by illness from being present. The dinner was flawless. Many suggestions looking to a year of unequaled prosperity for the club were made and a good many novel and helpful methods were discussed that cannot fail to bear fruit. An interesting address was made by Secretary Hauswirth. How to run a successful flower show was elaborated. The consent of Mr. Nugent to supervise the commissary another year was welcomed with enthusiasm. John Birnie spoke for the canteen and its refining power. Mr. Duckham and Mr. Manda represented the private gardeners and prophesied large accessions of these to the club membership.

The president of the S. A. F. had many interesting reminiscences and much good advice on tap. Everyone present evinced the liveliest interest in the club's welfare. Mr. Traendly resumed the captaincy of the outing ship. But the theme of greatest interest was the establishment of a permanent home for the club, with all the conveniences of libraries, bowling alleys and the other modern club requisites so alluringly exhibited by the Philadelphia brethren. It was unanimously acknowledged that the time was ripe. President Totty, notwithstanding a week of grip and slow convalescence, was full of enthusiasm and valuable suggestions and these, with many others made at the dinner, will be incorporated in his address and read at the club meeting on Monday evening. It was the Lord's day, as Bro. Birnie expressed it, when the congregation dispersed, after one of the most enjoyable and interesting evenings of the dinner season. The decorations were of Elsa Struss carnations supplied by John Young.

Club Meeting.

The first meeting in 1907 of the Florists' Club was a hummer, nearly 100 members being present and the keenest interest being maintained until nearly midnight. The success of the Totty administration is already assured. His address was a model of conciseness, practicability and simple eloquence. Following this splendid effort were practical and appreciative addresses by the new officers and trustees, Messrs. A. J. Manda, John Young, L. W. Wheeler, John Scott, Walter Sheridan and John Donaldson.

The president appointed the following committees: Legislature — Messrs. O'Mara, Sheridan and Hallock; essays —Messrs. Scott, O'Mara and Wallace; awards—Messrs. Duckham, Hurrell; Jos. Manda, Harry Turner, Pye, Hoffmeyer and Butterfield; exhibition—Messrs. Jas. Scott, Guttman, Weber, Kessler, Weston and Dailledouze; outing—Traendly, Shaw, Burnett, Al Rickards, Donaldson, Gottlieb, Marshall, Zeller and Langjahr; house and entertainment—Messrs. Nugent, Will Rickards and Robert Schultz; dinner—Messrs. Scott, Birnie and Sheridan.

The report of Mr. Weathered, the retiring treasurer, showed a balance of over $2,000 in the treasury. The unanimous vote of thanks from the club attested the appreciation felt for the nineteen years of faithful service given by Mr. Weathered. Later in the evening practical demonstration of his popularity was shown in the presentation through Mr. Sheridan, on behalf of the club, of a beautiful and valuable solid silver tea service.

The resolutions on the death of Mrs. E. V. Hallock were adopted.

The six gentlemen proposed at the last meeting for membership were elected, and Robert Berry, Henry Hornecker, Albert Weisenberger, August Bergerot, A. F. Faulkner and Geo. E. Dickinson were nominated.

The award committee reported favorably on the exhibits of Salvia nana compacta, from F. G. Mense, of Glen Cove, L. I.; Beacon carnations, from the Cottage Gardens Co.; three varieties of cypripediums, from Edward J. Norman, of Lee, Mass.; a plant of Moschosma riparium, from William Duckham, of Madison, and a patented pot hanger from W. C. Krick, of Brooklyn.

Messrs. Nugent and Rickards inaugurated their regime with an abundance of good things to eat. Phil. Hauswirth thought their work was above par. His speech was heartily applauded and his ideas on closer relations with the S. A. F. and the desirability of membership in the parent society met with sincere approval. He spoke for the national show at Chicago in 1908. President Totty told of the excellent management of the Chicago show of 1906. Benj. Hammond gave a splendid address in behalf of the rose meeting at Washington in March. He was ably seconded by Robert Simpson, president of the rose society.

President Totty was authorized to appoint a committee on closer relations with the S. A. F. and it was decided to have the club's annual dinner early in February.

Various Notes.

The daughter of Wm. Amos, Jr., is very ill with spinal meningitis and little hope of her recovery is entertained.

Julius Kretschmar, uncle of A. H. Langjahr, suffered his second paralytic stroke last week but has rallied encouragingly.

Patrick O'Mara is recovering from a severe attack of the grip but was unable to attend the meeting of the Florists' Club Monday evening, much to his regret. Several members of his family are suffering from the same disease, which is now epidemic in New York and vicinity. In fact, dozens in the trade are ill and the majority have already had a siege of it. There seems to be no worse climate than this for the development of this annoying form of influenza and in some cases pneumonia has followed it.

Harry Bunyard is back from his western and Canadian trip and says it has been the most successful since his connection with the seed house of A. T. Boddington. Mr. Boddington has had his share of the grip with the rest of his brethren. D. P. Roy, of Montreal, long with the seed house of W. W. Ewing & Co., is now with this house.

William F. Kasting, of Buffalo, was an expected visitor in the city Monday, but failed to reach the club meeting as anticipated. However, the president and secretary of the Rose Society and the president and secretary of the S. A. F. added dignity and interest to the New York Club's first meeting for 1907 and President Totty begins his reign under distinguished auspices.

On Sunday evening the store and conservatory of Hale's, at East Orange, were entered by thieves and considerable stock and plants stolen.

One of the striking evidences of the wonderful telephone development is presented by the telephone directory, which is now a book of 738 pages, weighing three pounds, and containing the names of the telephone subscribers of New York and vicinity. This book is revised and distributed every four months, the size of the edition being graphically shown by the fact that one edition of the books fills a train of twenty-five freight cars. In the flower stores the book has come to be considered the best general directory of New York and vicinity, which is a further indication of the completeness of the telephone development.

Bobbink & Atkins are having built for them by the Lord & Burnham Co. a new azalea house 268 feet long. This firm is preparing for a tremendous Easter trade.

Julius Roehrs Co. is shipping superb valley and lilac blooms to the New York market. This company has made a specialty of large orange trees in fruit and has some fine specimens of these, as well as bay trees. Of the latter it sent two to Newport last week valued at $500 a pair.

The Rickards brothers, the seedsmen, have been making melody at the Madison smoker and the Red Bank dinner and are booked for every horticultural

dinner for weeks ahead. They have added Will Wooden, a popular baritone, to their staff and now make music to beat the band. The New York Florists' Club depends on them to manage its musical programs. Their business is growing beyond all expectations. Albert Rickards is now visiting his customers on Long Island.

Once more we may remind you of the carnation convention at Toronto, so that you may still secure a berth in the special car that leaves the Grand Central depot of the New York Central at 8 p. m. Tuesday, January 22. Make no mistake as to the hour and secure tickets in advance. The attendance from the city and vicinity will be large and all anticipate a delightful outing in the land of ice and snow. If all these sick ones in this damp, grippy climate could get a few days of the dry, pure air of Toronto, they would be well. The carnation convention is almost as popular as the S. A. F. convention nowadays and the new and grand varieties grown and sent out from this center compare with any in the world. It is little wonder the attendance from New York will be a large and creditable one.

W. H. Donohoe had the family order for a large funeral at West Brighton, Staten Island, last week, which included a palm decoration, a casket cover of 4,000 violets and a standing wreath of valley and orchids.

Beecher said that, "in the smile of a child and the sweet face of the rose he could see the Infinite," and so in the elaborate window display at Alex. McConnell's, in the Arcade, you can imagine you see about everything worth seeing in floral combination and beauty.

Some remarkable exhibits are to be seen in the Broadway and Fifth avenue windows, at times bordering on the sensational: marble statuary, ribbons in profusion, trunks filled with orchids, great Japanese and European vases filled with spring flowers, forsythia and double flowering plum. After all, why not anything that will attract and advertise and so increase a public interest? Basket combinations are most artistically managed. The new ferns are grand acquisitions. These and many other novelties are being used to open the blind eyes and appeal to the dormant artistic taste of the great multitude who day and night wander up and down the great white way.

Truman C. Flagler, of 926 Fulton street, Brooklyn, has sold his business to Wm. H. Dudley.

Wm. Starke has been ill with the grip and so is in the fashion. His plant trade continues to increase and more room is a necessity.

C. Bonnet, of Bonnet & Blake, Brooklyn, has about regained his health after nearly three months' ordeal that reduced him over fifty pounds in weight.

J. AUSTIN SHAW.

NEWPORT, R. I.

Changes in Ownership.

For a few years several prominent Newport summer residents have absented themselves from the queen of summer resorts. This fact in some degree affected commercial horticulture, but not to a great extent, because in many cases the residences of those absentees were each year leased by others. Now several of those, who in recent years have leased places here, have purchased large estates lately owned by persons who had become indifferent to the attractions of Newport and there is much gladness in the hearts of many engaged in the retail trade.

The most notable of recent transactions of the kind referred to is the purchase, by William B. Leeds, of Rough Point, the beautiful estate of F. W. Vanderbilt. Mr. and Mrs. Leeds, since they have made Newport their summer home, have been among the most lavish entertainers and their entertainments were invariably noted for the grandeur of the floral decorations. There are vague rumors that a range of greenhouses will be built for supplying plants, fruits and flowers to the new owners of Rough Point.

Pembroke Jones has also purchased a large estate and has engaged P. Devine, lately gardener for the Baroness Seilierre, to superintend improvements and alterations. It is more than probable that greenhouses will be built by Mr. Jones.

Society Meeting.

The Newport Horticultural Society held its first meeting of the year, January 8, in the society's hall in the Mercury building, President Bruce Butterton in the chair. At a meeting of the executive committee, held a week before, it was voted to make the following recommendations to the society: That during the year 1907 two exhibitions of plants, flowers, fruits, vegetables and decorations be held in Masonic hall; that the amount of money to be appropriated for premiums should not be less than $1,000; that the price of admission be reduced from 50 cents to 25 cents, and that music and dancing should take up a part of at least one evening of each exhibition. All the recommendations were adopted.

The first exhibition will be, in great part, of roses and the exact time at which it will be held will be decided later, but it will most likely be in the last week in June or the first week in July. The other exhibition will just as likely be held in early September, when dahlias will again be a prominent feature.

A communication was read from Professor Wheeler, of the Rhode Island Experiment Station, in which he stated his willingness to deliver one or more lectures before the society during the winter. The secretary was requested to accept the offer on behalf of the society and invite Professor Wheeler to deliver the first address Tuesday evening, January 22. The subject of the address will be, "Soda in the Soil in its Relation to Plant Growth."

As the question of attendance at meetings is one that concerns every horticultural organization throughout the country, it may be of general interest to make it known that this society has had distributed to all its members a handsome calendar with the name and address of the president and secretary, with the day of the week and date upon which the meetings are held, prominently printed on them. This will, it is hoped, act as a sufficient reminder, to members, of their duty to themselves and to the society during the coming year.

Annual Ball.

The annual ball of the Newport Horticultural Society was held in Masonic hall January 9. For a month one of the best committees ever connected with the society was exceedingly busy in the preparations for this event. This committee consisted of Bruce Butterton, Daniel Coughlan, John T. Allan and Alexander Fraser; and to say that their work was well done would only be giving them meager credit. The committee met with unprecedented success, with the result that the other evening there gathered at the hall to make merry a larger and more congenial crowd than hitherto has met on a like occasion.

The hall was beautifully decorated with wreathing, bay trees, palms and bells, all of which were illuminated by electric lights innumerable. The stage was bordered from end to end with specimen plants of Begonia Gloire de Lorraine, donated by R. & J. Farquhar & Co., of Boston. Other out-of-town firms taking a substantial interest in the affair included, Stump & Walter, Hitchings & Co., Weeber & Don, Lord & Burnham, of New York, and Schlegel & Fottler, of Boston.

The grand march was led by Daniel Coughlan and Mrs. W. Allan, Jr. The Harry K. Howard orchestra furnished the music.

RALPH REILLY.

INDIANAPOLIS.

Current Comment.

Trade and weather conditions remain unchanged from last week. An average temperature of about 55 degrees in mid-winter is certainly strange in this latitude. Of course all kinds of stock shows the effects of so much warmth and cloudiness and all are wishing for colder weather and sunshine.

Association Meeting.

The twentieth annual meeting of the State Florists' Association of Indiana was a great success, both in attendance and exhibits. Great interest was shown in the business transacted and it is hoped much good will result from this meeting. The schedule for the judging of flowers and plants was taken up and adopted unanimously. Two amendments were made to the constitution of the society, defining the duties of the executive committee. Ira Clark, of Greensburg, and Albert Pettit, of this city, were elected members. The officers for 1907 are: Herman Junge, president; Charles Knopf, Richmond, first vice-president; F. Hukriede, second vice-president; A. F. J. Baur, secretary, and John Heidenreich, treasurer.

A nice lot of carnations were exhibited and much admired and certificates were awarded to the following:

Sarah Hill, a large white, shown by the B. K. & B. Floral Co., scored eighty-seven points; Superior, a large, bright pink, shown by the same firm, scored eighty-five points; St. Nicholas, a fine scarlet, and May, a nice, light pink, shown by Baur & Smith, each scored eighty-five points.

Mabelle, shown by Weber & Sons Co., gained the honor and was well thought of by all. The color is extremely good and should fill a long-felt want in the pink class.

Pink Imperial, shown by J. E. Haines, had no opposition. It is in a class by itself. The large flowers of deep color and long stems put it head and shoulders above any other exhibit in the room. Imperial is all right, but the color won't go in this section. Striped carnations of any color never

have made much of a hit with the flower buyers of this city.

Winsor was shown by F. R. Pierson Co., but, owing to the long time it was on the road, was not in its best shape and those present who saw it last March at Cincinnati were sorry, as they knew what a fine thing it was there. It is one of the most pleasing shades of pink yet introduced.

The E. G. Hill Co. sent a vase of their rose, Rhea Riede, which scored ninety points. It had splendid red foliage, stem and bud being nearly perfect. They also had a vase of seedling carnations, some showing extra merit.

Stuart & Haugh showed some vases of nice Cardinal, Enchantress, Bountiful and Lawson carnations which received special mention.

F. Harritt extended an invitation to the society to hold its picnic on his grounds, at Willowmere, some time in June, which, of course, was quickly accepted.

Quite a number sat down to supper and a most enjoyable social time was had. Among the members from out of town were: F. Lemon and Charles Knopf, Richmond; W. W. Coles, Kokomo; J. E. A. Haugh, Anderson; Ira Clark, Greensburg and George Moore, Rushville. S.

BOSTON.

The Market.

The first half of January has been characterized by abnormally mild weather. Owing, however, to lack of sunshine the market has not been overburdened with flowers, and prices, as a consequence, have held up fairly well. There has been no decided change in prices of either roses or carnations. Both are cleaning up well. Violets are sufficient for all needs. A slump in prices is likely at any time, from the dollar mark, which has been the ruling figure for good stock since the holidays.

Bulbous stock comes more abundantly. Yellow daffodils sell well, realizing as much as $5 per hundred for the best. Le Reine is the leading tulip and is now arriving of good quality. Paper Whites and Romans are overplentiful. Some good freesia is seen. This realizes good prices, the pure white variety being most favored. A better supply of Lilium Harrisii and callas is arriving, but prices on these hold up well. Green stock remains about the same.

Club Meeting.

The meeting on January 15 drew the largest attendance of any regular gathering in the club's history, about 300 ladies and gentlemen being present. The principal attraction was the stereopticon lecture on southern Europe by John K. M. L. Farquhar. The views of Italian gardens showed these to be very different from the "creations" by landscape architects in America. Much of horticultural interest was gleaned from this lecture, which was given for the first time and embraced the leading sights seen during Mr. Farquhar's sojourn in Europe last summer. A pleasing additional feature was a preliminary talk on club matters illustrated with lantern views of leading club officials, past and present. An enthusiastic vote of thanks was tendered the lecturer.

President Wheeler welcomed the large audience in a few well chosen words. He expressed his grateful thanks to the secretary, treasurer and the members of the executive committee for the faithful and hard work during his tenure of office. The club members were also thanked for their kindness and staunch support in every effort he had made for their welfare. Whenever they had been asked to contribute anything it had been done most cheerfully and every committee appointed had rendered loyal service. They had worked together with one object, viz., the uplifting and advancement of their profession, and that they had accomplished something the present condition of the club speaks eloquently. He tendered special thanks to the reporters of the horticultural press for their liberal notices, which had done much to hold the interest of the members, and concluded amid warm applause by introducing T. H. Westwood, his successor, as one who had ever attended the meetings with regularity and worked in every possible way for the best interests of the club.

Mr. Westwood received an enthusiastic greeting on rising. In the course of his remarks he said the membership of the club had increased rapidly in the last three years. They hardly expect to grow quite so rapidly in numbers in the present year, as the various elements were already largely represented in the club. They expect, however, to grow on other lines. The landscape classes are but the beginning in a small way along educational lines of greater things to come. The papers read at the regular meetings ought to be of first importance and efforts will be made to have the best speakers procurable on the several subjects to be handled during 1907. It should be the club's province to assist deserving members who may be out of positions. It would also add dignity to the club to enroll as honorary members some of the men of eminence in which Boston is rich, who have performed valiant service for the various branches of the profession.

The secretary in his report stated that the club had made a net gain over all losses of 240 since January, 1905. He believes Boston should hold a membership of 400 in its club without trouble. He stated that he has received inquiries in regard to the landscape classes from as far away as Wisconsin and Colorado, showing the interest this branching out has caused. He believes a plan whereby certificates could be presented to those who had taken landscape courses would be of great benefit to them in later life.

Treasurer Hatch in his annual report, presented in his own inimitable way, gave a timely talk on thrift. He was glad there is a balance of over $200 on the right side for 1906 and the club should make an effort to add a substantial sum to its bank account each year.

Seven new members were elected. Wm. Nicholson resigned from the executive board, giving ill health as his reason. Mr. Downs was elected to the vacancy.

Miss Gray furnished readings. There were several fine exhibits. Reports of merit were given to the following: Wm. Sim, for Violet Boston; R. & J. Farquhar & Co., for Begonia Lorraine superba, with very large flowers; Mr. Downs, for specimen plants of Lorraine; S. J. Goddard, for cyclamens. Peter Fisher received a report of superior merit for Carnation Beacon.

An amendment to the constitution relative to voting members, election of new members, reports of committees on exhibits, and other matters occupied some time. Refreshments were served and it was quite a late hour ere the meeting closed.

Various Notes.

The winter lecture course at Horticultural hall opened January 12 with an exhaustive and eminently practical talk on iris culture by J. Woodward Manning. The various species were illustrated by lantern-slide views, which made it the more interesting. Many questions were asked at the close of the lecture.

The elaborate floral decorations at the ball given by Mr. and Mrs. W. B. Thomas, January, 11, at the Hotel Somerset for the coming out of their daughter were furnished by T. F. Galvin. An immense amount of material was used.

The opening exhibition of the Massachusetts Horticultural Society will be held January 26. Carnations will be one of the principal features. The new schedules are now ready and may be obtained from W. P. Rich, the general superintendent at Horticultural hall.

The annual banquet tendered to the employees of A. H. Hews & Co. was held January 12 in Odd Fellows' hall, North Cambridge.

The Pierson U-Bar Co. has secured the contract for a splendid block of greenhouses for Senator N. W. Aldrich, Warwick, R. I., where F. C. Green is superintendent.

W. W. Rawson will celebrate his sixtieth birthday January 23 with a banquet at the Hotel Vendome.

The father of N. & M. Wax, the well-known florists, attained his seventy-seventh birthday January 13 and was well remembered by his sons on the occasion.

J. R. Lasseman is handling some extra fine freesia this season. He has the honor of being first in the market with it.

A good delegation to the carnation convention at Toronto seems probable at this time. It is to be hoped that a January blizzard will be escaped.

W. N. CRAIG.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held in Odd Fellows' hall Saturday evening, January 12, Joseph Bradley in the chair. The exhibits of the evening were bunches of fifty double violets. H. Kartberg, gardener to the Misses Masters, was awarded the first prize and H. Keeling, gardener to Mr. McComb, second. John Holgerson also staged some fine violets. Joseph Bradley, gardener to H. Sidenberg Hastings, staged some tomatoes, The Don, and was awarded a cultural certificate.

The exhibits for the next regular meeting are to be flowering pot plants in no more than 6-inch pots.

The society received a letter from the Dobbs Ferry Hospital Association thanking them very kindly for the amount they had received from that society. J. B.

CHATTANOOGA, TENN. —R. A. Stegall, who was formerly located in Texarkana, Ark., is now established in business in this place. He reports Christmas trade as excellent, but the continual cloudy weather caused a heavy loss on roses.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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HORTICULTURAL printing is showing another improvement in quality this season.

THE Philadelphians already are at work on arrangements for the August convention of the S. A. F.

It is the purpose of the Editor to cause the REVIEW to be unlike other publications for our trade. This will account for the non-appearance of certain manuscripts and illustrations sent simultaneously to all the papers. Inevitably certain matters must be duplicated, but it is useless to expect anyone to read a write-up twice, no matter how well prepared.

THE DEATH ROLL.

James Brails.

James Brails, assistant superintendent of parks at Buffalo, died at noon on Wednesday, January 16. He was a good and splendid man. W. S.

Reinhold Gidionsen.

Reinhold Gidionsen, a veteran florist, 87 years old, died at his home in St. Louis, Mo., January 8. He had been a resident of St. Louis for thirty-three years. He was born in Schleswig-Holstein, Germany, and participated in the revolution of 1848. He leaves a wife, four sons, Albert, Herman, Edward and Oscar, and a daughter, Dora Gidionsen.

REMEMBER THE CERTIFICATE.

Those who attend the Toronto convention next week should not fail to tell the ticket agent, when purchasing the railroad ticket, "I want a certificate on account of the meeting of the American Carnation Society." Get the certificate anyway, no matter if you do not intend to use it to save yourself two-thirds the fare on the return journey. Get it to help save the other fellows' money. The reduced fare returning does not apply unless 100 certificates are turned over to the secretary. Last year at Boston, with an attendance of 200 to 300, there were only eighty-four certificates, so many had failed to ask for them, and it was late when it was discovered. The difficulty was remedied by telephoning to a florist out aways, who brought sixteen employees and friends to town on the last train. It saved the day, but it was a close call.

The Editor is pleased when a Reader presents his ideas on any subject treated

THE WEEKLY FLORISTS' REVIEW

As experience is the best teacher, so do we learn fastest by an exchange of experiences. Many valuable points are brought out by discussion.

Good penmanship, spelling and grammar, though desirable, are not necessary. Write as you would talk when doing your best.

WE SHALL BE GLAD TO HEAR FROM YOU.

THE READERS' CORNER.

Lorraine at Christmas.

In the REVIEW of January 10 I note that your Kansas City correspondent very truthfully states that "flowering plants took the lead" at Christmas, but he makes an error when he says that Begonia Gloire de Lorraine is not a good seller or a popular plant. If the correspondent had spent a short time at 1017 Broadway (the store of Sam Murray), where Lorraine is handled, he would not think it had a dark future.

WALTER BERMINGHAM.

[What the correspondent actually said was: "Begonia Gloire de Lorraine is all right, but don't last long enough after being taken from the greenhouse and will never be the leading plant for Christmas." Mr. Bermingham, who is Mr. Murray's foreman, has had exceptional success in growing Lorraine, as REVIEW readers have reason to know because of the several photographs of his plants reproduced in its columns in the last couple of years, and there is no doubt they sell, but that there is anything in the enduring qualities of the plant to recommend it to customers we have not yet heard; in fact, we believe the best most retailers are willing to say for Lorraine is that it will keep at least as long as holiday cut flowers.—ED.]

Mice Eating Swainsona.

I read in a recent issue of the REVIEW about someone who was having trouble because an unknown pest was eating swainsona. I had the same trouble a while ago, but I invested in a couple of mouse traps and soon saw what it was caused the damage. After I had caught six or eight mice that I had not known were in the greenhouses I had no further trouble.

GEORGE ALLARD.

An English View.

I send my cheque for renewal of subscription to the REVIEW and am glad to say I have found it a most useful trade paper; we have nothing like it on this side of the "herring pond." The amount of information given weekly is invaluable to all growers and retailers. The cultural hints are fine. You will be interested to hear how great is the progress the American carnation is making in Great Britain. It has been adopted unanimously by the whole of the trade, Jersey and Guernsey growers especially laying themselves out to cater to the rapidly growing demand for cut blooms and plants. We now get a regular supply of fine blooms as much as four inches across on strong stems eighteen to twenty-four inches long. They are grown in pots and also on the American system of planting in benches, chiefly straight from the small pots to the benches, as the season is too short here for field planting and lifting. Our growers are now raising some fine seedlings and Smith's Brittania is worth the attention of American growers. It is a scarlet, superior to Victory or Robert Craig, fine as they are. Also Mrs. H. Burnett is a pink salmon you will hear of, a most pleasing color and different from everything now grown.

ALVA J. HALL.

Harrogate.

Get This Week's Supply

OF AMLING

and see how it compares in

Quality, Service and Salibility

We have plenty of stock—all grades, including the kind the most critical will approve.

Carnations are especially good—the best large lot to be found in the west.

Beauties and Roses are abundant and fine. Try them today.

VIOLETS AND VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

AMERICAN BEAUTIES		Per doz.
Stems, 30 to 36 inches	$5.00 to	$6.00
Stems, 20 to 24 inches	3.00 to	4.00
Stems, 12 to 16 inches	1.50 to	2.00
Seconds	.75 to	1.00
Bridesmaid, per 100,	4.00 to	12.00
Bride, "	4.00 to	12.00
Chatenay, "	4.00 to	12.00
Golden Gate, "	4.00 to	12.00
Richmond and Liberty, "	6.00 to	15.00
Carnations, select, "	2.00 to	3.00
" large and fancy "	4.00 to	5.00
Miscellaneous Stock		
Violets, N. Y. double, "	.75 to	1.00
" single, "	.75 to	1.00
Valley, select, "	2.00 to	4.00
Callas, per doz.	1.50 to	2.00
Harrisii, "	2.00 to	2.50
Mignonette, "	.50 to	.75
Sweet Peas, per 100,	1.00 to	1.50
Romans, "		3.00
Paper Whites, "		3.00
Jonquils, "	4.00 to	5.00
Tulips, "	4.00 to	5.00
Green Goods		
Asparagus Plumosus, per string,	.35 to	.50
" " per bunch,	.35 to	.75
" Sprengeri, per 100,	2.00 to	5.00
Adiantum, "		1.00
Smilax, per 100, $15.00; per doz.		2.00
Ferns, per 1000, $2.50; per 100,		.25
Leucothoe Sprays, per 1000, $6.00; per 100, 75c		
Galax, green and bronze, per 1000, $1.00.		
" " " " per case, 10,000, $9.00		
Boxwood, 35c per bunch; $7.50 per case		

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. **Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic** **Chicago, Ill.**

Mention The Review when you write.

CHICAGO.

The Great Central Market.

Business took a brace the latter part of last week and there was quite a cheerful tone in the market, but this week has seen a relapse. It is all blamed to the weather. It has been decidedly depressing and it seems that the whole town is ill with a cold. The local demand is confined almost entirely to stock for funeral purposes. It keeps white stuff cleaned up closely and, indeed, about the only surplus at the present time is in Lawson carnations.

The long-continued dark weather has reduced the crops of Beauty, but at the same time quality and demand have gone down so that prices are lower than at any time since Christmas. Short Beauties especially are poor. Good Brides and Maids are in strong request and holding up in price. The call for short stuff for funeral purposes has given the low grade roses unusual value and practically everything in the rose line cleans out quickly.

Carnations were in the dumps last week, sales averaging lower prices than at any time in months, but this week increased demand is resulting in better averages, although prices on fancy have been reduced in the price lists. There is considerable complaint of the softness of the flowers. They are in sore need of a few days of bright, cold weather.

There was a tremendous slump in violets last week. Receipts were not large, but the only outlet for the bulk of the stock was through the Greeks. This week they are doing a little better, Monday's demand serving to clean up the market for the first time in several days. There are increased supplies of Harrisii and callas, but Paper Whites and Romans are in lighter supply. All these sell well because of the demand for funeral work. Not many tulips are in, nor are there enough jonquils to go around. The supplies in this line will increase with great rapidity in the next few days.

There is much complaint at the quality of ferns, both those now coming from Massachusetts and those from cold storage. Green goods are not in heavy supply, nor are they in great demand. Many funeral wreaths are being made of boxwood and leucothœ and these two items move well.

Club Meeting.

There was a good attendance, and two boxes of cigars, at the Florists' Club January 10, when President H. N. Bruns called to order promptly at 8 p. m. All the new officers were present. It gives promise of being a most punctual and efficient staff. P. C. Schupp is recording secretary and E. C. Amling financial secretary.

President Bruns announced his committees, as follows: Good of the club—J. F. Klimmer, Leonard Kill, H. B. Howard; transportation—P. J. Hauswirth, George Asmus, W. N. Rudd; sports—John Degnan, Charles Balluff.

John Evart and Joseph Marks were elected to membership and A. T. Pyfer, H. Cheesman and H. Manheim were proposed.

For the committee on good of the club J. F. Klimmer suggested that the club's annual carnation show is due in February and it was decided to have the exhibition on the regular meeting night, February 14, opening at 7 p. m. E. F. Winterson, P. C. Schupp and Leonard Kill were appointed to take charge of the show and were instructed to invite all local growers to stage their best and all raisers of novelties to send exhibits. Mr. Klimmer also suggested that section foremen for all the local growers be urged to put in writing, briefly, their views as to the merits and faults of the varieties they now are growing. It was considered a fine idea and adopted.

George Asmus brought up the matter of the date of the election and Leonard Kill moved the date be changed. It requires an amendment in the by-laws and a resolution placing the election in January was laid over under the rules.

The trustees were authorized to renew the lease on the present club room, two nights a month, to May, 1908, if no better arrangement can be made. The room is used only one night a month.

Professor Hasselbring, secretary of the Illinois State Florists' Association, called attention to the convention at Bloomington next month.

J. Hamlin, of Geneva, Ill., was given a vote of thanks for an exhibit of hothouse tomatoes.

Adjournment was at 9:30.

The Season's Biggest Range.

While George Reinberg has not as yet announced his plans for building this season, it is reported that he is placing orders for material for eight houses, each 27x300. This is covering a ground area of 65,000 square feet, or approximately an acre and a half. Greenhouse

WHITE LILAC Ready January 20

WHITE LILAC is one of the specialties on which we have led the Western markets for years. This year our supply will be **larger than ever** and the quality promises to be superb.

CARNATIONS in plenty for McKinley day, January 29.

ROSES, VIOLETS, VALLEY, TULIPS and all other cut stock in season in large supply.

FLORISTS' SUPPLIES

WE HAVE A BRIGHT, NEW COMPLETE STOCK.

Send us an order today. You will find **all your needs** illustrated and priced in our New Catalogue. If you haven't it hung on a nail beside your desk, a postal card will bring it to hang there.

A. L. RANDALL CO.

19-21 Randolph St., CHICAGO

builders say this is likely to be the largest range erected for the Chicago market this season, though one of the privileges as inalienable as the right to change prices without notice is any big grower's right to reconsider his decision expressed in, "I guess I'll take a rest, and not build this year." Consequently other announcements are likely at any time.

Grafted Roses.

Growers for the Chicago market more and more are resorting to the grafting of their Brides and Maids, a practice which heretofore has been much more common among the leading growers in the big eastern centers. Bassett & Washburn were leaders in the use of grafted stock, but others have been making tests of results which have satisfied them that the extra trouble of preparing young stock is worth while. J. A. Budlong grafted a large part of the stock benched this season, and so did George Reinberg. Both are satisfied. Peter Reinberg has been grafting a few thousand of Brides, Maids, Liberty, etc., each season for several years and is so well pleased that now he has 60,000 Manetti stocks potted for use in the next few weeks.

Various Notes.

The Chicago delegation to Toronto will travel via the Wabash and Canadian Pacific, leaving here at 3 p. m. Tuesday. The train reaches Detroit, where it will pick up the delegation from that city at 10:40 Tuesday evening, arriving at Toronto at 7:15 a. m. The florists will have a special car. The route is a fare and a third on the certificate plan. Berths will be reserved on application to P. J. Hauswirth or George Asmus. Eight or ten, at least, will go.

P. J. Hauswirth has returned from his trip to New York and Boston. He will have some interesting reports to make at the next club meeting.

Bassett & Washburn will exhibit their seedling carnation, No. 20, at the Toronto convention.

E. H. Hunt reports sending considerable quantities of the Carlson aster seed to states as distant as Massachusetts.

John Sterrett is now with Zech & Mann, succeeding Mons Olson.

C. W. McKellar reports an excellent demand for gardenias. The stock is much improved in quality since Christmas, the stems being twice as long.

The trade will be pleased to learn that Andrew McAdams is much improved in health.

The box manufacturers have advanced the prices of such shipping cases as florists use about fifteen per cent.

Fred Sperry, of Vaughan & Sperry, reports that last Sunday a sneak-thief stole the chicken prepared for the family's Sunday dinner.

A. J. Greaves, of Bloomington, was one of the week's visitors. The Bloomington people are anticipating a good attendance at the annual meeting of the State Florists' Association next month.

J. H. Grohosky, who was with E. H. Hunt during the holiday rush, is now with Henry Koropp.

Robert Schenck, who has been located at Pittsburg and Youngstown for the last two or three years, is again in Chicago.

Poehlmann Bros. Co. is cutting fine rubrum lilies from cold storage bulbs. They are quite a novelty in this market at this season.

Henry Payne, the Hinsdale grower, is also an expert amateur photographer.

The adjourned meeting of the Horticultural Society of Chicago was held at the Auditorium Annex yesterday afternoon.

Wietor Bros. have a number of excellent seedling carnations. A red is particularly good and will be planted in considerable quantity next season. If it lives up to its present promise it may be distributed. There also is a pink, a trifle darker than Lawson, which may find its way on the market.

The employees of the Wienhoeber Co. announce their first informal reception at the Svithiod club house, 1768 Wrightwood avenue, Wednesday evening, January 30. The committee consists of V. Bergman, W. W. Adams, D. A. Robertson and F. Pisternick. Goldsmith's orchestra has been engaged.

The Poehlmann Bros. Co. has named its deeper pink sport of Chatenay, calling it Morton Grove, and will disseminate it in 1908. It won the silver cup for best rose never before exhibited, at the last Chicago show. The Poehlmann Co. has a number of other new sorts that are well thought of.

A big crop of roses which has been held back by sunless skies promises to make the latter half of January show up well for Sinner Bros.

W. L. Kroeschell and Charles Kroeschell were among the employers at the labor conference at the residence of Mrs. Potter Palmer last Saturday evening.

The A. L. Randall Co. is expecting yellow tulips and white lilac every day

REGULAR SHIPMENTS

Daily, or as Wanted

Place these orders with us and get your supplies from the Largest, **Steadiest** and Best Quality stock in the market. No order too large for us to handle and none too small to receive careful attention. We have an eye to the future. **Write, Wire or Phone—Today.**

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Over 40-inch, select	$6.00
36-inch, select	5.00
30-inch, select	4.00
24 inch, select	3.00
18 to 20-inch select	2.50
15-inch, select	1.50
12-inch, select	1.00
Short stem, select ....per 100	6.00 to 8.00

ROSES	Per 100
Maid, Bride, Chatenay, select	$12.00
" " " first	10.00
" " " medium	$6.00 to 8.00
Sunrise, Perle, Gate, select	10.00
" " " " first	6.00 to 8.00

ROSES	Per 100
Richmond, Killarney, select	$25.00
" " first	$18.00 to 20.00
" " medium	12.00 to 15.00
Short stem Roses, good	4.00

Special long stem roses charged accordingly.

CARNATIONS	Per 100
Extra fancy Enchantress, Prosperity, Red, Lawson and White	$4.00
First quality	3.00
Split and short stems	$1.50 to 2.00
Harrisii	20.00
Rubrum Lilies	12.00
Tulips, Proserpine	5.00
Narcissus	3.00

Subject to change without notice.

	Per 100
Daffodils	$5.00
Romans	3.00
Valley	4.00
Violets	$0.75 to 1.00
Mignonette, large spikes	6.00 to 8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, fancy Croweanum	2.00
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings ....each	.50 to .60
Ferns ....per 1000	2.50
Galax ....per 1000	1.50
Leucothoe	1.00

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

Will You Have a Share?

Of the MONEY that is coming to the advertisers who offer their stock in the



...ANNUAL...

Carnation Number

THE WEEKLY FLORISTS' REVIEW

TO BE PUBLISHED

JANUARY 24, 1907

Containing a full report of the Toronto Convention and Exhibition of the American Carnation Society, and much other seasonable matter.

TIMELY for Special Advertising of

...NOVELTIES...

Carnation Cuttings	Building Material	Florists' Seeds
Decorative Plants	Insecticides	Ribbons
Forcing Stock	Rose Plants	Bench Material
Easter Specialties	Bedding Plants	Boilers

also Wholesale Cut Flowers and many other stocks in strong demand at this date.

"Our clearing sale adv. in the Special Autumn Number brought us three times as many orders as we could fill." FRANKEN BROS.

EARLY COPY IS A GREAT HELP

toward good display and position. If the size of your stock does not require a page adv. send a classified, but **SEND IT EARLY.**

CARNATIONS

Give McKinley day a boost in your local advertising—and order your stock of us—we shall have plenty—no advance in prices for that day.

VIOLETS

Best Hudson River stock. Largest supply in this market. Valentine's day is coming.

ALL OTHER STOCK IN SEASON.

VAUGHAN & SPERRY,

58-60 Wabash Ave., CHICAGO.

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$4.00 to $10.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	4.00 to 10.00
Chatenay	4.00 to 10.00
Killarney	8.00 to 15.00
Roses, our selection	5.00
CARNATIONS	2.00 to 2.50
" fancy	3.00 to 4.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
" single	.75 to 1.00
Harrisii Lilies, doz., $2.00 to $2.50	
Callas " 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00
Jonquils	5.00 to 6.00
Sweet Peas	1.00 to 1.50
GREENS	
Smilax Strings per doz.,	2.00
Asparagus Strings each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum per 100,	1.00
Ferns, common per 1000,	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

now. Emil Buettner is still cutting some splendid Brides and Maids.

J. S Dekema, of Jensen & Dekema, has gone to California for his health.

The Foley Mfg. Co. reports that it will be March 15 before the new factory is fully ready. J. P. Foley says 1906 showed a satisfactory increase over 1905, but nothing compared to what they will be able to do in 1907 with the new facilities.

W. H. Hilton is planning a trip to the Pacific coast.

The Dallas News, in a write-up of Col. Green's greenhouses, says it will not be long before Texas will be shipping Beauties to the Chicago market, instead of Chicago supplying Texas, as in the past.

ST. LOUIS.

The Market.

The weather has been warm, with little sun. Stock has been abundant, especially carnations and violets. There is about the usual activity in funeral work and some good decorations have been put up for balls, but otherwise business is considered dull. Shipping trade also has slacked up; still some say it is good certain days.

There were quite a lot of fancy Beauties which did not bring over $3 per dozen last week. Other fancy roses are scarce. Plenty of other grades are to be had. Carnations are in heavy supply, with values shrinking almost every day. Violets are not so much a glut as they were; still enough coming in to fully supply the demand. There is an oversupply of bulbous stock and prices have gone down on all kinds. There are plenty of greens.

Club Meeting.

The Florists' Club held an interesting and largely attended meeting January 10 in the new room in the Burlington building, which is fitted up with every convenience. Chairman Frank Weber, of the flower show committee, being out of the city, the secretary read the report showing that only $2,540 had been subscribed to the guarantee fund. A motion was made to discontinue the flower show, as the $10,000 guarantee fund had not been subscribed. This was ruled out of order by the president, as the time set is for the February meeting.

Applications for membership were received from Pierre Schneider and Henry Niemeyer, both growers in Kirkwood. The meeting February 14 will be known as "Carnation Meeting" and $50 in prizes will be offered, the trustees to have full charge of the exhibition.

Swan Peterson, of Gibson City, Ill., had on exhibition his seedling white carnation, No. 127. The judges, Messrs. Emil Schray, J. F. Ammann and A. Jablonsky, awarded it eighty-five points, also saying that they find it apparently a good commercial variety.

The question, "Do Flower Shows Help the Retail Business?" was answered by several of our leading storemen. It surely does help the trade in all branches.

Various Notes.

Frank A. Weber, of the H. J. Weber & Sons Nursery Co., has returned from

Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stem	$6.00
30-inch	4.00
24-inch	3.00
20-inch	2.50
18-inch	2.00
15-inch	1.50
12-inch	1.25
Short	$ .75 to 1.00
	Per 100
Maid and Bride	$6.00 to $10.00
Uncle John	6.00 to 10.00
Chatenay	6.00 to 10.00
Liberty	6.00 to 10.00
Richmond	6.00 to 10.00
Sunrise	6.00 to 10.00
Perle	6.00 to 8.00
Golden Gate	6.00 to 10.00
Killarney	8.00 to 15.00
Ivory	6.00 to 10.00
ROSES, our selection	5.00
Carnations	2.50 to 4.00
Valley	4.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas per doz.	2.00 to 3.00
Harrisii "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns per 1000	2.00
Galax "	1.00

Mention The Review when you write.

Wietor Bros.

51 Wabash Avenue,

CHICAGO

Current Price List

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.00
8-inch stems	.75
	Per 100
Brides, fancy	$10.00
" good	6.00
Bridesmaids, fancy	10.00
" good	6.00
Liberty, fancy	10.00
" good	$6.00 to 8.00
Richmond, fancy	10.00
" good	6.00 to 8.00
Chatenay, fancy	10.00
" good	6.00
Uncle John, fancy	10.00
" good	6.00
Perle	6.00 to 10.00
Roses, our selection	4.00
CARNATIONS, Good	3.00
" Fancy	4.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

CARNATIONS

Supply is large and quality fine. Shall have big cuts on for McKinley day, January 29.

VIOLETS VALLEY

And all other stock in season in large supply

WE ARE HERE TO SERVE YOU.....

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

	Per doz
BEAUTIES	
30 to 36-inch	$5.00 to 6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Teas)	Per 100
Bride and Maid	$6.00 to $10.00
Richmond and Liberty	6.00 to 12.00
Golden Gate and Uncle John	6.00 to 10.00
Chatenay	6.00 to 10.00
Roses, our selection	5.00
CARNATIONS	2.00
" fancy	3.00
" extra fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	1.00 to 1.25
Violets, single	1.00
Harrisii Lilies, per doz.	3.00
Callas, "	2.00
Valley	4.00
Paper Whites	3.00
Romans	3.00
Tulips	4.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35
Adiantum, per 100	1.00
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



Headquarters

I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

CURRENT PRICE LIST

Gardenias.....per doz.	$4.00 to $6.00
ORCHIDS, a specialty.	Per doz.
Dendrobium Formosum	$5.00 to $6.00
Cattleyas	6.00 to 7.50
Cypripediums	2.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	6.00
24 to 36-inch stems	4.00 to 5.00
15 to 20-inch stems	2.00 to 3.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory, Gate	6.00 to 10.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise, Perle	6.00 to 10.00
Roses, my selection	4.00
Carnations, large fancy	4.00 to 5.00
" good stock	2.00 to 3.00
Violets, double or single	.75 to 1.00
Harrisii or Callas, per doz.	2.00
Valley	3.00 to 4.00
Paper Whites, Romans	3.00
Tulips, Jonquils	4.00 to 6.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax.....per doz.,	1.50 to 2.00
Asparagus Strings...each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum.....per 100,	1.00
Ferns.....per 1000,	2.00 to 2.50
Galax "	1.00
Boxwood Sprays, per bunch	.35
" " per 50-lb. case,	$7.50
Wild Smilax, case	$3.00, $4.00, $5.00

Subject to change without notice.

Mention The Review when you write.

his eastern trip and reports a good time. He is chairman of the committee to raise the $10,000 guarantee fund for the flower show and says he will call his committee together this week and map out work to complete the fund if possible by the February meeting of the club, which is the time limit.

Fire started early Saturday morning in the second story of the building occupied by C. A. Kuehn. The damage was only in the wire shop. The lower floor, where supplies are kept, was not damaged and business not interrupted. The loss amounts to about $500. Insured.

Alice Ellison, daughter of William Ellison, of the Ellison Floral Co., was married last week to Harry Wardy, of Grand Rapids, Mich. The couple will make their home in Chicago.

Fred Ammann, of Edwardsville; Henry Johann, of Collinsville; Swan Peterson, of Gibson City, and A. F. Longren, of Joliet, Ill., were visitors last week and attended the club meeting Thursday afternoon.

President Roosevelt has ordered the United States coal testing plant in Forest park to be removed to the Jamestown Exposition. This will be a great relief to the trees in the park.

President Irish will this week call an officers' meeting to map out plans to complete the $10,000 flower show fund.

A sister of Miss Schnell, the East St. Louis florist, was attacked by a negro last week. Her screams attracted the attention of the neighbors and the negro disappeared without her valuables.

J. J. B.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society's eighth annual dinner was, as usual, a popular success. The attendance was up to the average, the large dining-room being completely filled. Many letters of regret were read from prominent horticulturists unable to attend. The dinner itself was an inspiration. The tables were decorated with Winsor carnations by the F. R. Pierson Co. The festivities lasted until nearly midnight. W. H. H. Ely, editor of the Press-Record, was the toastmaster of the evening, witty, eloquent and a master of his art.

The first toast was "The Future of Horticulture as Viewed by the Horticultural Press," responded to by J. Austin Shaw. J. Addison Young, of New Rochelle, gave an interesting address with many amusing stories. Charles Tibbets, of White Plains, discoursed upon "The Necessity of Public Parks." Editor Raymond had for his subject, "Peerless Tarrytown and What the Local Press Can Accomplish for Horticulture." He is the "old man eloquent." Frank P. Millard talked on "Horticulture in Our Public Schools." Other speakers were Jas. I. Donlan, A. H. Brown and James Scott.

W. G. Saltford, of Poughkeepsie, exhibited his new carnation, a cross between Lawson and Propriety, a beautiful pink of immense depth and size averaging four inches in diameter. Mr. Saltford will exhibit it at Toronto.

Howard Nichols is president of the society, which is in a most healthful condition and growing rapidly. The attendance from New York was lighter than usual.

CHARITON, IA.—P. A. Munson has gone into the greenhouse business.

Our JANUARY SPECIALTIES----

AMERICAN BEAUTIES, the finest in Philadelphia
CATTLEYAS and WHITE CATTLEYAS, very choice
SINGLE DAFFODILS, in quantity
WHITE LILAC

THE BEST OF EVERYTHING IN THE MARKET

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

Conditions have slightly improved despite the extraordinarily unfavorable weather. Nearly all the crops of roses and carnations are more or less off now, and with anything like good demand we should have a decided scarcity of staple varieties in these flowers. While the demand is improving it cannot yet be called good. Indications point, however, to greater activity during the next fortnight. Roses have slightly advanced in price, the ball at Horticultural hall last Friday, at which great quantities of all grades of Beauties were used, starting the upward movement. This is chiefly noted on the lower grades. It is interesting to note, by the way, that all the Beauties required on Friday were locally grown, whereas at this time last year we were obliged to draw on New York for Beauties for a similar occasion. Violets are still in rather poor demand, prices being weak and irregular. Sweet peas, owing to the shortage of carnation plants last fall, are more abundant than ever before at midwinter in this market. The demand consumes all the good flowers at excellent prices. Lælias are practically over, but there are plenty of good cattleyas, the lavender being reinforced by white. White lilacs are fairly abundant. They are greatly prized for their decorative effect. Mignonette of fine grade is abundant. Fancy freesia has arrived in sufficient quantities to be quoted. It is a welcome addition. Greens are quite scarce, the smallness of the plumosus bunches being sufficient evidence. A few tulips have made their appearance, La Reine being the variety.

The Century Flower Shop.

Several years ago there was a sign in the buying room of 112 South Twelfth street to the effect that "Whatsoever thou nearest in thy neighbor's house, thou shalt not repeat." I do not know whether this sign still hangs there, but I have often thought of it, and wondered whether it is really a Bible quotation or only invented to sound like one, something in the way that Benjamin Franklin fooled his many friends by reading an additional chapter of Genesis, which they all admitted they had never heard before. Some better Biblical student than I am will have to solve this point, but the fact remains that that sign has always made me specially careful with regard to the merest trifle that I might hear at 112 South Twelfth street. There are, however, some potent truths with regard to the running of the Century Flower Shop that even the blindest of us may see from outside, and which therefore can be repeated without danger of betraying confidence. These truths are decidedly worth repeating, because they show the effect of modern business methods on a modern flower shop.

Take, for example, the second week before Christmas. Then the Century displayed immortelle balls, at tempting prices, dainty vases, with some choice spray or other, the price for the whole being extremely reasonable; and other things to tempt the bargain-hunting buyer. A week later, all these things were sold, every vestige of them cleared away, and in their place were plants sold only from sample, hampers and more expensive Christmas novelties, to tempt the busy shopper. Cut flowers were sold at varying prices, but in every case it was distinctly stated that the contents of the boxes would not be guaranteed; that is, pansies, violets, sweet peas, or whatever the market would afford, at reasonable prices, would be used. If the buyer wanted two dozen carnations, or one dozen Maids, he was politely sent to No. 108, where the choicest cut flowers were sold in quantities to suit every purchaser. The fundamental idea of the Century Flower Shop has always been to establish a mart. This idea is modified only at the holidays, when the selling from sample and certain other improvements are used to increase the effective force of the workers.

A Propagating Secret.

It is generally recognized that among florists of today there are no secrets; that is, no houses kept under lock and key, or methods of culture guarded from publicity with Masonic-like fidelity. The only exception to this rule is in the propagation of certain kinds of plants, in which case a grower, who, after much difficulty, has learned the secret of perpetuating economically, certain species of plants, feels that for the present, at least, he must keep that secret to himself. One of these secrets is the propagation of Adiantum hybridum, discovered some years ago by the late John H. Ley, of Anacostia, D. C. This method, which was shown me recently by Robert Craig, was accidentally discovered by Mr. Ley. It consists in removing about one-third of the bottom of a plant, that is, we will suppose, in a 6-inch pot, and placing this mass of roots in sphagnum moss, with a little bottom heat. The examples shown by Mr. Craig were most interesting, a full grown piece of these roots resembling a pan of seedlings, the crown of each being perfect and the whole lot evenly developed. It is said they are as easily divided as seedlings and start readily when potted off. This method will render Adiantum hybridum as easy a proposition as it has been difficult in the past.

Various Notes.

The Leo Niessen Co. will remove to its new building at 1209 Arch street about February 1.

The second meeting of the general committee in charge of the S. A. F. convention to be held here next August was held on Tuesday evening, January 16. Charles D. Ball was chairman, Edwin Lonsdale secretary and J. William Colflesh treasurer.

Prof. Henry Skinner gave an illustrated lecture last Tuesday evening before the Pennsylvania Horticultural Society on "Where Insects Live During the Winter." Prof. Skinner is the society's entomologist. Let us hope that all florists require information on this subject.

The Philadelphia Cut Flower Co. has been receiving some exceptionally choice Enchantress, which I was enabled to see through the courtesy of W. J. Muth. Unfortunately, it is not the company's policy to give out the names of growers, but as Phil happened to know, he took off his hat in the spirit.

Wm. J. Moore has done so well for Maull and Howell and other experts

Choice White Violets, $1.50 per 100.
Fancy Gardenias, $5.00 per doz.; $35.00 per 100. The finest stock ever offered in mid-winter.
White Lilacs, $1.00 per bunch.
Cut Boxwood, 15c lb., in cases of 50 and 100 lbs.
Cattleyas, lavender and white.

We have an Exceptionally Fine Stock of

Well Rooted Carnation Cuttings

from the best growers, as follows: **Enchantress, Lawson, White Lawson, Robt. Craig,** $4.00 per 100; $32.50 per 1000. These will be ready for delivery in January, February, and March. **Cardinal, Haines, Flamingo, Victory,** $4.00 per 100. Ready for delivery about March 15.

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

THE Florists' Supply House of America

FLORAL ARTISTS DEMAND

TONEWARE

We are the exclusive importers of this popular Pompeian Style. Vases and Bowls of many striking designs. We have two distinct kinds of Toneware, the natural and the colored. Each kind is unique, filling a special place in decorative art.

EVERYBODY WANTS OUR GRASS HEADS

Order now a general assortment of our Grass Heads. These ever-popular oddities will give you a profitable side line during the winter and early spring.

OUR EASTER STOCK IS NOW ARRIVING

Our catalogue is free.

H. BAYERSDORFER CO.

Close to both railroad terminals 1129 Arch Street, PHILADELPHIA

Mention The Review when you write.

that his friends have persuaded him to try for some more clever carnation growers.

J. D. Eisele, vice-president of the Henry A. Dreer Co., sailed from New York on the Teutonic, January 9, on a flying business trip.

James W. Paul, Jr., president of the Pennsylvania Horticultural Society, gave a handsome ball in honor of his niece in Horticultural hall, Friday, January 11. The decorations were arranged by J. J. Habermehl's Sons.

Edwin Lonsdale, superintendent of the Horticultural department at Girard College, spoke on "Plant Improvement by Selection," before the Germantown Horticultural Society Monday evening, January 14.

REVIEW readers may recall that the night after the fire at Jacob Becker's, a few weeks ago, an automobile was switched by a pile of dirt on the street into his showhouse. The autoist promptly sued for damages to his expensive machine. Luckily Mr. Becker escapes liability under an act which allows twenty-four hours' time after a fire for the removal of debris or putting danger lanterns on the wreckage in the street.

The general committee in charge of the arrangements of plans for the S. A. F. convention next August met in the Florists' Club last week at the call of President Pennock and started the preparatory work.

Edwin C. Jellett and George Redles claim that Symplocarpus fœtidus, the skunk cabbage, is the first flower of the year, beating arbutus by three months.

The Henry F. Michell Co. wish Phil to state that when they guarantee anything they guarantee it.

John Lucas & Co. report that the glass manufacturers are a unit this season. This indicates higher prices and the advice to intending buyers is to make purchases early.

The S. S. Pennock-Meehan Co. is receiving fine camellias; quite a rarity.

Robert Jamison has left Wyncote.

J. James Campbell is with Myers & Samtman.

W. J. Baker is receiving some well grown peas from Eastburn, of Kennett.

Eugene Bernheimer is receiving cut bloom of baby primrose, a novelty.

Berger Bros. are handling some choice long-stemmed freesia.

The King Construction Co. has secured the contract for the Florex Gardens' mammoth house, 156x425 feet. This house will be over thirty-two feet high at the ridge; the angle will be 20 degrees. It will hold about 25,000 American Beauties. The same company will also build a plant house 30x130 feet, which may be used for experimenting with carnations. Preliminary work is already under way.

The Henry A. Dreer Co. is building a propagating house 12x150 feet. The locust posts are now in the ground.

H. Bayersdorfer & Co. have installed a handsome time clock in their spacious new building.

In quoting James T. Clark, of the Henry A. Dreer Co., last week, I should have said that he considers Nephrolepis Amerpohlii as much superior to Nephrolepis Todeaoides. PHIL.

GLEN COVE, N. Y.

The Nassau County Horticultural Society held its monthly meeting January 8, with a large attendance. President A. Mackenzie was in the chair. Two active members were elected. The monthly point competition of 1906 was announced to have resulted as follows: Gold medal, to S. J. Trepess; silver medal, to H. F. Meyer; bronze medal, to A. Mackenzie. For this month points were awarded as follows: A. Janacke, 95; S. J. Trepess, 88⅓; H. F. Meyer, 86⅔. F. Boulon & Son were winners for single violets. The best eighteen carnations were from H. F. Meyer and the best twelve from V. Cleves. Chas. Lenker had the best flowering plant, a cypripedium. The annual dinner was

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality.

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2 50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 6.00
Valley	"	3.00 to 5.00
Violets	"	1.00 to 1.50
Peas	"	1.50
Romans	"	2.00 to 3 00
Paper White	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

Mention The Review when you write.

announced for January 30. The executive committee is Thomas Harrison, Jas. Duthie, Chas. Bertanzel, Wm. Maher and A. Johnson. J. W. E.

TORONTO.

The Market.

Trade during the last week has been quite up to the average, and Toronto florists are quite willing to take it easy after the rushing business that was done at Christmas. This year the retail men were up against a hard proposition at Christmas in delivering plants, which, it might be remarked, sold extremely well this season. Some of our retail men say that they have had quite a few to replace; but from the volume of business they are not complaining about having to make good a few plants, especially as the price they obtained left a good margin.

Convention Preparations.

At present the Toronto florists are talking and working for the coming convention of the American Carnation Society, which is to be held here January 23 and 24. The exhibition and convention will be held in the City hall, and all arrangements have been completed with the customs department to allow all goods bearing tags and labels, furnished by Secretary Herr, to be delivered to the City hall immediately, without going through the usual channels of red tape the customs require. This is a very important item, as exhibits can now be rushed from the station direct to the exhibition hall. Arrangements have been made with the express company to have wagons waiting for the trains. It looks as if nothing had been left undone to insure the speedy delivery of exhibits from the United States.

The reception and banquet committees have been busy completing arrangements for entertaining the visiting delegates, and it is the intention to hold a large banquet on the night of January 24, at the King Edward's hotel. The ladies are invited.

EVERY now and then a well pleased reader speaks the word which is the means of bringing a new advertiser to

THE WEEKLY FLORISTS' REVIEW

Such friendly assistance is thoroughly appreciated.

Give us the name of anyone from whom you are buying, not an advertiser. We especially wish to interest those selling articles of florists' use not at present advertised.

FLORISTS' PUBLISHING CO.
520-40 Caxton Bldg. Chicago

The enthusiasm displayed by the Canadian florists, and especially the Toronto men, is quite marked, and Mr. Dunlop, the president, is receiving the hearty coöperation of all connected with the trade, to make the Toronto convention one of the best, if not the best, in the history of the association. The Canadian florists feel that it is quite an honor to have the American association come to Toronto, and it is up to them to make the convention a success, and, if present indications can be taken as any guide, it will not be for lack of enthusiasm of the Canadian trade if it is not a success.

Members should not forget to get a certificate from the station agent when they purchase tickets, so as to get the one-third fare return. Purchase a first-class single trip ticket to Toronto and ask for a certificate, not a receipt.

BALTIMORE.

The Market.

Business last week was no more than could be expected. The weather conditions hampered it somewhat and the entire week was disagreeable and not much sunshine. Blooms of all kinds were short, but enough to supply the demand and commanded fairly good prices. A large amount of funeral work was disposed of.

Considering the cloudy weather carnations are doing well, yet there are thousands of healthy buds waiting for the sunshine, when the usual supply will again be on the market. Violets are again plentiful and bringing their regular price. Roses are scarce, due to the want of bright, clear weather. Paper

Penny Wise Bulb Foolish

If you are entirely governed in buying Bulbs according to price. Of course, the price should be taken largely into consideration, but don't overlook the Bulb—**Bulbs that produce the goods.** In spite of the fact that low prices are offered by the **early travelers** to "get the business" yet—

200,000 SQ. FT. OF MODERN GLASS



WE GROW WHAT WE SELL

Japan Multiflorum from 7-9 Bulbs. Just as Good as They Look

POLLWORTH MILWAUKEE

Importers and Growers of "BULBS THAT GROW."

We get our share of orders and you get Better Bulbs. When you know the kind and variety and quantity of Bulbs you want for 1907-08 write us a letter. We are **especially** equipped for this class of business.

Hints on forcing Bulbs from practical experience—FREE

ALL ROADS CONNECT WITH MILWAUKEE

Mention The Review when you write.

White narcissi and Romans are plentiful and bring good prices. Lilies of the valley are extra fine; freesias are drifting in slowly. Calla lilies will be short this year.

Greens of all kinds are enough to meet the demands. Decorative plants of all kinds are easily disposed of as there is an unusual demand at this time of the year.

Club Meeting.

The regular meeting of the Gardeners' and Florists' Club was held January 14 in the new hall over the new Baltimore Florists' Exchange building, with President W. G. Lehr in the chair. W. Kennedy and C. Seigwart were elected to membership. C. Feast, Adam Roop and J. J. Cummings were proposed for membership. After adjournment the members marched down stairs into the large salesroom of the exchange and a banquet followed. About seventy-five plates were awaiting the guests. R. M. Kemp was presented with a pair of gold link cuff buttons. R. L. Graham made the presentation speech, after which Mr. Kemp responded. There was also a smoker given by the club. The first meeting in February will be ladies night. Refreshments will be served.

Various Notes.

The annual meeting of the board of directors of the Baltimore Florists' Exchange was held in the new building Monday, January 14. The following were elected: President, E. A. Seidewitz; vice-president, F. C. Bauer; secretary, E. Akehurst; treasurer, W. Lehr; directors, I. H. Moss, E. A. Rider and William Feast.

J. J. Cummings, manager for St. Mary's Industrial School greenhouses, has erected a fine new office in one of the houses.

A. Stoll, Carroll, Md., is disposing of a large amount of funeral designs.

E. Holden has 2,300 Boston Market lettuce plants coming on.

B. Stoll, of Brooklyn, is erecting a new house, 20x50, for vegetable plants.

W. Teipe, gardener for Nathaniel James, is cutting some fine Enchantress carnations.

Fred Reitz, Franklintown, was in town looking for a second-hand boiler. J. L. T.

CLEVELAND.

On January 28 the Cleveland Florists' Exchange will open a wholesale commission house and growers' market with one of the finest equipped stores of the kind in the country, at 606 Huron road. Besides representing the growers of this locality they will carry a full line of florists' supplies. George W. Smith, who the past summer disposed of his growing and retail business, will have full charge of this new venture, which should be a decided success.

The REVIEW would like to hear from some young man whose position is such that he meets all the trade in Cleveland and who has a "nose for news." To one who has an aptitude for newspaper work we can offer a connection which we hope will be both pleasant and profitable.—Ed.

BEST ROSES

KILLARNEY, RICHMOND, BRIDESMAID, BRIDE
and a full line of CUT FLOWERS of all kinds.

CARNATIONS FOR McKINLEY DAY

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

STOCK MUCH MORE PLENTIFUL

So don't be afraid to order. You will only be charged market prices. **Let your orders come.**

PLENTY OF WILD SMILAX

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 **CHICAGO**

Mention The Review when you write.

TWIN CITIES.

The Market.

The demand last week was rather light. Roses are scarce and it was next to impossible to get select, home-grown stock. The most of the roses that are brought in can only be termed as good medium stock. Killarney is off crop and Bridesmaid is about the best on the market in pink roses. Bride is about equal to the demand, also Richmond. Some very fine Beauties are carried by the larger concerns and retail at $10 per dozen. Carnations are good, especially Enchantress and Craig. It is noticeable that a large number are split. Miscellaneous stock, such as Paper Whites, Romans, etc., is plentiful. A small number of tulips are on the market, but only one dealer seems to be able to handle them profitably. Some nice white lilac is offered at a stiff price.

St. Paul.

The Ramaley Floral Co. intends selling out, with the object of entering the business in a wholesale way. There is no doubt but that the growers would like to have a place to bring their stock to; it would save them considerable time and would, at the same time, be a great help to the retailers. The basement of their present location could not be improved upon for the above purpose, it being centrally located.

Adolph Bagdahl, formerly with the Fleishman Floral Co., New York, and later with the Wheeling Greenhouse Co., of Wheeling W. Va., is now doing the designing for L. L. May & Co. Owing to the heavy increase in trade this firm found it necessary to add to the force. His initial design was a 24-inch violet pillow, which was made of solid violets with a loose effect and which was favorably commented on. J. W. Hoffman, who has charge of the retail department, says that city trade is exceptionally heavy.

H. E. Philpott, manager of the Chicago Floral Co., Winnipeg, spent a day in St. Paul on his return from the south and east. He reports business good in Winnipeg, but a hard place to supply good stock. The output of home-grown stock is light and the demand heavy.

August S. Swanson is cutting some nice white lilac. The demand for it is good and it brings a good price. For rarities it is hard to beat Mr. Swanson.

Chris Bussjaeger continues to make improvements in his plant, the last being an alarm system, which works well and has so far proved satisfactory. A number of growers have of late installed recording thermometers and thermostats.

Minneapolis.

Rice Bros. report a good business. Of late they have had some very good stock, especially in roses, and undoubtedly helped the retailers out to a large extent.

Donaldson's have been turning out a great many designs of late. People are not only buying cut flowers at the department stores, but are also ordering funeral designs.

Geo. Murtfeldt reports trade as being fair, but reports difficulty in getting good stock. FELIX.

KENOSHA, WIS.—W. H. Drake has taken his son-in-law into partnership and the firm name now is W. H. Drake & Co. Another house will be added in the spring.

THE REVIEW is everything one could desire. One would think it could not possibly be improved, still it does seem better every year. — THOS. WAGSTAFF, Lake Forest, Ill.

LARNED, KAN.—Tyra Montgomery says there is a splendid opening here for an energetic man with some capital and who knows how to do it, to build greenhouses and grow cut flowers and plants. Citizens would encourage the enterprise.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By married man with 10 years' experience in general greenhouse work. Address No. **36**, care Florists' Review, Chicago.

SITUATION WANTED—By good all-round man under glass and out-door gardening; flowers, lawn, shrubberies and vegetables; 20 years' experience in all branches; private place preferred; good references. Address No. **38**, care Florists' Review, Chicago.

SITUATION WANTED—As manager of a good size establishment where a man of wide experience is desired; familiar with catalogue work and could control considerable trade; correspondence solicited. Address No. **24**, care Florists' Review, Chicago.

SITUATION WANTED—Young, single man, experienced in growing general greenhouse stock, wishes position in the South; has had special training among well-known rose growers of the North; good references. Address "A," care Edw. Reid, 1526 Ranstead St., Philadelphia.

SITUATION WANTED—By man with 20 years' experience; place where general stock is grown preferred. Ed. Wiseman, 1814 Howard St., St. Joseph, Mo.

SITUATION WANTED—As head gardener or superintendent of a gentleman's estate where a man of executive ability as well as a lifetime training in all branches of horticulture would be appreciated; aged 45 and unincumbered. Address No. 25, care Florists' Review, Chicago.

SITUATION WANTED—In seed house in Illinois, Indiana, Ohio or one of the southern states, by a young married man; thoroughly familiar with all branches of the seed business and sources of supply; also familiar with the wholesale trade in the states mentioned. Address No. 36, care Florists' Review, Chicago.

WANTED—A small second-hand hot water or steam boiler to heat 8-room dwelling; must not be over four feet high. Address The Floral Exchange, 335 N. 6th St., Philadelphia, Pa.

WANTED—Address of Frank Haufman, formerly of Knoxville, Tenn.; can learn something to his advantage by addressing No. 34, care Florists' Review, Chicago.

WANTED—1000 or 2000 feet 2-inch pipe, good second-hand; also No. 5 or No. 6 Kroeschell boiler, second-hand. Address No. 33, care Florists' Review, Chicago.

WANTED—A florist who desires to increase the efficiency of his steam-heating plant and reduce heating troubles to a minimum, to install a Morehead Return Steam Trap for a 30 days' trial; write for particulars. Address Morehead Mfg. Co., 1043 Grand River Ave., Detroit, Mich.

WANTED TO RENT—After Easter, greenhouses, about 15,000 square feet glass, with from two to five acres of ground; must have good water and soil; for a term of three to five years, with option of buying within that time; state full particulars. Address No. 39, care Florists' Review, Chicago.

HELP WANTED—Seedsman to work in store and warehouse; German or Hollander preferred; send copy of references in first letter. Address No. 27, care Florists' Review, Chicago.

HELP WANTED—Steady, sober man; must be good grower of carnations; $30 a month with board. Address No. 2, care Florists' Review, Chicago.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Young man with some experience in planting, laying out beds, filling window boxes, etc.; apply with references and state salary wanted. Address No. 35, care Florists' Review, Chicago.

HELP WANTED—We wish to communicate with a grower of first-class orchids, daisies, gardenias and lily of the valley; will pay best market price for the above. Address No. 37, care Florists' Review, Chicago.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—Experienced man for gardening and florist work; one who is not afraid to work; an all-round man; wages from $25.00 to $30.00 a month, with room and board; by February 1. Address Faber Bros., R. F. D. 4, Kankakee, Ill.

HELP WANTED—A good all-round man for retail place of 12,000 feet of glass; must have good knowledge of plant culture and not afraid of work; permanent place for right man; please state experience and wages expected. Address No. 39, care Florists' Review, Chicago.

HELP WANTED—Working foreman to take charge of 35,000 feet of glass devoted to cut flowers and plants for retail trade; must be specialist in cut flowers; men of roving disposition need not apply; give references (stating length of service with each employer), and state wages in first letter. Address South Bend Floral Co., South Bend, Ind.

FOR SALE—Mailing list; 10,000; large mail and express buyers of 1905; make offer; quick. Address No. 30, care Florists' Review, Chicago.

FOR SALE—Hitching's base-burning boiler No. 22, good as new, $25.00; corrugated No. 15, $45.00. W. H. Salter, Rochester, N. Y.

FOR SALE—5000 feet glass, with 8-room residence; all in good shape; write for particulars; excellent chance. Address 219 Comstock St., Owosso, Mich.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month. Address No. 5, care Florists' Review, Chicago.

FOR SALE—New set of Bailey's Cyclopedia of American Horticulture; cheap for cash. Otto Bourdy, Lowell, Mass.

FOR SALE—Denver, Colo., wholesale florist business; 7 greenhouses, 12 lots, in first-class condition; write at once for particulars. W. C. Walter, 448 Josephine St., Denver, Colo.

FOR SALE—Greenhouse, 7000 feet glass; hot water plant; dwelling house with 6 rooms; lot 175 feet front, 190 feet deep; in a beautiful and fast growing city of the plains, good trade in city and surrounding country. W. W. Searing, 712 13th St., Greeley, Colo.

FOR SALE—Flower shop with greenhouse, 16x64; stock, fixtures, wagon, electric light; established 12 years; cash sales, $7,000 to $8,000 per month; ground rent, $74 a year. Reason, family trouble. Address Germantown Florist, 1542 North 27th St., Philadelphia, Pa.

FOR SALE—Wholesale and retail greenhouse business and residence at a bargain; in city of 25,000 inhabitants; only business of the kind in town; three florist stores in town as steady customers; good stock of plants and utensils; owner wishes to sell on account of long illness. Address S. W. Marshall, 335 Glenn Ave., Fresno, Cal.

FOR SALE—Greenhouse plant, consisting o two houses 20 x 150, work-room 15 x 60, residence of six rooms, farm and outbuildings, 8½ acres of ground, part in fruit-bearing trees; houses built in last two years; steam heat, 50 horse-power boiler; season's coal supply on hand; stocked with carnations, roses and bedding plants; doing fine business; splendid chance for honest man; direct route to large cities; reason for selling, wife's health requires change; possession given at once; price $5,500. Address No. 38, care Florists' Review, Chicago.

For Sale Modern greenhouse, 3000 feet of glass, best of trade; good reason for selling: anyone with money can clear from $1,500.00 to $2,000.00 a year; it will pay to investigate. Address No. 18, care Florists' Review, Chicago.

Help Wanted

A reliable grower to take charge of private place; must know how to grow roses, carnations and bulb stock. Salary, $65.00 per month to start with. Apply with references.

L. L. MAY & CO., St. Paul, Minn.

CAPITAL WANTED

A gentleman of nineteen years' experience in first-class flower shops, with best references, and now holding a responsible position, is desirous of hearing from some person who wishes to invest some money against experience in a first-class flower shop; location any good size city. Write and allow me to convince you of the sincerity and honesty of this ad.

Address No. 40, care Florists' Review, Chicago.

WANTED, MANAGER

for Dunlop's Retail Store, Toronto. Must be experienced in the very best class of business, and well up in decoration and designing. This is the best retail store in Canada and does the best business. Our last manager was with us for ten years. Good salary to good man. Send references.

J. H. DUNLOP,
Florist, 96 Yonge Street, Toronto, Ont.

Mention The Review when you write.

WANTED

We want a traveling man who knows the florists' supply line thoroughly.

Must know the trade of the middle west, particularly the undertaking trade.

Address with references and wages,

No. 8, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE!

Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. 9, care Florists' Review, Chicago.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**

51 Erie Street, Chicago

DISSOLUTION NOTICE

ONARGA, ILLINOIS, Dec. 31, 1906.

The partnership agreement heretofore existing between L. J. Risser and Ludvig Mosbaek, under the firm name of Ludvig Mosbaek, is hereby dissolved by mutual consent. All debts owing to the firm of Ludvig Mosbaek and all debts owing by the firm have been assumed by the new business, which will be continued under the name of the Mosbaek Greenhouse Company of Onarga, the Iroquois Canning Company, of which Mr. L. J. Risser is President, succeeding to the business.

L. J. RISSER.
LUDVIG MOSBAEK.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 10, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, $2.50 per case. The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

CALDWELL THE WOODSMAN DECORATING CO., -- -- EVERGREEN, ALA.

Mention The Review when you write.

WILD SMILAX Always on Hand

C. A. KUEHN, 1122 Pine St., St. Louis, Mo.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

DETROIT.

The Market.

Business is good and all stock remains well cleaned up excepting some poorer grades of violets. All grades of roses move rapidly. Pink stock is quite scarce. Prices range from $5 to $14 per hundred. Many orchids are being used in funeral work. Carnations are arriving in fairly large quantities, but remain well cleaned up. About one-third of the carnations are Enchantress, and these are mostly of excellent quality and sell readily. Many Paper White narcissi are used. Romans are too high-priced to be used freely, although many are seen. Sweet peas sell well at $1 and $1.50 per hundred. Cold storage lilies, valley, callas, daffodils, etc., sell fast; in fact, any good flower sells. Single and the smaller double violets bring from 50 cents to 75 cents, while the eastern ones bring $1.50 per hundred.

Various Notes.

E. A. Fetters has left for Cleveland to take charge of Smith & Fetters' store, Mr. Smith having gone on an extended trip.

Visitors: A. Ringier, representing the W. W. Barnard Co., Chicago; E. E. Mathews, representing the Roseville Pottery Co., Zanesville, O., and C. B. Knickman, representing McHutchinson & Co., New York.

DALLAS, TEX.

Floriculture in the South.

The most striking example of the unusual boom in the growing of cut flowers in the south is the success made by Col. E. H. R. Green. Colonel Green has engaged successfully in the railroad business, in baseball, in chicken raising, politics and automobiling, but he declares that none of these diversions pay so large a return on the investment as does the flower business.

The Green Floral Co. started in business at Terrell five years ago. Ready sale of stock indicated a lucrative business if handled properly. Two years ago Terrell was outgrown and Colonel Green entered in the wholesale business at Dallas.

Three miles south of the city he has the largest and most complete system of greenhouses south of Chicago. A large force of workmen are now building additional greenhouses. Colonel Green has twenty-seven acres devoted to the business and several acres are under glass. The plant is heated by steam.

"We have been overwhelmed with orders since we first began to put our stock on the market," said Colonel Green. "We have been gradually increasing our output, yet we are getting still further behind the demand. It is estimated that Texas does a flower business valued at about $400,000 a year. In a few years there will be no limit to the great demand and the output will compare with the other big cities."

The following expressions were given by the local florists:

John R. Lomas: "From present prospects and the rate of increase in our business for the year 1906 I regard the future as holding out much encouragement to the florists of this city. I can safely say that 1906 was at least fifty per cent better than 1905. Present conditions are in every respect satisfactory."

Henry Holtkamp: "With the florists of Dallas this has been a very successful

HEADQUARTERS FOR

Hardy Cut Greens and Florists' Supplies



FANCY AND DAGGER FERNS, fine quality, $1.50 per 1000.
NEW CROP BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000; $7.50 per case of 10,000.
SOUTHERN WILD SMILAX, $3.50 and $7.00 per case.

LAUREL FESTOONING

Good and full, 5c and 6c per yard.
BRANCH LAUREL, 50c per bunch.
LEUCOTHOE SPRAYS, $1.00 per 100.



SPHAGNUM MOSS, 50c per bag; five bags, $2.00. **GREEN MOSS,** $1.00 per bbl.
FLORISTS' SUPPLIES—A full line of Florists' Supplies, Wire Frames, Corrugated Boxes, Cut Flower Boxes, Immortelles, Cycas Leaves, Sheaves of Wheat, Tin Foil, Cut Wire, etc.

HENRY M. ROBINSON & CO.

Tel. 2617-2618 Main. 15 Province St., 9 Chapman Pl., Boston, Mass.

Mention The Review when you write.



Extra fine **FANCY and DAGGER FERNS** $1.75 per 1000.
Discount on large orders.

BOXWOOD, 20c per lb.; 50 lbs., $8.50. **GALAX,** Bronze and Green, $1.25 per 1000. **LEUCOTHOE SPRAYS,** $1.00 per 100; $7.50 per 1000.
Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.
38-40 BROADWAY, DETROIT, MICH.

Mention The Review when you write.



FERNS

Largest stock of any dealer in the trade.
Fancy, $1.25 per 1000
Dagger, $1.00 per 1000

ROBERT GROVES
ADAMS, MASS.

Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000 .....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50
Boxwood
Per lb.....15c Per case.....$6.50
Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00
Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist
36 East Third St., CINCINNATI, OHIO

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Cut Ferns-Galax Leaves

—THE YEAR AROUND—

Buy direct of the man in the Big Woods. Owns and operates cold storage for proper handling of all my goods.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

NEW CROP

GALAX LEAVES

Send me your orders.

C. W. Caldwell, Manager, Galax, Va.

(Successor to Blair Grocery Co.)

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy.....70c per 1000
Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

COMING Get Ready for ST. PATRICK

Emerald Green Coloring, the best for Carnations. Ready for use, $1.00 per quart.

Manchester Chemical Co.

2804 Manchester Ave., ST. LOUIS, MO.

Phones, Kinloch, Central 5313; Bell, Beaumont 84

or C. A. KUEHN, 1122 Pine St., St. Louis, Mo.

Mention The Review when you write.



Fancy or Dagger Ferns

$1.25 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases, $8.50.
LAUREL FESTOONING, 4c. 5c and 6c per yard.
Finest quality LAUREL WREATHS, $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.

ALSO DEALER IN

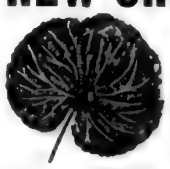
Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. HINSDALE, MASS.

Mention The Review when you write.

NEW CROP and Perfect Stock, Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

Mention The Review when you write.

GALAX LEAVES and Leucothoe Sprays

J. C. LOVEN, MONTEZUMA, N. C.

Mention The Review when you write.

season. For my own business, I am safe in saying it has been double that of the preceding year. A large part of this has been in cut flowers. The increase pertains to both city and shipping. Good as the trade has been, it promises to be considerably better for the next year. Dallas is the center for the flower trade. Such has been the demand for flowers that we have enlarged our plant to a great extent during the season and shall have to make even more provision. At certain times the purchases of flowers I have had to make from other dealers in and out of the city have gone as high as $400 and $500 a month. Eventually we shall hope to produce all of the needed flowers at home. The importations now are largely special orders. I estimate my business at not less than $1,000 a month. There has been a great increase in late years for shrubbery and trees. This means that people are paying great attention to landscape gardening."

W. P. Hiegert: "My trade is largely in the city and it has increased at least twenty-five per cent in the last year. The increase in trade has been all around, applying to both the cut flowers and to the plant trade. So great has been the demand that I have had to acquire additional land for the expansion of the greenhouses. As a rule the prices in Dallas have been reasonable, in comparison with other cities of like size and climate. More and more Dallas is becoming a distributing point for flowers and all of the southwest is sending in orders. My business for the year reached not less than $10,000."

Ernest Nitsche: "I started in business in Dallas fifteen years ago and have built up a large plant and flower trade. I fill orders from all over the state. In addition to the output of my greenhouse I purchase in large wholesale lots, in order to supply a rapidly growing trade. The holiday business was so much larger than anticipated that I ran short. The outlook for the coming year is the brightest in the history of the flower trade in Texas."

Otto Lang: "I started business eight years ago, with a cash capital of $17. This year I have done a business of $25,000. I grow nearly everything and ship all over Texas, Indian Territory and Oklahoma, to New Mexico and Arkansas and Louisiana. I buy many cut flowers in Chicago. The trade for this year has more than doubled that of last."

The Dallas Floral Co. has been in existence fifteen years. It has grown, and the year just closing has been its best, the volume of business having been twice as large as last year.

Seth Miller: "The industry has grown wonderfully in this city, the increase for the present being over fifty per cent over last year, which was itself an increase of about the same over the year before. The demand for cut flowers this season has been greater than the supply, nor is there at present one-fourth of the amount of glass needed."

SMILAX.

A few years ago we rarely saw smilax well done in England, but in America it has been one of the most popular foliage subjects for many years, says a writer in the Horticultural Advertiser; and now we get it well-grown in England, and it has almost entirely superseded the climbing fern, Lygodium Japonicum, or scandens as it was known. The fern is more elegant when quite fresh, but the smilax lasts much better.

I have visited several nurseries where it is now extensively grown, and I find the growers find no difficulty in doing it well. The chief point is to give it plenty of rootroom with loose, rough soil consisting chiefly of leaf-mold and stable manure that has been laid up for some time. There is nothing better than old hotbed manure. Most growers use long, rather narrow boxes, and run the strings up to the roof, giving sufficient room between each two rows of boxes to get through for keeping it in order and for cutting. Planted in cold ground it does no good, but kept above the surface in light compost as described above, it will grow freely. Red spider is its chief enemy among insect pests, but as the syringe or hose may be used freely, this can always be kept in check. There is a great advantage in growing sufficient to fill a house, or at least the center portion, so that it can have the moist humid treatment, and while in regard to water at the roots, stagnation is fatal, yet with good drainage there is not much risk of over-watering.

I find there is some confusion in regard to the proper name. The most generally accepted name is Myrsophyllum asparagoides, but it is also known as Mediola asparagoides. The seed is procurable from the Continent, and after being soaked in water for a short time germinates freely.

Vegetable Forcing.

Please send the Review the names of those in your vicinity who grow vegetables under glass.

One of the effects of the dark weather in November and December has been that vegetable crops have not progressed as usual. Chicago growers say radishes, for instance, are taking nearly double the usual time to mature.

The object of the Massachusetts Asparagus Growers' Association is the restoration of asparagus to its immunity from rust, or the discovery of a species that shall be rust-resistant, and the dissemination of information in relation to its growing and marketing.

VEGETABLE MARKETS.

Chicago, Jan. 15.—Cucumbers, $1 to $2 doz.; lettuce, 30c to 35c case; radishes, 50c to 65c doz. bunches; tomatoes, 30c to 35c lb.

Boston, Jan. 14.—Supplies are abundant, owing to continued mild weather. Trade would be benefited by colder weather. Lettuce, 15c to 75c doz. heads; cucumbers, $3 to $13 box; parsley, $1.25 box; radishes, $1 to $1.50 box; mint, 75c doz.; romaine, $1 doz.; mushrooms, 50c to $1 lb.

New York, Jan. 14.—Cucumbers continue plenty, dull and weak. Mushrooms are selling up closely and prices firm for choice to fancy qualities; some extra lots exceed our top quotations. Fancy lettuce would command top figures, but we see scarcely any such, and for poorer lots there is little demand. Other kinds of hothouse vegetables are generally steady at unchanged prices. Cucumbers, 50c to $1 doz.; lettuce, 25c to $1 doz. heads; mushrooms, 20c to 75c lb.; mint, 50c to $1 doz. bunches; radishes, $2.50 to $3.50 per 100 bunches; rhubarb, 75c to 80c large bunch; parsley, 15c doz. bunches; tomatoes, 10c to 30c lb.

A BED OF MUSHROOMS

Raised from our Spawn, will bear longer and yield better than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

Vegetable Growers should

Send 5 Dollars

for a swivel wheel and 20 1/8-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself, the Wittbold Watering System, or send for circulars of testimonials.

Louis Wittbold, 1708 N. Halsted St., Chicago



Lambert's Pure Culture Mushroom Spawn

Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized. Has never failed to run. Sold by Leading Seedsmen. Practical instructions on "Mushroom Culture" mailed free on application.

American Spawn Co. St. Paul, Minn.

PURE CULTURE MUSHROOM SPAWN

Per 10 bricks, $1.50. Per 25 bricks, $3.50. Per 50 bricks, $6.50. Per 100 bricks, $12.00.

Fresh Tobacco Stems, in bales of 300 lbs., $1.50.

W. C. BECKERT, Allegheny, Pa.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

TOMATOES.

What is the best tomato for early spring forcing and what is the best time to sow the seed for fruit, say, March 15? How far apart should plants be to give best results? How much fruit would be a fair estimate per plant? T. C. G.

Both Sterling Castle and Lorillard are good varieties, easy doers and reliable setters. Sowing seed now you would not be able to get fruit by March 15. You can't count on getting fruit in less than three months and, even then, your plants won't be in full bearing. The best thing for you to do now, to insure getting fruit for that time, is to procure the plants already started. You will see several firms advertising them, at a small cost, in the Review. Set the plants fourteen inches apart to give best results. Some allow only twelve inches, but this is rather crowding. Five to six pounds per plant is a fair average, though a plant can be made to produce more than this. W. S. Croydon.

WINTER BEAUTY TOMATO.

At the January meeting of the Chicago Florists' Club J. Hamlin, of the Riverbank Nursery, Geneva, Ill., exhibited a plate of Winter Beauty tomato, a variety of fair size, round, smooth and splendidly colored, raised by Sutton & Sons, Reading, England. In speaking of the variety Mr. Hamlin says:

"It sets freely through the winter months and should be useful to every private gardener who would like to get some in for Christmas. It also pays well for market, for which purpose I grow it. I was gathering early in January 200 pounds per week from 200 plants and they are thick with fruit, averaging five pounds to the plant, and still setting well. They had brought 35 cents a pound in the Chicago market. I plant on a bench, with roots confined in a space eighteen inches wide and twelve inches deep. The soil is good, with cow manure well worked in. I plant one foot apart and grow on a single stem. The plants will continue to bear for months and will average fifteen to eighteen pounds of fruit per plant. I use a span-roofed house running north and south. One row only is planted on each side, with Lilium Harrisii on one side under the tomatoes and Boston ferns on the other side. The variety is good only for winter work."

FUNGUS ON LETTUCE.

I herewith send you some diseased lettuce plants. We find them in new soil as well as in the soil taken from the hotbed yard. The plants grow nicely for about two weeks, then get yellow and spotted and the roots look dead. Perhaps twenty feet in a bench will be all right; then there will be another batch of this. There is no trouble in the hotbeds or coldframes, only in the greenhouse. Sometimes the temperature gets down to 45 degrees at night, but it usually is about 50 degrees. I ventilate whenever possible and use cistern water. I have used air-slaked lime in the soil, also powdered Bordeaux mixture for dusting the house. There is as yet no difference. H. S.

Your trouble is a fungus disease, the spores of which have got into your bench, probably through the agency of some decayed vegetable matter. The disease will begin in one spot and spread over

the bench from that point. It is a hard thing to check, once it gets a start. The only thing to do is to pull up the plants as soon as you see the first appearance of the disease and stir up the soil around where the plants were, to break up the mycelium and help stop the spread of the fungus. Lower your temperature at least 5 degrees, as 45 degrees is quite high enough for lettuce and an occasional drop to 40 degrees won't do your plants any harm. I have often seen a drop of temperature check the spread of certain fungus diseases very effectively when other remedies had failed.

Fungus diseases seem to be becoming more and more prevalent year after year and the only certain remedy is to sterilize the soil. This insures the destruction of all spores of fungi in the soil and, if care is used not to introduce any such spores through the medium of manure or other material, the crop ought to carry through without any trouble. But it must be borne in mind that any decayed or decaying vegetable matter will produce fungi, even if the soil has been sterilized, so that extreme care should be used to remove carefully any yellow or partially decaying leaves that appear on the plants; and if it is intended to plant a second crop after the first has been cut in the same soil care should be taken to pull up the stems of the lettuce when the heads are cut, so that they will not be left to decay.

I don't mean to imply that this applies to your case; but in going through houses used for lettuce forcing I have often seen not only the stems of the lettuce left in the soil, but the bad leaves pulled from the lettuce and left on top of the soil to rot. Then, when the next crop was attacked by some fungus disease the grower could not understand how it came to be there, seeing that the first crop had done so well. Such carelessness is inexcusable and can only result in trouble, as I have said here before. It is the man who is particular about these little details who is surest of success and, considering the increasing prevalence of fungus diseases, too much vigilance cannot be used in preventing its introduction or spread. W. S. CROYDON.

AT GRAND RAPIDS.

In gardening under glass Grand Rapids has forged to the front with such strides that the lettuce industry has grown to a point where it is one of the city's principal outputs and there is in and about Grand Rapids and contributing to the Grand Rapids market almost $750,000 invested in greenhouses for the forcing and out-of-season growing of lettuce, radishes, cucumbers and parsley. It is conservatively estimated that Grand Rapids this year will ship to the southern and western markets more than 500,000 pounds of the best head lettuce ever grown under glass.

This city has but one competitor in the field. Toledo, Ohio, is a bidder for supremacy in the forcing lettuce market, but Grand Rapids has always been able to hold its own. Ashtabula, Ohio, is the other of the big three middle western forcing lettuce producers, but that city handles the eastern trade, a section that Grand Rapids only caters to when the Ashtabula product is exhausted.

In the vegetable greenhouse business, too, the city is attracting attention along new lines. Local growers have experimented extensively with greenhouse tomatoes. It has never proved a marked success and it is too early to say whether Samuel Perry's promising crop of more than fifty bushels of green tomatoes will be successfully ripened and colored and put on the market. In his Burton avenue greenhouses everything looks favorable and Mr. Perry is himself optimistic. If the crop succeeds it will prove remunerative. Edward Taylor and Eli Cross have tried the tomato business in previous years with more or less indifferent success.

In and near Grand Rapids there are about seventy greenhouse gardeners who contribute forcing lettuce and the subsequent underglass vegetable crops to the Grand Rapids market. Lettuce is the principal industry. When the final lettuce crop is off, the houses are planted to radishes, and in turn to cucumbers, before summer. These secondary vegetables add much to the profit of the business. More than 50,000 bushels of cucumbers were last spring marketed here, and the radish crop no one seems able to even estimate. Parsley is also an extensive secondary crop in local greenhouses.

TROUBLE WITH LETTUCE.

We are having trouble with our lettuce. The main or tap-root decays and the plant dies. Or if the disease does not attack until there are a number of side rootlets, it lives for awhile, but the outer leaves decay at the base and the plant is no good. Keeping the ground moist or dry does not seem to make any difference. We have had little sunshine; otherwise the treatment has been the same as last spring, when we grew the finest of lettuce. Can you give us any help? S. A. C.

Your trouble is stem-rot, a disease which is often prevalent in lettuce houses in winter. It is the work of fungus which has got into your soil in some way. The answer given to H. S. in this issue will apply to your case. Dull, cloudy weather is most congenial to the development and spread of the disease. As the weather becomes brighter and warmer you will probably have less trouble with it.

W. S. CROYDON.

HAVERHILL, MASS.—Perley R. Follett will build a new greenhouse in the spring.

THE REVIEW is gaining many good points every year. I congratulate you on your good work. You can depend on my dollar every year. It is worth $10 to every florist who reads it.—CHARLES BROWN, Canton, O.

CHOICE VEGETABLE SEEDS For Forcing

"STOKES' STANDARDS" are simply the cream of the lists. You can't get better value.

Cucumber—Perfection Hothouse Forcing. Repeated selections of greenhouse-grown White Spine. Per oz., 50c; ¼-lb., $1.50; lb., $5.00.
Cauliflower—"Stokes' Standard." The very earliest in existence, close-growing, compact, perfect snow-white heads. Per pkt., 25c; ⅛-oz., $2.50; oz., $4.00; ¼-lb., $12.50.
Lettuce—Stokes' Big Boston. A splendid strain of this very popular greenhouse lettuce. Per oz., 15c; ¼-lb., 40c; lb., $1.25.
Lettuce—Stokes' Grand Rapids. A fine forcing strain, the true under-glass sort. Per oz., 15c; ¼-lb., 40c; lb., $1.10.
Radish—Stokes' Scarlet Globe Forcing. The true 18 to 20-day sort, with small top and of a deep scarlet color. Per oz., 10c; ¼-lb., 25c; lb., 75c.
Radish—Stokes' White Marble. 16 to 18-day sort, snow-white, crisp and tender. Per oz., 10c; ¼-lb., 25c; lb., 75c.
Tomato—Sparks' Earliana. Stokes' special strain. This is not to be compared with the sort usually offered. Per oz., 40c; ¼-lb., $1.25; lb., $4.00.
Rhubarb, for forcing. Whole clumps that have been frozen and are just ready for business. Per doz., $2.00; per 100, $12.00; per 1000, $100.00.
Five-year-old Asparagus, for forcing. Very profitable. Per doz., $2.00; per 100, $12.00; per 1000, $100.00.

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

FARQUHAR'S PERFECTION
FORCING CUCUMBER
A much improved strain of White Spine, long, smooth, rich green, robust, 10 days earlier than the old strains and more productive. Unequalled under glass. Pkt., 25c; ¼ oz., 35c; oz., $1; ¼ lb., $3, lb. $10. Write for complete catalogue.
R. & J. FARQUHAR & CO., BOSTON, MASS.
Mention The Review when you write.

Walters' Improved Telegraph Cucumber
the finest flavor and most prolific grown; as supplied to the largest English growers; disease unknown; per oz., $4.00; price per lb. on application.
A. A. Walters & Son, Bath, England
Mention The Review when you write.

Hothouse Specialties
Our Mr. Rawson being one of the largest growers of Vegetables under glass in this country, we have developed many special strains, including:
Rawson's Hothouse Cucumber
which we confidently believe superior to any other on the market; 60c per oz.; $1.50 per ¼-lb.; $5.00 per lb.
RAWSON'S SCARLET CONICAL RADISH
Best for forcing; many largest growers use it exclusively. Brilliant scarlet, conical, short-topped, remarkably uniform, tender, crisp; 90c lb.; 10 lbs., $8.00; 100 lbs., $75.00.
These and many other specialties fully described in our Market Gardener's List for 1907, just issued. Sent free on request.
W. W. RAWSON & CO., 5 Union St., Boston
Mention The Review when you write.

Comet Tomato
Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.
WILLIAM SIM, Cliftondale, Mass.
Mention The Review when you write.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.

The Everett B. Clark Company

MILFORD, CONN.

East Jordan, Mich. Sister Bay, Wis.

We are now writing growing contracts for
PEAS AND BEANS
which we grow in both Michigan and Wisconsin.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety.

Maine seed potatoes, onion sets, etc.
Correspondence solicited.

Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

VISITED CHICAGO: C. P. Braslan, San Jose, Cal., heralded by no brass bands.

WHOLESALE seedsmen report a heavy run of business and are working to the limit.

THE Cox Seed Co., San Francisco, has completed a new warehouse at Glen Echo, Cal., and is handling the principal stock there.

IT is worthy of note in the season's catalogues that as a general rule the strongest adjectives are printed on the cheapest paper.

THE Nebraska growers report better weather for drying sweet corn and the somewhat delayed shipments will soon be on the way.

THE St. Louis Seed Co. offers a "beautiful $10 portrait" absolutely free to everyone who orders packets to the value of $1.50 from its 1907 catalogue. Seedsmen will be interested in a glance through the book.

THE truck growers in the vicinity of Muscatine, Ia., whose principal crops are for the Heinz and other pickle factories there, have formed a permanent association. S. V. Chenoweth is president and J. C. Stuart secretary.

THE canners of peas have already sold their 1907 pack up to the limit of probable production. The demand for futures has not yet been satisfied and as long as prices keep advancing the value of canners' varieties of seed peas will keep pace.

THE John A. Salzer Seed Co., La Crosse, Wis., does not spend its money in calendered paper for its catalogue, but the book nevertheless is interesting reading. The Salzer Co. depends on its catalogue for all the business it gets, which is no small amount. In consequence, the prices are well considered,

SEEDS WHICH SUCCEED

THIS MEANS THAT **LANDRETH'S SEEDS** GROW AND ARE GOOD

ADDRESS: BRISTOL, PA.

Mention The Review when you write.

PACIFIC SEED GROWERS' CO.

109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas

Mention The Review when you write.

LEONARD SEED CO.

Leading Onion Set Growers

FLOWER SEEDS

SEED GROWERS

Largest growers of Peas, Beans and Garden Seed in the Central West.

Write for Prices.

CHICAGO

Burpee's Seeds Grow

Mention The Review when you write.

C. C. Morse & Co.

SEED GROWERS, now located at

171-173 Clay Street, San Francisco, Cal.

Growers of the following specialties for the trade:

Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,

Onion, Lettuce

Flower Seeds, especially

SWEET PEAS

Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to

171-173 Clay St., San Francisco

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The Cleveland Seed Co.

AVON, N. Y.

Growers of..... **FANCY PEAS AND BEANS**

for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.

Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.

Mention The Review when you write.

Lilly Co.

SEATTLE, WASH.

Growers of

PUGET SOUND CABBAGE SEED

Mention The Review when you write.

A. J. PIETERS SEED COMPANY

HOLLISTER, CAL.

Grower of

Vegetable and Flower Seeds

Special attention paid to
SELECTED STOCKS:::::

A. J. PIETERS, President and Manager, will visit the trade.

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S. M. ISBELL & CO.

JACKSON, MICH.

Seed Growers for the Trade

BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon, Squash, Watermelon, Sweet Corn.

CORRESPONDENCE SOLICITED.

Write for prices on Surplus Stocks for Immediate Shipment.

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Always mention the Florists' Review when writing advertisers.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

——HEADQUARTERS FOR——

Cauliflower and Tripoli Onion Seed (Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

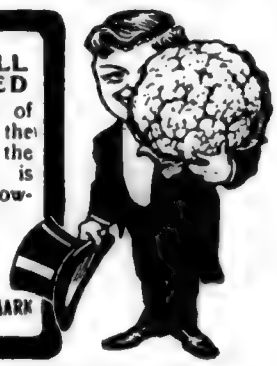
Ask for Our Wholesale Catalogue.

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WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



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CAULIFLOWER SEED

CABBAGE

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.

12 Stormgade, COPENHAGEN

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LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

to say the least. For instance, South White Globe is $2.40 per pound; Yellow Globe, $2.15, and Red Globe, $1.50.

IMPORTS.

The imports of seeds through the port of New York for the week ending January 11 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto ..	46	543	Cummin	6	191
Anise	36	471	Fennel	15	178
Canary	734	1,494	Grass	465	11,177
Cardamom..	2	71	Mustard	309	2,623
Castor	3,064	16,386	Rape	19	53
Clover	550	13,719	Sugar b.....	706	6,550
Coriander .	306	915	Other		3,592

In the same period the imports of plants, bulbs, etc., were of the aggregate value of $13,034.

THE A. A. Berry Seed Co., Clarinda, Ia., reports having mailed 93,000 catalogues.

GEORGE S. GREEN, of the Illinois Seed Co., Chicago, is spending the week visiting the trade in the east.

WM. HOISINGTON is making a trip south and southwest for the A. J. Brown Seed Co., Grand Rapids, Mich.

ONE of the most attractive catalogues of the year is that of the Charles H. Lilly Co., Seattle. The subject is the Richmond rose, printed in colors, on pebbled paper. The work is excellent. The catalogue contains a general line of seeds, plants, nursery stock and poultry and farm supplies, garden tools, etc.

It is interesting to note in the 1907 catalogues how many houses there are that call themselves "America's largest."

As the returns keep coming in it appears that there were a number of catalogue covers the lithographers' strike hoodooed.

THE Dakota Improved Seed Co., recently organized, has bought a quarter-section of land just outside of Mitchell, S. D., at $64 per acre.

THE Nebraska State Experiment Station staff is on a two months' junket through the state, lecturing to the farmers on soils and seeds, especially on making the most of the corn crop.

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 8 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

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Picea Pungens Glauca Koster and Abies.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.

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Established 1680. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

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Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

26 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.

W. W. RAWSON & Co., Boston, lost all their electrotypes in their fire last spring and the 1907 catalogue therefore is illustrated throughout with new and uniform halftones.

THE most striking catalogue cover of the year is that of the L. L. Olds Seed Co., Clinton, Wis. Field seeds are their specialty and the cover shows corn, oats and barley printed in colors.

THE Wm. Rennie Co., Toronto, Ont., with branches at Vancouver, B. C., and Winnipeg, Man., is officered as follows: President, R. Rennie; vice-president, J. Rennie; secretary, T. Rennie.

THE Bachelor Seed Co., just incorporated, of Utica, N. Y., intends to remove about February 1 from its present location to the Orpheum building, on Lafayette street, the present quarters being too small for the new line of goods

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr. pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

that is to be put in. The new company will deal in seeds, poultry supplies, farm tools, implements and horse goods. The president, Charles F. Saul, is the wholesale and retail seedsman of Syracuse, and the manager, Douglas M. Ross, has been connected with him for some time.

In Joseph Breck & Son's seed catalogue there is enclosed advertising matter for the real estate agency which is conducted in connection with their seed store and agricultural warehouse.

TERMS IN THE SEED TRADE.

Lester L. Morse, president of C. C. Morse & Co., San Francisco, makes the following statement under date of January 11:

"C. C. Morse & Co. announce that, in common with the other seed growers in California, they have agreed to change the terms of payment on contracts which have heretofore ruled in the seed business, making them sixty days, or 2 per cent discount for cash. This action they claim is made necessary on account of general business conditions on the Pacific coast, where there is almost a famine of labor and where nearly everything the grower buys to conduct his farm is bought on a spot cash basis. They claim they are only asking that the seed dealers share a small part of their burdens by consenting to these reasonable business terms.

"They state that their action in not sending a representative among the trade this year and in not wishing to book advance contracts against their onion crop was not influenced in any way, shape or manner by the attitude or action of any other grower or any other seedsman and was decided upon on account of the general conditions only. Excepting in the matter of terms they state positively that they have no understandings or arrangements with any other grower or growers and they are in no combinations. Any statement to the contrary is wholly without foundation."

SEED TRADE ASSOCIATION.

Executive Committee Meeting.

The executive committee of the American Seed Trade Association met at the New Willard hotel, Washington D. C., January 10, and decided to hold the next convention at New York city June 25-27. There were present President H. W. Wood, W. H. Grenell, J. C. Robinson, and Secretary C. E. Kendel, and by invitation Albert McCullough, Henry Nungesser, George S. Green, Vice-President C. S. Burge, Alexander Forbes, W. Atlee Burpee and F. W. Bolgiano.

C. E. Kendel, Sec'y.

The executive committee met to decide the place for holding the next convention and to arrange a program for it. New York was decided upon, but the hotel has not yet been selected. There will be several valuable papers prepared, but their subjects have not been written out (or more properly, their titles) so nothing can be given out along those lines.

A meeting before the agricultural committee of the senate was held merely to appear again at this time and add a few more statements to the voluminous testimony in support of the contention made last spring before the house committee on agriculture. What the outcome will be is problematic.

A meeting was held with the agrostologists of the Department of Agriculture for the purpose of answering a set of questions relating to the question of seed adulteration and while none of the gentlemen referred to was inter-

JOHNSON'S HIGH-GRADE ASTER SEED For Florists

From the Best American and European Growers.



	Trade pkt.	oz.
Queen of the Market, three weeks earlier than other Asters, separate colors	$0.20	$0.00
Choice mixed	.15	.50
Semple's Late Branching, high-grade American grown not California, separate colors	.20	.75
Choice mixed	.20	.75
Ostrich Plume, separate colors	.25	1.50
Choice mixed	.25	1.25
Victoria, highly prized by florists for bedding and cutting, separate colors	.25	1.75
Choice mixed	.25	1.50
Improved Peony Perfection, very popular with florists, a profuse bloomer, separate colors	.25	1.50
Choice mixed	.20	1.25
Mignon, an invaluable variety for cutting, pure white	.25	1.50
Choice mixed	.25	1.25
Hohenzollern, the earliest of all Asters, separate colors	.20	1.25
Choice mixed	.20	1.00
Comet, a beautiful class, with curled and twisted petals, separate colors	.25	1.50
Choice mixed	.25	1.25
Daybreak, (originator's stock), shell-pink, one of the most beautiful of Asters, early, long-stemmed and of compact habit	.30	2.00
Purity, (originator's stock), pure white, and identical in form and habit with Daybreak	.30	2.00

See Our Flower Seed Offer in Last Week's Review.

JOHNSON SEED COMPANY, 217 Market St., Philadelphia, Pa.

Herbert W. Johnson of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

Florists' Flower Seeds New Crop of the Finest Quality

Asparagus Plumosus Nanus, 50c per 100; $4.00 per 1000.
Asparagus Sprengeri, 15c per 100; 75c per 1000.

	⅛ oz.	Oz.	Trade pkt.
Alyssum, Sweet		$0.15	$0.05
" **Little Gem**		.30	.10
Lobelia Crystal Palace	$0.25		.15
Pansy, International Mixture	1.25	8.00	.50
" **Giant Florists' Mixture**	.60	4.00	.25
Salvia Bonfire		2.00	.25
Smilax, $2 00 per lb		.20	.10
Verbena, Mammoth, finest mixed		1.00	.20

For complete list of seeds, send for Trade Price List.

CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

Mention The Review when you write.

The BEST VALLEY Pips in America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of Forcing Pips at $1.50 per 100; $12.00 per 1000.

Return at our expense if not satisfactory on arrival. We ship all over the U. S., and supply all the year around.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

Dreer's Summer Flowering Bulbs

The Begonias and Gloxinias offered by us are the best that skill and careful selection can produce, being grown for us by one of the most expert European specialists.



TUBEROUS-ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per doz.; $3.00 per 100; $25.00 per 1000.
Choice Single Flowered in Mixture, 35c per doz.; $2.50 per 100; $22.00 per 1000.
Double Flowering, Scarlet, Rose, White and Yellow, 65c per doz.; $5.00 per 100; $40.00 per 1000.
Choicest Double Flowering in Mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

New Hybrid Frilled Tuberous Begonias

A most unique form with flowers of immense size, with wavy or frilled petals, similar to the best forms of single petunias, 25c each; $2.50 per doz.; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 60c per doz.; $4.00 per 100; $35.00 per 1000.

FANCY-LEAVED CALADIUMS

A choice selection of 25 distinct named varieties, fine large bulbs, $1.50 per doz.; $10.00 per 100. Choice mixed varieties, $1.25 per doz.; $8.00 per 100.

Our quarterly Wholesale List offers a full line of Seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

viewed afterwards, we could all plainly see that they were agreeably surprised to find that the seedsmen are just as anxious to stop this pernicious practice as they are themselves. The seedsmen made some suggestions that will no doubt aid the Department materially in protecting the public against the two or three unscrupulous dealers who have brought the whole seed trade into disrepute and brought suspicion on all of us. A complete report will be made by the committee on seed adulteration of the American Seed Trade Association in due time and it will make very interesting reading.

SWEET PEAS.

There is no department of a seedsman's business more profitable than the flower seed department, and there is nothing more profitable in that department than sweet peas. It is, therefore, not surprising, says a seedsman writing in the Horticultural Advertiser, that every seedsman worthy the name aims at being somewhat of a sweet pea specialist. The real way to acquire an acquaintance with the many varieties now before the public is of course to grow them, but this is impossible in many instances, and we have men in the trade doing well in sweet peas, and who have a good reputation for them, who never grow a flower. How, it may be asked, do they acquire the requisite knowledge? By observation and reading. If one takes the Sweet Pea Annual as a guide, and fixes on the varieties that come out on top of the audit and election, one may be assured they are not far removed from the best in their respective color classes. The next thing of importance is to find out where reliable stocks of the varieties in question can be obtained, and this in the future, more than in the past, is going to make up success. When everybody is keen on sweet peas, the men whose stocks are truest are going to have the best of it, and rightly so.

The new departure made by the Sweet

BEGONIAS

FINE, LARGE, PLUMP BULBS JUST RECEIVED FROM BELGIUM.

	SINGLE			DOUBLE		
	Doz.	100	1000	Doz.	100	1000
Orange	40c	$2.75	$23.50	65c	$5.00	$40.00
Scarlet	40c	2.75	23.50	65c	5.00	40.00
Pink	40c	2.75	23.50	65c	5.00	40.00
White	40c	2.75	23.50	65c	5.00	40.00
Yellow	40c	2.75	23.50	65c	5.00	40.00
Mixed	35c	2.50	22.00	50c	4.00	35.00

GLOXINIAS

These should be planted now to have fine large plants for Easter sales

	Doz.	100	1000
Red and Scarlet	60c	$4.00	$35.00
Blue	60c	4.00	35.00
Bordered Scarlet	60c	4.00	35.00
Bordered Blue	60c	4.00	35.00
Spotted	60c	4.00	35.00
White	60c	4.00	35.00
Choicest Mixed	50c	4.00	35.00

HENRY F. MICHELL CO.

1018 Market Street, **PHILADELPHIA, PA.**

Mention The Review when you write.

SHAMROCK

....IRISH....

Strong and fine plants. Better order early. $4.00 per 100; or 60c per doz., by mail.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, good per cent of new Sicily, 1000 seeds, 50c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Salvia Bonfire. Finest variety grown, brilliant scarlet and compacta, 1000 seeds, 40c.
Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ⅛ pkt., 50c.
Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.



We made this halftone from a **Wash Drawing.** One of the many we are turning out for 1907 **Seed Catalogues.** Our artists are the best in the United States on flower and vegetable drawing. We make a specialty of **Cuts For Seedsmen.** All processes. Quick work if necessary. Satisfaction guaranteed.

CRESCENT ENGRAVING CO.

341-349 Clark Street, **CHICAGO**

Mention The Review when you write.

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr. pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

that is to be put in. The new company will deal in seeds, poultry supplies, farm tools, implements and horse goods. The president, Charles F. Saul, is the wholesale and retail seedsman of Syracuse, and the manager, Douglas M. Ross, has been connected with him for some time.

In Joseph Breck & Son's seed catalogue there is enclosed advertising matter for the real estate agency which is conducted in connection with their seed store and agricultural warehouse.

TERMS IN THE SEED TRADE.

Lester L. Morse, president of C. C. Morse & Co., San Francisco, makes the following statement under date of January 11:

"C. C. Morse & Co. announce that, in common with the other seed growers in California, they have agreed to change the terms of payment on contracts which have heretofore ruled in the seed business, making them sixty days, or 2 per cent discount for cash. This action they claim is made necessary on account of general business conditions on the Pacific coast, where there is almost a famine of labor and where nearly everything the grower buys to conduct his farm is bought on a spot cash basis. They claim they are only asking that the seed dealers share a small part of their burdens by consenting to these reasonable business terms.

"They state that their action in not sending a representative among the trade this year and in not wishing to book advance contracts against their onion crop was not influenced in any way, shape or manner by the attitude or action of any other grower or any other seedsman and was decided upon on account of the general conditions only. Excepting in the matter of terms they state positively that they have no understandings or arrangements with any other grower or growers and they are in no combinations. Any statement to the contrary is wholly without foundation."

SEED TRADE ASSOCIATION.

Executive Committee Meeting.

The executive committee of the American Seed Trade Association met at the New Willard hotel, Washington D. C., January 10, and decided to hold the next convention at New York city June 25-27. There were present President H. W. Wood, W. H. Grenell, J. C. Robinson, and Secretary C. E. Kendel, and by invitation Albert McCullough, Henry Nungesser, George S. Green, Vice-President C. S. Burge, Alexander Forbes, W. Atlee Burpee and F. W. Bolgiano.

C. E. Kendel, Sec'y.

The executive committee met to decide the place for holding the next convention and to arrange a program for it. New York was decided upon, but the hotel has not yet been selected. There will be several valuable papers prepared, but their subjects have not been written out (or more properly, their titles) so nothing can be given out along those lines.

A meeting before the agricultural committee of the senate was held merely to appear again at this time and add a few more statements to the voluminous testimony in support of the contention made last spring before the house committee on agriculture. What the outcome will be is problematic.

A meeting was held with the agrostologists of the Department of Agriculture for the purpose of answering a set of questions relating to the question of seed adulteration and while none of the gentlemen referred to was inter-

JOHNSON'S HIGH-GRADE ASTER SEED For Florists

From the Best American and European Growers.



	Trade pkt.	oz.
Queen of the Market, three weeks earlier than other Asters, separate colors	$0.20	$0.60
Choice mixed	.15	.50
Semple's Late Branching, high-grade American grown not California, separate colors	.20	.75
Choice mixed	.20	.75
Ostrich Plume, separate colors	.25	1.50
Choice mixed	.25	1.25
Victoria, highly prized by florists for bedding and cutting, separate colors	.25	1.75
Choice mixed	.25	1.50
Improved Peony Perfection, very popular with florists, a profuse bloomer, separate colors	.25	1.50
Choice mixed	.20	1.25
Mignon, an invaluable variety for cutting, pure white	.25	1.50
Choice mixed	.25	1.25
Hohenzollern, the earliest of all Asters, separate colors	.20	1.25
Choice mixed	.20	1.00
Comet, a beautiful class, with curled and twisted petals, separate colors	.25	1.50
Choice mixed	.25	1.25
Daybreak, (originator's stock), shell-pink, one of the most beautiful of Asters, early, long-stemmed and of compact habit	.30	2.00
Purity, (originator's stock), pure white, and identical in form and habit with Daybreak	.30	2.00

See Our Flower Seed Offer in Last Week's Review.

JOHNSON SEED COMPANY, 217 Market St., Philadelphia, Pa.

Herbert W. Johnson of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

Florists' Flower Seeds New Crop of the Finest Quality

Asparagus Plumosus Nanus, 50c per 100; $4.00 per 1000.
Asparagus Sprengeri, 15c per 100; 75c per 1000.

	⅛ oz.	Oz.	Trade pkt.
Alyssum, Sweet		$0.15	$0.05
" **Little Gem**		.30	.10
Lobelia Crystal Palace	$0.25		.15
Pansy, International Mixture	1.25	8.00	.50
" **Giant Florists' Mixture**	.60	4.00	.25
Salvia Bonfire		2.00	.25
Smilax, $2 00 per lb		.20	.10
Verbena, Mammoth, finest mixed		1.00	.20

For complete list of seeds, send for Trade Price List.

CURRIE BROS. CO. 312 Broadway, **Milwaukee, Wis.**

Mention The Review when you write.

The BEST VALLEY Pips in America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of Forcing Pips at $1.50 per 100; $12.00 per 1000.

Return at our expense if not satisfactory on arrival. We ship all over the U. S., and supply all the year around.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

Dreer's Summer Flowering Bulbs

The Begonias and Gloxinias offered by us are the best hat skill and careful selection can produce, being grown for s by one of the most expert European specialists.



TUBEROUS-ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per oz.; $3.00 per 100; $25.00 per 1000.
Choice Single Flowered in Mixture, 35c per doz.; $2.50 per 100; $22.00 per 1000.
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Scarlet	40c	2.75	23.50	65c	5.00	40.00
Pink	40c	2.75	23.50	65c	5.00	40.00
White	40c	2.75	23.50	65c	5.00	40.00
Yellow	40c	2.75	23.50	65c	5.00	40.00
Mixed	35c	2.50	22.00	50c	4.00	35.00

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Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, good per cent of new Sicily, 1000 seeds, 50c.
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Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
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CRESCENT ENGRAVING CO.

341-349 Clark Street, **CHICAGO**

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You Want This Aster Seed

No novelties—grown especially for my growers, best commercial sorts, branching white, blue, shell-pink, 25 cents a trade package; 60 cents ¼ oz. Ostrich Plume, 50 cents a trade package; 75 cents ⅛ oz.

GEORGE B. HART, Wholesale Florist, 24-28 Stone St., ROCHESTER, N. Y.

Seedsman Wanted

An inside and outside salesman for market garden trade; splendid opportunity for advancement; state age, experience and salary expected; correspondence strictly confidential. Address

No. 16, care Florists' Review, Chicago.

Pea Society in appointing a floral committee is a step in the right direction. Twelve experts have been appointed, who will visit the society's trials at Reading, which are to be again conducted by Mr. C. Foster, at the University College Gardens. No variety will receive a first-class certificate unless the stock grown at Reading is fairly true. Those who saw the trials last year know that many stocks of much vaunted novelties instead of being true more resembled trials of mixtures. It is proposed that this new committee shall vote on new varieties by some form of ballot. Principals of sweet pea firms are not allowed to be members of the committee, but their expert growers are, and the committee is formed of one-half trade and one-half amateur growers.

Another important work this committee should take up is dealing with too much alike varieties, and members of the trade who are members of the Sweet Pea Society should press the society to do this for all they are worth. The Spencer group will be the cause of endless trouble in the near future, if the varieties of it are not dealt with by the Sweet Pea Society with a firm hand. In fact the Sweet Pea Society will only justify its continued existence if it does so.

CATALOGUES RECEIVED.

[All catalogues are filed by The Review and are accessible to trade for reference at any time. Following are the latest arrivals.]

J. J. Bell, Deposit, New York, seed catalogue for 1907; Sutton & Sons, Reading, Eng., seed order list; John Lewis Childs, Floral Park, N. Y., general catalogue for 1907; William Toole, Baraboo, Wis., pansies; Wm. Elliott & Sons, New York, general seed catalogue; Peter Henderson & Co., New York, general catalogue for 1907; California Rose Co., Pomona, Cal., roses; W. W. Rawson & Co., Boston, Mass., general catalogue for 1907; Schlegel & Fottler Co., Boston, Mass., general catalogue for 1907; Hasslach & Roumanille, St. Rémy de Province, France, seed novelties; T. R. Watson, Plymouth, Mass., nursery trade list for 1907; Joseph Breck & Sons, Boston, Mass., general catalogue; Weeber & Don, New York, general catalogue; Portland Seed Co., Portland, Ore., general catalogue for 1907; Texas Seed & Floral Co., Dallas, Tex., general catalogue; Cox Seed Co., San Francisco, Cal., general catalogue for 1907.

The Review is in receipt of an attractive calendar from the South Bend Floral Co., South Bend, Ind.

De Kalb, Ill.—Leonard Johnson has nearly completed his new greenhouse east of town.

CARLSON'S IMPROVED ASTER SEED



Has been the best commercial variety in the Chicago market for the past three years. No disease. No yellows.

⅛ oz. (trade packet).....$ .25 ½ oz.....$ .80
¼ oz. ..... .45 1 oz..... 1.50

1906 Crop. White, Pink and Lavender. GET THE GENUINE.

E. H. HUNT, 76 Wabash Ave. CHICAGO

Youngstown, O.—E. Hippard says that ill health necessitates his taking life easier and he plans to dispose of all his business interests.

Glen Cove, N. Y.—The annual dinner of the Nassau County Horticultural Society will be held at the Oriental hotel January 30, at 4 p. m.

Canton, O.—The year 1906 was prosperous for the Brown Floral Co. The books showed twenty-nine and one-half per cent increase over 1905.

Cleveland, O.—Henry Sailor, a boy 14 years old, was stricken with paralysis January 8, while working in the rear of the greenhouses of the J. M. Gasser Co.

Cresco, Ia.—W. B. Perry discovered fire in his greenhouse the morning of January 8. The main damage was to the heating plant, which is said to have been destroyed, leaving Mr. Perry in bad straits.

Vick's Aster Seed

THE BEST IN THE WORLD
FINE NEW VARIETIES FOR 1907

Did you see our adv. in Christmas Number of the Florists' Review? Look it up. It is worth reading.

JAMES VICK'S SONS
ROCHESTER, N. Y.

THE LEADING SPECIALISTS AND LARGEST GROWERS OF HIGH-GRADE ASTERS IN THE WORLD.

Mention The Review when you write.

GLADIOLI

Write for trade price list of named varieties, assorted colors and fine mixtures.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.



Dreer's Mammoth Verbena.

Dreer's Reliable Flower Seeds

The following short list embraces but a few of the things which should be sown early. **NEW CROPS** are now ready to send out:

	Trade pkt.	Oz.
AGERATUM Blue Perfection	$0.15	$0.50
ALYSSUM Little Gem, extra dwarf	.10	.30
CENTAUREA Gymnocarpa	.15	.35
COBAEA Scandens	.10	.30
DRACAENA Indivisa	.10	.30
GREVILLEA Robusta	.15	.50
LOBELIA Crystal Palace Compacta	.30	1.25
" Speciosa, dark blue trailing	.15	.50
PETUNIA Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed	$1 50 per 1000 seeds	
SALVIA Splendens (Scarlet Sage)	.25	1.00
" Ball of Fire, dwarfest	.50	4.00
" Bonfire, compact	.40	2.25
" Burning Bush	.30	1.50
SMILAX	.10	.30
VINCA, rose, white and white with eye	.15	.50
" mixed	.15	.40
VERBENA, Dreer's Mammoth, extra fine, white, scarlet, pink, purple or striped	.30	1.25
VERBENA, Mammoth, finest mixed	.25	1.00

Our wholesale and Retail Catalogues for 1907 have been mailed to the trade. In case you have not received a copy, let us know, and we will send you another. These catalogues contain the most complete offering of **SEEDS, PLANTS** and **BULBS** in the country. Do not wait until the Spring rush but order **NOW.**

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

Thorburn's Seeds

OUR WHOLESALE CATALOGUE

for florists and market gardeners is **NOW READY** and will be sent free to all who ask for it.

NEW CROP

Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. **Compare our prices before ordering elsewhere.**

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.

DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made now or early spring.

DAVID HERBERT & SON

Successors to L. K. Peacock, Inc. ATCO, N. J.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Always mention the Florists' Review when writing advertisers.

Tuberous-Rooted Begonias

SINGLE VARIETIES

	1000	100
Del. Pink	$25.00	$2.75
Scarlet	25.00	2.75
Crimson	25.00	2.75
White	25.00	2.75
Yellow	25 00	2 75
Orange	25.00	2 75
Deep Rose	25.00	2.75
Salmon	25.00	2.75
Copper Bronze	25.00	2.75
Finest Mixed to order	25.00	2.75

Single Fringed Begonias

These are rather new, but very handsome.

	Doz.	100
Scarlet	$1.75	$12.50
Rose	1.75	12.50
Salmon	1.75	12.50
White	1.75	12 50
Yellow	1 75	12 50
Orange	1.75	12 50
Mixed of all colors	1.50	10.00

Single Crested Begonias

A most unique form of flower, novel and interesting.

	Each	Doz.
Salmon	$0.25	$2.75
Pink	.25	2.75

Our bulbs come from the best specialist in Europe. **Bulbs are more than first size and sound.**

	Each	Doz.
White	$0.25	$2.75
Yellow	.25	2.75
Copper	.25	2.75
Scarlet	.25	2.75
Mixed of all colors	.20	2.20

DOUBLE VARIETIES

	1000	100
Del. Pink	$34.00	$4.00
Deep Rose	34.00	4.00
Scarlet	34.00	4.00
Crimson	34 00	4 00
White	34.00	4.00
Yellow	34.00	4.00
Orange	34 00	4.00
Copper	34.00	4 00
Finest Mixed to order	34.00	4.00

W. W. RAWSON & CO., 5 Union St., Boston, Mass.

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

Asparagus Plumosus Nanus, Greenhouse-Grown, $5.00 per 1000.

37 East 19th Street, NEW YORK CITY

Mention The Review when you write.

ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, BERLIN, N. Y.

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

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PROVIDENCE, R. I.

The members of the Florists' Club of Providence, to the number of about fifty, celebrated the eleventh anniversary of their organization January 10 with a dinner and entertainment. The festivities took place in the new store building of Rennie & Thompson, 135 Washington street. The room and tables, as befitted the trade represented in the gathering, were elaborately decorated for the occasion with palms and cut flowers. The dinner, which began at 8:30, was preceded by a social half hour. It was followed by a stereopticon entertainment, the first part of which was of an amusing nature and consisted partly of good-naturedly humorous hits at the pet traits and peculiarities of club members, which were received with glee. The second portion of the entertainment consisted of a travel lecture, accompanied by views of England, Scotland, Ireland and Wales. The lecture was by W. B. Wilson, field secretary of the Sunday School Association. Dr. A. J. Wheeler, of the Rhode Island Agricultural College, was present as the guest of the club.

Arrangements for the occasion were in charge of a committee consisting of M. Sweeney, chairman; William Appleton, Alexander Macrae and Secretary William E. Chappell.

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SIZES IN STOCK	Per 100
3 x 4 x 20	$ 4.00
3 x 5 x 24	4.50
3 x 7 x 21	4.50
6 x 6 x 24	6.80
4 x 12 x 24	9.00
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6 x 12 x 30	12.50
5 x 12 x 36	14.00
6 x 12 x 36	15.00
6 x 15 x 42	20.00
6 x 15 x 48	23.00

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No. 3	4x8x18	2.50	"	23 00	"
No. 4	3x5x24	2.75	"	26.00	"
No. 5	4x8x22	3.00	"	28.50	"
No. 6	3x8x28	3.75	"	36.00	"
No. 7	6x16x20	5.50	"	54.00	"
No. 8	3x7x21	3.00	"	28 50	"
No. 9	5x10x35	6.50	"	62.00	"
No. 10	7x20x20	7.50	"	67.00	"
No. 11	3½x5x30	3.00	"	28.50	"

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Wholesale Cut Flower Prices.

Milwaukee, Jan. 16.

	Per 100
Beauties, Medium	$15.00 to $18.00
" Shorts	6.50 to 10.00
Bride and Bridesmaid	6.00 to 12.00
Golden Gate, Chatenay	6.00 to 12.00
Richmond	8.00 to 12.00
Perle	6.00 to 10.00
Carnations	3.00 to 6.00
Valley	3.00
Stevia	3.00
Violets	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00
Paper Whites, Romans	3.00
Callas	18.00
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Wholesale Cut Flower Prices.

Philadelphia, Jan. 16.

	Per doz.
Beauties, Specials	$7.50 to $9.00
" Extra	6.00
" Medium	3.00 to 5.00
" Short	1.50 to 2.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " Select	$10.00 to 12.00
" " Ordinary	5.00 to 8.00
Richmond, Liberty, Fancy	15.00 to 25.00
" Select	10.00 to 12.00
" Ordinary	5.00 to 8.00
Killarney, Chatenay, Select	12.00 to 15.00
" " Ordinary	5.00 to 8.00
Golden Gate, Select	12.00 to 15.00
" " Ordinary	6.00 to 10.00
Carnations, Fancy	6 00 to 8.00
" Select	4.00 to 5.00
" Ordinary	2.00 to 3.00
Harrisii Lilies	15.00 to 18.00
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch....50c	
" Sprengeri, bunch...50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Camellias....per doz., $3.00	
Cattleya Trianæ	50.00 to 60.00
Cypripediums	12.50 to 15.00
Callas	12.50 to 15.00
Violets, Single	.50 to .75
" Double	.75 to 1.50
" White	1.50
White Cattleyas	50.00 to 60.00
Gardenias	35.00 to 40.00
Bouvardia	4.00 to 5.00
Pansies	.75 to 1.00
Snapdragon	4.00 to 5.00
Sweet Peas	.75 to 1.50
Daisies, White and Yellow	1.00 to 2 00
Stevia	1.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissus	2.00 to 3.00
Poinsettias, Fancy	25.00
" Ordinary	12.50 to 15.00
Mignonette, Fancy	6.00 to 8.00
" Ordinary	2.00 to 4.00
Single Daffodils	5.00
White Lilacs....per bunch, 1.00	
Freesias	3.00 to 6.00
Campernelles	3.00
Boxwood, cut ....per lb, 15c	

I WISH you good will. Your paper has done me a lot of good.—THOMAS DUPEA, Seattle, Wash.

THE REVIEW is like autumn foliage; it grows brighter with age.—W. A. Butler, East Penfield, N. Y.

I COULD not get along without the REVIEW, as it puts us in touch with those who want to buy, or with those who have stock to sell.—J. H. HUFFORD, Perrysburg, O.

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Wholesale Cut Flower Prices.

New York, Jan. 14.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Fancy	20.00 to 40.00
" Extra	15.00 to 20.00
" No. 1	8.00 to 10.00
" No. 2	5.00 to 6.00
" Shorts	2.00 to 4.00
Brides and Maids, Special	10.00 to 12.00
" " Extra	6.00 to 10.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Golden Gate, Chatenay	3.00 to 15.00
Killarney	3.00 to 15.00
Richmond	5.00 to 20.00
Orchids, Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 12.00
Gardenias	20.00 to 30.00
Carnations, Common	1.00 to 2.00
" Selects	2.00 to 4.00
" Fancies and novelties	4.00 to 10.00
Violets	.40 to .75
Adiantum Cuneatum	.50 to .75
" Croweanum	.75 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	10.00 to 12.00
Lily of the Valley	2.00 to 4.00
Smilax	8.00 to 12.00
Paper Whites	1.00 to 1.50
Callas	8.00 to 12.00
Hyacinths	1.00 to 1.50

THE REVIEW is the pusher.—J. G. ANGEL, Neosho, Mo.

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Wholesale Cut Flower Prices.

Chicago, Jan. 16.

	Per doz.
Beauties, long stems	$ 6.00
" 36-inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75

	Per 100	
Bridesmaids, Specials	$10.00 to	$12.00
" Firsts	6.00 to	8.00
Brides, Specials	10.00 to	12.00
" Firsts	6.00 to	8.00
Richmond, Specials	15.00 to	25.00
" Firsts	6.00 to	12.00
Liberty	6.00 to	25.00
Golden Gate, Firsts	10.00 to	12.00
" " Seconds	6.00 to	8.00
Killarney	8.00 to	25.00
Uncle John	6.00 to	12.00
Perle	6.00 to	12.00
Chatenay	6.00 to	15.00
Carnations, Select	2.00 to	3.00
" Fancy	4.00 to	5.00
Violets, double	.75 to	1.00
" single	.75 to	1.00
Cattleyas..per doz., $6.00 to $7.50		
Dendrobium—		
Formosum....doz., $3.00 to $5.00		
Cypripediums...doz., 2.00		
Harrisii	15.00 to	18.00
Callas	12.00 to	15.00
Valley	2.00 to	4.00
Jonquils	4.00 to	5.00
Tulips	4.00 to	5.00
Sweet Peas	1.00 to	1.50
Paper Whites, Romans		3.00
Stevia	1.50 to	2.00
Mignonette	6.00 to	8.00
Asparagus, Strings	50.00 to	60.00
" Sprays, per bunch....75c		
" Sprengeri, " 25-35c		
Ferns.....per 1000, $2.50		.25
Galax.....per 1000, $1.00 to 1.50		.15
Adiantum Cuneatum		1.00
" Croweanum		1.50
Smilax.....per doz., $1.50 to $2.00	12.00 to	15.00

Buffalo, Jan. 16.

	Per doz.
Beauties, Specials	$8.00
" Fancy	6.00
" Extra	4.00
" First	2.50

	Per 100	
Brides and Maids, Extra	$12.00 to	$15.00
" " No. 1	10.00 to	12.00
" " No. 2	4.00 to	8.00
Liberty	5.00 to	20.00
Golden Gate	5.00 to	10.00
Perle	5.00 to	8.00
Carnations	2.00 to	5.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	40.00 to	50.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	2.00
Lily of the Valley	3.00 to	5.00
Smilax		15.00
Harrisii	15.00 to	20.00
Violets	.75 to	1.25
Stevia	1.00 to	1.25
Romans and Narcissi	2.50 to	3.00
Freesias	2.00 to	3.00
Tulips	4.00 to	5.00

Cleveland, Jan. 16.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00

	Per 100	
Brides and Bridesmaids	$ 6.00 to	$15.00
Carnations	3.00 to	5.00
Violets	1.00 to	1.50
Sweet Peas	1.00 to	1.50
Pansies	1.00 to	1.50
Tulips	3.00 to	4.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri, "	2.00 to	4.00
Smilax		15.00

Cut Flowers
Florists' Supplies

We can and will take care of your wants. Catalogue free.

E. F. WINTERSON CO.

45-47-49 Wabash Ave.

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All telegraph and telephone orders given prompt attention.

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Careful attention to all

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Rose Growers and Commission Handlers of Cut Flowers

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Wire Work our Specialty.

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Be Your Own Commission Man

Sell your own Stock at the

FLOWER GROWERS' MARKET

See PERCY JONES, Manager

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UNITED STATES CUT FLOWER CO.

Wholesale Florists

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Wholesalers and shippers of home-grown Cut Flowers, comprising the newest varieties of blooms. Full line of Supplies and Decorative Greens. Trial order solicited. Weekly price list issued. MINNEAPOLIS, MINN.

Mention The Review when you write.

WHOLESALE CUT FLOWERS

Valley, American Beauties, Brides and Maids, Sprengeri, Asparagus Plumosus, Carnations and Violets and all seasonable flowers. Large stock of Stevia on hand; can supply you at lowest market prices at short notice. All orders will have our prompt attention. A trial order will convince you. Telegraph or telephone when you need Cut Flowers to

HENRY M. ROBINSON & CO., Tel. Main 2617-2618, **15 Province St., 9 Chapman Pl., Boston, Mass.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Jan. 16.

	Per 100.
Beauties Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	10.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 10.00
Kaiserin	4.00 to 10.00
Liberty	6.00 to 20.00
Meteor	4.00 to 10.00
Perle and Sunrise	3.00 to 8.00
Carnations	2.00 to 3.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.50
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00

WILLIAM MURPHY

Wholesale Commission Dealer

Cut Flowers and Florists' Supplies

Consignments Solicited.

L. D. Phone, M. 980; Night Phone, W. 81 Y.

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128 E. 3rd St., CINCINNATI, OHIO

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Wholesale Commission Florist

Cut Flowers and Florists' Supplies

WIRE WORK OF ALL KINDS

Write for price list. Consignments solicited.

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Cut Flowers and Florists' Supplies

Phones, Main 3062, West 855-L.

110-112 East 3rd St., Cincinnati, O.

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The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS

CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price lists on application.

Phone Main 584. 316 Walnut St. Cincinnati, O.

Mention The Review when you write.

Lilium Giganteum

Fine, sound bulbs, 7 x 9, $55.00 per 1000.

Lilium Multiflorum

9 x 11, $9.00 per 100.

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Always Mention the....

Florists' Review

When Writing Advertisers.

WELCH BROS., 226 DEVONSHIRE ST., Boston, Mass.

Phone 6268, 6267, 5419 Main

New England Headquarters for

Carnations, Violets, Roses, Lily of the Valley

Carefully selected and packed for long distance shipment.

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C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices,

1122 Pine St., - ST. LOUIS, MO.

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 16.

	Per doz.
Beauties, Specials	$ 3.00 to $4.00
" Extra	2.00 to 2.50
" Shorts	.60 to 1.00
	Per 100
Brides and Maids, Specials	$ 6.00 to $ 8.00
" " No. 1	3.00 to 4.00
Golden Gate	5.00 to 8.00
Richmond	5.00 to 8.00
Carnot	5.00 to 8.00
Carnations, Common	1.00 to 1.50
" Fancies	3.00 to 4.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Violets	.25 to .40
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00

Pittsburg, Jan. 16.

	Per doz.
Beauties, Specials	$ 6.00 to $ 7.50
" Fancy	4.00 to 5.00
" Medium	2.00 to 3.00
" Short	.75 to 1.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " Medium	$10.00 to 12.00
" " Short	4.00 to 6.00
Richmond, Specials	20.00
" Select	15.00
" Ordinary	6.00 to 10.00
Killarney	8.00 to 20.00
Chatenay	8.00 to 15.00
Perle	4.00 to 10.00
Bon Silene	4.00 to 8.00
Cusin	4.00 to 8.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4.00 to 5.00
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	.75 to 1.25
Paper Whites	3.00
Roman Hyacinths	1.00 to 3.00
Freesias	4.00
Tulips	3.00 to 4.00
Cypripediums	15.00

Wholesale Cut Flower Prices.

Boston, Jan. 16.

	Per 100.
Beauties, Specials	$50.00 to $75.00
" Extra	20.00 to 40.00
" Short Stems	6.00 to 20.00
Brides, Specials	8.00 to 12.00
" Seconds	3.00 to 4.00
Bridesmaids, Specials	8.00 to 12.00
" Seconds	3.00 to 6.00
Chatenay	4.00 to 12.00
Wellesley, Killarney	4.00 to 16.00
Liberty, Richmond	4.00 to 25.00
Carnations, Special	5.00 to 6.00
" Select	3.00 to 4.00
" Ordinary	2.50
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50,00
" Sprengeri, bunches	25.00
Smilax	10.00 to 12.00
Harrisii	12.00 to 16.00
Violets	.75 to 1.00
Cattleyas	40.00 to 50.00
Cypripediums	12.00
Callas	12.00
Antirrhinum	2.00 to 4.00
Sweet Peas	1.00 to 1.50
Mignonette	2.00 to 4.00
Paper Whites, Romans	1.50 to 2.00
Tulips	2.00 to 3.00
Daffodils	3.00 to 5.00
Freesias	3.00 to 6.00

Holton & Hunkel Co.

WHOLESALERS OF

Cut Flowers, Palms, Ferns

and a General Line of Plants

MANUFACTURERS OF

WIRE WORK AND FLORISTS' SUPPLIES

—Write for Catalog—

462 Milwaukee St., Milwaukee, Wis.

Mention The Review when you write.

Wm. C. Smith & Co.

Wholesale Florists

1316 Pine St. ST. LOUIS

Both long distance phones.

Supplies and Everything in Season always on hand.

Mention The Review when you write.

THE PIKE'S PEAK FLORAL CO.

Exclusively Wholesale

COLORADO SPRINGS, COLO.

Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

WILLIAM H. DONOHOE

Telephone No. 3034 Madison. **No. 2 WEST 29th ST.,** One door off Fifth Ave., **NEW YORK.**

The leading florists in all the large cities of the United States and Canada can safely intrust their theater and steamer orders to me. Personal attention guaranteed. I ask for but one trial to insure your confidence.

..ORDERS FOR..

Chicago

WILL BE FILLED BY

P. J. HAUSWIRTH

13 Congress Street

Auditorium Annex. Telephone Harrison 585.

Colberg & Lemke

21 E. 6th St., St. Paul, Minn.

Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

J. B. BOLAND CO.

SUCCESSORS TO SIEVERS & BOLAND

FLORISTS

47-49 Geary Street, SAN FRANCISCO, CAL.

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN

GUDE BROS.CO. FLORISTS 1214 F ST.NW. WASHINGTON D.C.

WASHINGTON, D. C.

GUDE'S

ORDERS for DULUTH

and vicinity will be carefully looked after by

W.W.SEEKINS

109 W. Superior St., DULUTH, MINN.

The Geo. Wittbold Co.

1657-1659 Buckingham Place, Chicago

The only retail florist in Chicago who grows his own cut flowers.

Funeral Work Orders, Our Specialty

GALVESTON, TEXAS

MRS. M. A. HANSEN

Y. M. C. A. BUILDING

FRED C. WEBER

4326-4328 Olive Street

ST. LOUIS, MO.

Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph

All orders given prompt attention.

JOHN BREITMEYER'S SONS

COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will take proper care of your orders in **WISCONSIN**

CHOICEST FLOWERS

George H. Berke

FLORIST

Local and Long Distance Phones.

1505 Pacific Ave., ATLANTIC CITY, N. J.

Houghton & Clark

396 Boylston Street,

Boston, Mass.

RETAIL ORDERS SOLICITED FOR

PITTSBURG, PA.

H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

Geo. M. Kellogg

Wholesale and Retail Florist

906 Grand Ave., KANSAS CITY, MO.

All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUR ORDERS FOR

EVERY DEPARTMENT of FLORAL ART

are earnestly solicited and my personal attention will be given even to the smallest detail.

A. WARENDORFF

1193 Broadway 1474 Broadway, Madison Ave. and 71st St., NEW YORK

David Clarke's Sons

2139-2141 Broadway

Tel. 1552-1553 Columbus

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

LEIKENS

7 East 33rd Street

Belmont Hotel, 42nd St., New York

NEWPORT, R. I.

☛Orders from any part of the country filled carefully and at wholesale prices.

Palmer's

Buffalo, N. Y.

W. J. Palmer & Son, 304 Main St.

Mills The Florist

36 W. Forsyth Street

JACKSONVILLE, FLA.

Hatcher

Wholesale and Retail Florist

AMSTERDAM, NEW YORK

The Park Floral Co.

J. A. VALENTINE, Pres.

DENVER, COLORADO

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

FOR OTHER LEADING RETAIL FLORISTS SEE NEXT PAGE.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

Alexander McConnell

571 FIFTH AVENUE, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street. Cable Adddress: ALEXCONNELL. Western Union Code.

BROOKLYN, NEW JERSEY, } Deliveries Anywhere { NEW YORK, LONG ISLAND.

Trade orders well cared for from all parts of the Country, and delivered at Theatre, Hotel, Steamer or Residence. Address

ROBERT G. WILSON

Fulton St. and Greene Ave. Telephones, Prospect 2840 and 4065 BROOKLYN, N. Y.

MYER 609-611 Madison Avenue

Long Distance Phone, 5297 Plaza. New York

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

...THE...

CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

GEO. S. MURTFELDT

MINNEAPOLIS, MINN.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

S. B. STEWART

119 No. 16th Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Always mention the Florists' Review when writing advertisers.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

OCEANIC, N. J.

The third annual dinner of the Monmouth County Horticultural Society was held at the Sheridan hotel, Thursday evening, January 10. About sixty members and invited guests sat down to a bountiful supply of good things. The tables were tastefully decorated with plants and flowers supplied by the members. All passed a pleasant evening.

Regrets were expressed as to the absence of one of our members—yes, and the father of this society; but I know if he was not there in person his heart was with us. I refer to Nicholas Butterbach, who because of serious illness could not be present.

Morris county was represented by Mr. Herrington, C. H. Totty and R. M. Shultz. Mr. Herrington officiated as toastmaster and his remarks were timely and to the point. He certainly proved to us that he was well acquainted with the names of our members and guests. He kept things busy from start to finish. William F. Woodill, of Brooklyn, rendered beautiful tenor solos, and other gentlemen contributed to the musical part of the program. WM. TURNER.

S. MASUR

FLORIST 238 Fulton St. Near Clark St. Tel. 334 Main. Brooklyn, N. Y.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

Steamer—	From—	To—	Sails—
Kaiserin	New York	Hamburg	Jan. 26
Ethiopia	New York	Liverpool	Jan. 26
Moltke	New York	Genoa	Jan. 29
Zeeland	New York	Antwerp	Jan. 30
York	New York	Bremen	Jan. 31
Thames	New York	Barbados	Feb. 2
Minnehaha	New York	London	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
Kroonland	New York	Paris	Feb. 6
Arabic	New York	Japan	Feb. 7
K. Luise	New York	Naples	Feb. 9
K. Wm. II	New York	Bremen	Feb. 12
Vaderland	New York	Paris	Feb. 13
Cedric	New York	Egypt	Feb. 16
Trent	New York	Barbados	Feb. 16
Hamburg	New York	Gibraltar	Feb. 18
Saxonia	Boston	Liverpool	Feb. 19
Main	New York	Bremen	Feb. 21
Cymric	Boston	Liverpool	Feb. 21
K. Albert	New York	Genoa	Feb. 23
Canopic	Boston	Egypt	Feb. 23
Cassel	New York	Bremen	Feb. 24
Kronprinz	New York	Plymouth	Feb. 26
Oceanic	New York	Liverpool	Feb. 27
Friedrich	New York	Naples	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Hannover	New York	Bremen	Mar. 14
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30

BURLINGTON, IA.

The voice of the happy singing florist, Peter Nees, who has been such a prominent figure on our streets for many years, has been missed for some time, and it is with feelings of sorrow that we learn that the good man is seriously ill at the home of his daughter, Mrs. Walter Doughtly, on Cedar street. Report says he is partially paralyzed and that the attending physician has little to give in the way of encouragement. Mr. Nees is 84 years old and has always enjoyed good health and in this hour of trial in the evening of his life he has the sympathy of every Burlington resident.

WE have received orders from Pennsylvania on the east to Washington on the Pacific coast from our advertisement in the REVIEW.—W. C. HILL FLORAL CO., Streator, Ill., Dec. 3, 1906.

PACIFIC COAST.

THE United States Department of Agriculture has issued a bulletin, No. 271, entitled "Forage-Crop Practices in Western Oregon and Western Washington," which may be of interest to some of the readers of the REVIEW.

PASADENA, CAL.—A. L. Harmon, formerly conducting the Iola Greenhouses, at Iola, Ia., has located here and established the Iola Poultry Ranch, making a specialty of White Wyandottes and White Leghorns.

SPOKANE, WASH.

The best business ever experienced seems to be the general report in regard to the Christmas trade, carnations and roses selling readily at any price asked. Violets were in great demand and the supply so small that at the approach of a violet customer one found himself longing for Rhinebeck. Palms, ferns, and the rather limited supply of plants suitable for gifts handled in this great northwest, all were disposed of by Christmas eve, while holly, mistletoe, roping, Oregon grape and wreaths were called for until late on Christmas day.

All the retailers succeeded in having good window displays and are to be congratulated upon results obtained in this respect.

Recent visitors were, L. C. Goodfriend, of Werthheimer Bros., New York, and J. J. Karins, of Henry A. Dreer Co., Philadelphia. The latter gentleman testifies to the prosperity of this great section by a well-filled order book and is wearing his most congenial smile in consequence.

KENNEDY.

VICTORIA, B. C.

The Christmas Market.

Christmas trade was a record breaker. A few Paper Whites and a few mums were all that were left over. Carnations were cleaned out at $1.50 per dozen, a price never before obtained in this town. Princess of Wales violets sold at 75 cents per bunch of twenty-five. Sweet peas at 50 cents per dozen. Mums were cheap, $2 per dozen being the limit. Holly was short. A strong local demand and large export orders caused a rise in price.

Various Notes.

Fairview greenhouses showed some handsome baskets of plants, all of which were sold.

Mrs. M. A. Flewin has just completed a handsome conservatory, abutting on Park road, which is a great improvement to the property.

Real estate is advancing rapidly in value. There is quite a boom, in fact, and it is reported that several who have built greenhouses as rented or leased land will shortly be moving further out.

H. Dunn has remodeled his heating system.

E. A. W.

SAN FRANCISCO.

The Market.

We are still in the midst of an increasing downpour and florists are beginning to wonder when we will have sunshine again. Consequently there is a dampened ardor in reference to everything connected with the handling of flowers. Business since the holiday rush has been quiet, but the weather has had much to do with it and there is some activity in the line of funeral work. The supply of flowers, owing to the continued dark weather, has been short; still, this supply has been sufficient to meet demands.

Violets since the season opened have been scarce, but now that we have an abundance of moisture they are becoming plentiful and prices will probably lower in a day or two. Roses, outside of Brides and Maids, seem to be off crop everywhere and fancy Beauties still bring top prices. Valley is easier and of slow sale. Several of our large growers did not get their anticipated cuts in time for the holidays and are throwing them on the crowded market now.

Carnations are a trifle lower in price and are of good quality and fair quantity. There is some demand for fancy whites, but other colors move slowly.

Chrysanthemums, strange to relate, are still in considerable evidence and come in very handy for funeral orders. Daffodils, of the Ard Reigh variety, are seen everywhere. Roman hyacinths and narcissi are being used largely for funeral orders, being about the only thing worth mentioning at this writing.

Various Notes.

Hutchings & James will be in line again with a heavy stock of poinsettias for the coming season. This firm has had remarkable success since starting its new greenhouses at Elmhurst and making a specialty of this popular plant.

The city of Oakland will give a three-days' floral fiesta, commencing May 1. Many prizes will be given for decorations of various kinds.

James Niven, the well-known landscape gardener of Ross station, is exhibiting some prize fowls at the California poultry show at Idora Park this week.

An election to bond the city of Oakland to purchase over 100 acres to add to the city parks will shortly be held in that town.

Local trade with the retail nurserymen has been slow this year. Continued rainy weather has greatly interfered with the planting of small stock.

L. M. Bowen, the Berkeley landscape gardener, has returned from a week's trip to Los Angeles and vicinity.

The Cox Seed Co. has completed a new seed warehouse on its grounds at Glen Echo. It has removed its principal stock of seed to this place, having much more room for handling than in its San Francisco warehouse.

G.

CARNATION CUTTINGS Immediate Shipment.

SELECTED CUTTINGS, WELL-ROOTED.

	Per 100	Per 1000
PINK		
Enchantress, light	$1.60	$15 00
Mrs. Lawson, cerise	1.40	10.00
Mrs. Joost, salmon	1.20	10.00
Argyle, light	1.20	10.00
VARIEGATED		
V. Lawson	1.60	15.00
Prosperity, mottled	1.40	12.00
Gaiety, striped	1.20	10.00
CRIMSON		
Gov. Roosevelt	1.40	12.50
Harlowarden	1.40	12.50
SCARLET		
Red Lawson, light	$1 60	$12.50
Estelle	1.60	15.00
America, light	1.40	10 00
Potter Palmer	1.20	10.00
G. H. Crane	1.40	10.00
WHITE		
White Lawson	2.00	15 00
F. Hill	1.40	10.00
Queen Louise	1.20	10.00
Gov. Wolcott	1.40	10.00
YELLOW, Eldorado	1.40	10.00

Warranted true to name. 25 at 100 rate; 200 at 1000 rate; unrooted cuttings, half price. Express prepaid at above prices. We will ship C. O. D. subject to examination if desired or will allow 5 per cent discount for cash with order. Write us for quotations on large orders.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.

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SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong, field-grown divisions, true to name, $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal

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DEMAND FOR NURSERY STOCK.

The demand for nursery stock has never been better than it is at the present time on the Pacific coast. This includes all the country from San Diego on the south to Seattle on the north and from the coast well into the interior. In spite of the setback that the central portion of the coast received by the recent earthquake and fire, there has never been a time in which there was so much business being done or with better prospects for its continuance. Naturally this has affected the nursery business as well as other lines, and we are now in the midst of the excitement.

The heavy demands for dried fruits and the money recently made by both the growers and packers of raisins has put these industries in a most flourishing condition. Many thousands of acres will be and are being at present planted and enormous tracts of land opened up to colonization. The farmers are making money. There is good sale for all products and, although the first effects of the demands for fruit and nut trees and grapevines are enjoyed by the dealers in fruit trees, there always follows a secondary demand for ornamental stock from the general nurseryman.

These conditions are noticeable in the towns and cities as well as in the country districts, and, although the sales of stock are of a much different nature, they have been heavy since the season opened.

From observations of the quantity of goods on hand, throughout the coast, it is evident that there is not sufficient stock to fill the present demands and much eastern grown material is being shipped in. In the line of fruit trees there is an extraordinary demand for

500,000 ROOTED CARNATION CUTTINGS

FOR IMMEDIATE SHIPMENT, WITH MORE COMING.

HANNAH HOBART, BEST DARK PINK on the market; **$7.50 per 100;**

JNO. H. SIEVERS & CO., 1906, $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....

	Per 100	Per 1000
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

Not less than 25 cuttings will be sold at 100 rate and not less than 200 at 1000 rate. 5 per cent discount will be allowed for cash with order or will ship C. O. D. with privilege of examination. Express charges prepaid by us on all orders for cuttings. All cuttings sold by us under expressed condition that if not found satisfactory when received, they are to be returned at once at our expense when money will be refunded on cash orders.

Loomis Carnation Co., Loomis, Cal.

ROSES — ROSES — ROSES

Two-year-old, budded, field-grown without irrigation. **American Beauty, Meteor, Bride, Bridesmaid, $9.00 per 100.** Send for list of other varieties.

SUNSET NURSERY, 1506 Dwight Way, BERKELEY, CAL.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Asparagus Plumosus Nanus, 2½-inch, $2.50 per 100. 2-inch, $2.00 per 100.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

The following from 2-inch at $2.00 per 100—Antirrhinum Queen of the North, Cineraria Nana Grandifl., Hydrangea paniculata type, Geraniums in all colors, Marguerite Queen Alexandra, Flowering Begonia (8 var.).

Smilax, 2½-in., $2.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.

Mme. Caroline Testout, $12.00 per 100.

Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

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ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.

205 N. Broadway, LOS ANGELES, CAL.

Mention The Review when you write.

some varieties of peaches and apricots, which has not been supplied and cannot be with the stocks in sight here. There is a steady demand along all lines of fruit and the quantities planted will be the largest in our history.

The natural sequence of good times is the free spending of money and usually when the first growers finish their orchard or vineyard planting they spend a few dollars for ornamental trees or plants.

There are not over a dozen large ornamental nurseries on the Pacific coast. This may sound strange, but it is nevertheless a fact. There are, however, many small places doing a local business, but the really large commercial places can be limited to a dozen. This is not inclusive of fruit tree growers, who probably will reach the number of fifty, all of them of large size.

California, and the coast generally, is not well supplied with ornamental growers and there will be but little stock to hold over for the coming season, from present indications. G.

NAHANT, MASS.—George A. James will erect a greenhouse and potting-shed in the spring.

CINCINNATI.

The Market.

The last week has not tended to bring out anything startling in the way of business. Business has been only fair and the prices have been held up on account of the fact that there has been only enough stock coming in to fill the orders.

The weather has been decidedly against the flower business. It has been warm, averaging about 60 degrees most of the time and on one day it went as high as 70 degrees. This is something unusual, even in this climate. And rain, there is no let-up to it. I should say that five days in the last thirty during which the sun showed its face, even for a short time, would be really more than we had. With such conditions you can readily realize the condition of the greenhouses. Everything is soft and weak-stemmed. And there are no prospects for colder and more seasonable weather. A few weeks of cold, clear weather is what we need to give the business a push. With present conditions we can scarcely expect to have things up to standard.

At present there is a good supply of almost everything. There are plenty of roses and carnations of all varieties, also bulbous flowers, violets and all sorts of green goods. There are few orders which cannot be filled. The shipping trade has been unusually active and a great deal of the surplus flowers have been sent out of the city and at good prices. There can be no question but that the shipping business out of this city has been improving yearly and that there is a great future in it as soon as we are able to get a larger and better supply of flowers at all times. Having the best outlet to the south, it is but a matter of time when we will control the entire business of that section.

Society Meeting.

The regular monthly meeting of the Cincinnati Florists' Society was held in the club rooms, January 12, and was well attended. Charles Knopf, of the B. K. & B. Floral Co., Richmond, Ind., was present and staged two seedling carnations. One, a white, named Miss Sarah A. Hill, was of extraordinary size and had all of the earmarks of a comer. The other was of the Lawson type and color, but a decided improvement on that variety. It was called Superior. They were staged for the society's certificate and were judged by F. Dellar, Gus Adrian and Henry Schwarz. This committee awarded Miss Sarah A. Hill eighty-eight points and Superior eighty-seven.

Mr. Knopf gave a little talk on his recent visit to Chicago, which was very interesting. The following gentlemen also gave short talks on various topics of general interest: Simon J. Hider, E. G. Gillett, Geo. Corbett, F. Dellar, Henry Schwarz, R. Witterstaetter and Gus Adrian.

The subject of giving a flower show in this city next November was brought up and it was easily seen that the conditions were about ripe. There was a decided feeling in favor of giving a first-class show; one which will attract the attention of the largest growers and one that will be a credit to the city. It was voted to give the board of directors the power to draft a schedule of prizes, make an estimate of the amount of money needed, and otherwise go into this subject with the idea of finding out just what we could do and whether we would be safe to go ahead and give a good, big show. It has been over fifteen years since this city has had a first-class show.

Max Rudolph has been on the sick list, but is able to be about now.

C. J. OHMER.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

EVERGREENS are steadily gaining in favor.

NURSERYMEN will be interested in the notes on the demand for nursery stock on the Pacific coast, to be found on another page of this issue.

THE movers of big trees are having plenty of work this winter and are getting good prices, more in keeping with the facilities required for this line of business.

THE Western Association of Nurserymen hopes to do something toward securing the adoption of some standard grades for nursery stock. A. L. Brooke, of Topeka, is chairman of a committee to make recommendations.

THE program and arrangement committees already are at work on plans for the Detroit convention of the American Association of Nurserymen. A good attendance is assured and interest will not be permitted to flag.

IF there is an agricultural publication which is not publishing a "spraying number" in February it should overcome its modesty and do something to attract our attention. But the more spraying the better for the nurserymen.

J. HORACE MCFARLAND says this will be a lively year in the nursery trade, one in which the careless and slipshod man will come nearer making a living and in which the good, lively hustler, who grows good stock and offers it honestly and attractively, will make a good profit.

CONGRESSMAN N. W. HALE, of Knoxville, Tenn., is a member of the legislative committee of the American Association of Nurserymen. He says he sees no prospect of securing at this session of Congress a moment for the consideration of a national law for the inspection of nursery stock.

As an example of what happens when a man does a good job it is worth recording that a certain nurseryman landscapist received a commission from one of a colony of well-to-do suburbanites. The work fitted the situation so well that nine of the neighbors had work done last fall and the remainder are indicating a desire to fix up their surroundings in the spring.

INSPECTION IN UTAH.

John P. Sorensen, horticultural inspector for Salt Lake county, Utah, inspected in 1906 seven carloads and sixty parcels of trees from outside the state, and fumigated most of them. He also inspected and fumigated the stock grown by home nurseries as required by law, eight carloads and 160 boxes and bundles of which have been shipped out of the county and three-fourths of them out of the state. Two thousand of imported trees were condemned and burned in one lot.

"Five hundred thousand trees were budded this summer in Salt Lake county," says Inspector Sorensen, "about one-third from fine bearing trees, the balance from young stock. Nurseries should be compelled to bud and graft from bearing stock true to name, and agents from nurseries outside the state should be under bond to sell stock true to name, as some other states have already incorporated in their laws.

"All nurseries have been inspected twice and some three times during the growing season. Some 10,000 trees have been dug, fumigated and inspected for root diseases for fall delivery, but 250,000 have been dug and put in houses and frost-proof cellars and part of them fumigated, sorted and inspected, the balance to be sorted and inspected through the winter."

OKLAHOMA NURSERYMEN.

The eleventh annual meeting of the Oklahoma Nurserymen's Association was held in Oklahoma City, January 8. There was a good attendance and a spirited discussion of trade conditions and trade tendencies, but the only action of importance, outside of election of officers, was the decision of the association to support a movement looking to a national inspection law. The officers elected are: President, J. A. Lopman, Enid; vice-president, J. W. Tetrick, Blackwell; secretary-treasurer, C. E. Garee, Noble.

COTONEASTERS.

The cotoneasters are among the brightest of our hardy berry-bearing plants. C. frigida is one of the best, the large bunches of scarlet berries being of much beauty during late autumn and early winter. It is full early to write much about the newer C. angustifolia, says a correspondent of the Gardeners' Magazine, yet this much might be said, that it appears quite hardy. C. Simonsii, C. microphylla and C. buxifolia are old inhabitants of our gardens, and are well known to the planters, especially the former, whose upright branches clothed with bright red berries form a conspicuous plant during winter.

Nicholson, in his Dictionary of Gardening, says cotoneasters are easily raised from seed, but I have not found this to be so, with the exception of C. angustifolia and C. bacillaris. It is a great pity the seeds do not germinate quicker. Several species I sowed more than a year ago show no sign of germination as yet. I was speaking to our forester here a few days since on the subject, and he said he found the best plan was to put the seeds in a box with plenty of sand, allowing them to remain there a year, and then sow them in the ordinary way. This is how he serves many of the hollies, and finds

MANETTI STOCKS

ESPECIALLY FOR FLORISTS' USE. BEST FRENCH-GROWN.

First size, 5 to 10 m-m., per 1000.....$9.00; per 10,000.....$80.00.

Newark prices. **DUTY PAID.** For prompt delivery, order NOW and avoid disappointment.

ROSES, two years, field-grown, well rooted.

DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00

Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc.

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

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KALMIA LATIFOLIA

MOUNTAIN LAUREL

An almost unlimited quantity of plants absolutely perfect in make up, with fine balls of earth. Positively unequalled by any others in this country or Europe. Special and very low rates in car lots.

J. T. Lovett, Little Silver, N. J.

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Boxwood Exhausted, no more to offer until spring importations arrive.

MANETTI for delivery January 1: 3-16 to ¼ inch.....$10.00 per 1000; ⅛ to 3-16 inch..... 7.50 per 1000

10,000 HYDRANGEA P. G. in cellar. What size do you want?

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

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Hedge Plants

W. & T. SMITH COMPANY

GENEVA, N. Y.
Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.

61 Years. Send for our Wholesale Price List. 600 Acres.

that by far the greater number germinate when thus treated.

The birds are partial to the berries of C. frigida should a few days' hard frost set in, and there are no worms to be got at. Cotoneasters are increased by layers, and many are grafted on the common C. vulgaris, and, I believe, on the quince and hawthorn as well, but when seedlings can be raised they quickly grow into good size, and are the most satisfactory as there is no trouble with suckers.

Rooted Carnation Cuttings

	100	1000		100	1000
White Perfection	$6.00	$50	The Belle	$2.50	$20
Light Pink Lawson	6.00	50	White Lawson	2.50	20
Glendale	6.00	50	Enchantress	2.50	20
Victory	6.00	50	Mrs. T. Lawson	2.00	15
Robt. Craig	6.00	50	Nelson Fisher	2.50	20
Cardinal	4.00	35	Harry Fenn	2.00	15
Fiancee	3.50	30	Estelle	2.00	15
Lady Bountiful	2.50	20	Boston Market	1.50	12
			White Cloud	1.00	8

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG

Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.

Asparagus Plumosus, 2¼-in., $2.50; 3 in., $5.00; 4-in., $8.00; 6-in., $20.00.

CHRYSANTHEMUM STOCK PLANT

Opah, Monrovia, Omega, Lady Harriett, Viviand-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now will be ready for February and March delivery. Send for price list.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

CHAS. HAWKINSON NURSERY
EXCELSIOR, MINN.

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WANTED

10,000 PEONY ROOTS

March-April delivery. What can you offer?

E. F. WINTERSON CO.
45-47-49 Wabash Ave. CHICAGO

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Rose Plants

on own roots. NOW READY.
Get our list before buying.

C. M. NIUFFER, Springfield, Ohio

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THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR Specialty Get our figures

83-91 Plymouth Place, CHICAGO

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3 NEW CANNAS

WILLIAM SAUNDERS

The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that **Wm. Saunders** is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA

Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.

NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 13 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK

Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.

Send for our list and prices of 60 other leading varieties of Cannas.

ROSES, are our great specialty. 2¼ and 4-inch pot plants we have in great variety — **Philadelphia Rambler, Crimson Rambler, Dorothy Perkins** and other climbers in strong field plants.

SHRUBBERY, in variety. **Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.**

SEND FOR OUR PRICE LISTS.

THE CONARD & JONES CO., WEST GROVE, PA.

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Roses

101 best sorts. Own roots. 2½ and 4-in.
Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY SPRINGFIELD·OHIO·

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H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

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TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., **Chicago**

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LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

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Deciduous Trees and Shrubs, Evergreens, Rhododendrons, Azaleas,

Over one hundred (100) acres of the choicest varieties. Send for price list.

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LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

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GILBERT H. WILD, Sarcoxie, Mo.

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Manetti

STOCKS, now ready, $8.50 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

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EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

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GRAND RAPIDS.

The Market.

Weather conditions are not so favorable as could be wished. American Beauties, except short-stemmed, are practically off the market. Roses are scarce, while carnations are in fair supply, except when, as has happened frequently of late, funeral work has cleaned everything up close. Many weddings and receptions also help to keep things lively. Prices have dropped a bit since Christmas. Roses retail at from $1 to $1.50 per dozen; carnations, 50 cents, with red and Enchantress 75 cents per dozen; Paper Whites, 50 cents to 75 cents per dozen, and Romans 50 cents. Azaleas, poinsettias, Gloire de Lorraine and cyclamen are still features in the window decorations which are being kept up nicely this season.

Various Notes.

J. A. Creelman, formerly with Charles Chadwick, went a few weeks ago to San Diego, Cal., to live. En route his 11-year-old daughter, Marion, caught a cold which developed into diphtheria, of which she died, January 6. He has the sympathy of the trade in his bereavement.

January 4 a new addition to the ranks of the craft arrived; by name, Ceylon Clark Buskirk; home, Big Rapids, Mich. Congratulations are in order.

Honorable William Alden Smith, our esteemed representative in congress, has just been elected United States senator from Michigan. A reception was given him at the City hall January 12. The decorations were elaborate and great credit is due W. L. Cukerski for the taste shown in the arrangement and elaboration of detail. The city greenhouses were stripped for the occasion which, to the local inhabitants at least, is a memorable one.

The bulb men are beginning to arrive, all reporting that they are booking orders in excess of last year and find everybody eager to buy. G. F. C.

THE REVIEW is full of valuable information. In fact, it is the best florists' paper I have ever read. I would not be without it for ten times its cost.—GEO. FAUTH, Woodlawn, Md.

FINEST OF YOUNG STOCK

Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 1908.

	R. C. per 1000	2½-in. per 100	2½-in. per 1000	3½-in. per 1000
Beauties (2 or 2½)	$25.00	$6.00	$55.00 (3)	$75.00
Maid	18.00	4 50	40.00	55.00
Bride	18.00	4 50	40.00	55.00
Gate	18 00	4 50	40.00	55.00
Uncle John	18.00	4 50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4 50	40.00	55.00
Perle	20 00	5.00	45.00	60.00
Sunrise	20.00	5.00	45.00	60 00
Kate Moulton	20.00	5.00	45.00	60.00
Rosalind Orr English	20.00	5.00	45.00	60.00
Kaiserin Augusta Victoria	4.50	40.00		55.00

CARNATIONS

	Rooted Cuttings per 100	Rooted Cuttings per 1000	2½-in. per 100
White Lawson	$3.00	$25 00	$4.00
Lady Bountiful	3.00	25.00	4 00
L. Perry	3.00	25 00	4.00
Gov. Wolcott	2.50	20.00	3 50
Pink Lawson	2.00	17.50	3 00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25 00	5 00
Red Lawson	4.00	35.00	5 00
Mrs. Martin	2.00	18.00	3 50
Prosperity	2.50	20.00	3 50
Patten	2 00		
Variegated Lawson	4 00	35.00	5.00
Glendale	5.00		6.00

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.

1,000,000 FEET OF GLASS

Send Cut Flower Orders to
35 Randolph St , CHICAGO.

Send Plant Orders to Greenhouses,
Morton Grove, Ill.

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John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa.**

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Nephrolepis

Whitmani, 2¼-in. ..... $10.00 per 100
Boston, 2¼-in. ..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

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Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

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2½-in.	**Asparagus Plumosus**	$3.00 per 100
3-in.	**Asparagus Sprengeri**	4.00 per 100
2-in.	**Hibiscus**, in variety	2.50 per 100
2-in.	**Flowering Begonias**	2.50 per 100
2-in.	**Boston Ferns**	3.00 per 100
2-in.	**Tarrytown Ferns**	5.00 per 100
2-in.	**Scottii Ferns**	4.00 per 100
3-in.	" "	6.00 per 100
4-in.	" "	10.00 per 100

The National Plant Co., Dayton, Ohio

Mention The Review when you write.

CHRYSANTHEMUM NOVELTIES

Send for complete list.

CHAS. H. TOTTY, Madison, N. J.

Always mention the Florists' Review when writing advertisers.

A Grand Fern Novelty

We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

WM. P. CRAIG
1305 Filbert Street, PHILADELPHIA

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CARNATIONS, Strong, healthy, rooted cuttings

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$20.00
Cardinal	30.00	Mrs. Lawson	15 00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

HENRY BAER, R. F. D. 3, **Peoria, Ill.**

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12 in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes. 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

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BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

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Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

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YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

Mention The Review when you write.

.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

624 No. 24th St., PHILADELPHIA, PA.

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Orders now booked for rooted cuttings of CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

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Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

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ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15 00
Moonlight	2.00	15 00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12 50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

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Roses, 4000 Brides and Maids

from bench and dormant,
$6.00 per 100; $50.00 per 1000.

B. E. WADSWORTH, Box 224, Danville, Ill.

Mention The Review when you write.

Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. Washington, D. C.

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Rooted Carnation Cuttings

COOL GROWN, STURDY, VIGOROUS

Victory	per 100,	$6.00;	per 1000,	$50.00
Nelson Fisher	"	2.50	"	20.00
Enchantress	"	2.50	"	20.00
Mrs. Patten	"	2.50	"	20.00
The Queen	"	2.50	"	20.00
Robt. Craig	"	6.00	"	50.00
White Lawson	"	3.00	"	25.00
The Belle	"	3.00	"	25.00
Mrs. Lawson	"	2.00	"	18.00
Boston Market	"	1.50	"	12.00

Delivery February 1.

A. C. BROWN, SPRINGFIELD, ILL.

Mention The Review when you write.

Carnation Cuttings.

Mrs. Thomas Lawson,	$1.50	per 100;	$12.00	per 1000
Lady Bountiful	2 50	"	20.00	"
Cardinal	3.00	"	25.00	"
White Lawson	2.50	"	20.00	"
White Perfection	6 00	"	50 00	"
Victory	6.00	"	50.00	"
Robt. Craig	6.00	"	50.00	"
Helen Goddard	6.00	"	50.00	"
President	2.50	"	20 00	"
Estelle	2.00	"	15.00	"
Morning Glory	2.00	"	15.00	"
Lieut. Peary	2.50	"	20.00	"
Enchantress	2.00	"	18.00	"
Glacier	1.75	"	14.00	"

Write for prices if you want quantity.

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. Delivery January 5 to 10 and later. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Mention The Review when you write.

YOU will find...
ALL the BEST offers
ALL the time in the Review's Classified Advs

CARNATION CUTTINGS READY

Order in time. Don't delay. Our cuttings are strong, healthy, and well rooted. Unrooted cuttings at half price.

	100	1000
Enchantress	$2.00	$17.00
Crusader	1.75	12.50
Boston Market	1.50	12.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00
Candace	5.00	40.00

Rooted cuttings of MUMS. We have many kinds at lowest prices, Garthaza, Diana, Gallis, Daisy Mum, with many other varieties for the season. Write for prices on other stock.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

of **Enchantress,** from first-class stock,
$2.00 per 100; $18 00 per 1000.

JAMES PATIENCE, Noroton Heights, Conn.

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Carnation Cuttings

For February Delivery.	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00
Robert Craig	6.00	50.00
Queen Louise	1.25	10.00

W. B. GIRVIN, Leola, Pa.

Mention The Review when you write.

CARNATIONS---Rooted Cuttings

The Queen, of this variety my stock is extra selected, $2.50 per 100; $20.00 per 1000.

White Lawson	$2.00	per 100;	$15.00	per 1000
Red Lawson	2.00	"	15.00	"
Vesper	2.50	"	20.00	"
Robert Craig	5.00	"	40.00	"

10 per cent off for cash or C. O. D. examination privilege

E. H. BLAMEUSER, - Niles Center, Ill.

Mention The Review when you write.

ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12.50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

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Carnations

If you are interested in some of the novelties for 1906-1907, we shall be pleased to hear from you. We can give you January delivery on Winsor and Aristocrat, the two best carnations offered to the trade in years.

JENSEN & DEKEMA

674 W. Foster Avenue. CHICAGO

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GERANIUMS

S. A. Nutt, strong plants from 2¼-inch pots, $20.00 per 1000; $2 50 per 100. 500 at 1000 rate. Other standard varieties ready to ship Feb. 1.

Canna Bulbs—Souv. d'Antoine Crozy, best gilt-edged; Alphonse Bouvier, best dark red, $18.00 per 1000; $2 00 per 100. Cash, please.

James Ambacher, West End, N. J.

Mention The Review when you write.

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

WASHINGTON.

Spring Exhibition.

The Washington Florists' Club has prepared a list of premiums for the spring exhibition, which it is to hold in conjunction with the annual exhibition of the American Rose Society, March 13 to 15. The Rose Society has a list of its own, providing for exhibits of cut roses and rose plants. The Washington club has aimed to include everything else in the list of spring stock which will be available those days. The list includes premiums, three in each class, for single plants and groups of both flowering and decorative plants. There are premiums for many varieties of bulbous stock and special premiums for general displays. A number of classes are supplied for cut blooms of carnations and also for violets. There are fifty-three classes in all and more will be added from time to time. Those desiring copies of the list may obtain same by addressing Charles McCauley, Eighteenth and Kearney streets, N. E., Washington, D. C.

ELBERON, N. J.

The Elberon Horticultural Society held a most interesting meeting January 7. The principal feature was the elegant display of fine carnations, consisting of fifteen vases, in which the following varieties were shown: Enchantress, Lawson, Victory, Robert Craig, Lady Bountiful, White Lawson and a large vase of Winsor from F. R. Pierson Co., of Tarrytown, was admired by all. A. Bauer gave an interesting talk on "The Carnation of the Past and Present." The society held true to the old and tried varieties and certainly were loyal to Enchantress, Red Lawson and Lady Bountiful. The society extended to Mr. Bauer a hearty vote of thanks.

Flowers and vegetables were exhibited by the following gardeners: A. Bauer, carnations and celery; A. Greit, Marie Louise violets; James Kennedy, carnations; William D. Robertson, Centradenia florida and mushrooms; Henry Wood, carnations and vegetables; Peter Murray, carnations; Fred W. Dettlinger, Princess of Wales violets.

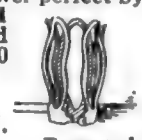
F. W. D.

I AM well pleased with the REVIEW. I am glad you are able to furnish so good a paper at so low a price.—W. N. THORP, Liberty, Ind.



WHY consume time energy and capital raising **Split Pinks** when you can have every flower perfect by using the M. & D. **Artificial Calyx.** Easily applied and removed. $1.75 per 100; $15.00 per 1000; 250 at 1000 rate.

Maxfield & Dimond
P.O. Box 304B, Warren, R. I.



Send for sample. Patented.

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Carnations

Cool-Grown, Well-Rooted Cuttings.

FOR IMMEDIATE OR LATER DELIVERY

	Per 100	Per 1000		Per 100	Per 1000
White Perfection. (The grandest white of them all)	$5.50	$50.00	Nelson Fisher	$2.25	$20.00
Bountiful	2.75	25.00	Mrs. T. W. Lawson	1.75	15.00
Enchantress	2.00	18.00	Boston Market	1.35	12.00

Book Order Now. Quality guaranteed. If you don't like them we pay express both ways. Catalogue Free.

E. F. WINTERSON CO., Wholesale Cut Flowers and Florists' Supplies.
45-47-49 Wabash Avenue, CHICAGO, ILL.

Mention The Review when you write.

CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

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Rooted Cuttings--Roses

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Bride	$1.50	$12.50	Richmond	$1.50	$12.50	Perle	$2.50	$20.00
Maid	1.50	12.50	Carnot	2.50	20.00	Am. Beauties	3.00	25.00
Chatenay	1.50	12.50	Kaiserin	2.50	20.00			

CARNATIONS

Enchantress	$2.50 per 100	Bountiful	$2.50 per 100	Wolcott	$1.50 per 100
Lawson	1.50 per 100	Queen	1.50 per 100	Harlowarden	2.00 per 100

Our cuttings are all strong, healthy and well rooted. All cuttings are shipped from Hinsdale.

Bassett & Washburn, Office and Store 76 Wabash Ave. **Chicago**
GREENHOUSES, HINSDALE, ILL.

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GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,
$120.00 per 1000.

—Order now.—

ROBERT SCOTT & SON,
SHARON HILL, DEL. CO., PA.

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CHRYSANTHEMUMS

Strong stock plants from bench, $5.00 per 100—Monrovia, Polly Rose, Glory of Pacific, Yanariva, Niveus, Lord Hopetoun, Gen. Hutton, Helen Bloodgood, Golden Wedding, Dr. Enguehard, Church, Major Bonnaffon, Convention Hall, Mrs. J. J. Mitchell, Wm. Duckham, Gold Mine, Marie Liger, Alice Byron, Salter, Lincoln, Superba, Golden Hair, Timothy Eaton, Yellow Eaton, Chadwick, Col. D. Appleton, Mrs. Jerome Jones, Yanoma, Balsley.

VINCA VAR—Field clumps, grown on in trays, first size, $5.00; second size, $4.00 per 100. 25 at 100 rate. Cash with order or satisfactory references.

J. J. ARNOLD, HOMER, N. Y.

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Always mention the Florists' Review when writing advertisers.

ROOTED CUTTINGS CARNATION

Helen Goddard

Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Fenn	20.00
Red Sport	25.00	Mrs. Patten	20 00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

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Strong, Well Rooted CARNATION CUTTINGS

	Per 1(00		Per 1000
Red Lawson	$25 00	Enchantress	$18.00
White Lawson	20.00	Candace	50.00
Pink Lawson	10.00	Robert Craig	50.00
Varieg'd Lawson	25.00	Cardinal	25.00
Fiancee	25 00	Estelle	15.00
Mrs. Patten	20.00	Lord	10.00
Jessica	45.00	Harlowarden	15.00
Lady Bountiful	18.00	Prosperity	15.00
My Maryland	40.00	Boston Market	10.00

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Robt. Craig	$6.00	$50.00	Mrs. Patten	$2.50	$24.00
Red Sport	3.50		L. Bountiful	3.50	
Enchantress	2.50	24.00	B. Market	1.75	
Melba	1.75	15.00	Seedling 569	4.00	35.00

This Seedling No. 569 is same color as the Mrs. Joost, large flower and very long, stiff stem; also free bloomer. In regard to the quality of our stock, we positively send nothing out without it is A No. 1 good stock, carefully packed.

WM. J. MOORE, 1235 Filbert St., Philadelphia

Mention The Review when you write.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

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ROOTED CUTTINGS

JOHN E. HAINES, the best commercia scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK, LONG ISLAND, N. Y.

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000		100	1000
W. Perfection	$6.00	$50.00	Crane	$2.00	$15.00
L. Bountiful	3.00	25 00	P. Lawson	1.50	12.50
Vesper	2.00	18.00	Joost	1.20	10.00
B. Market	1.50	12.50	Eclipse	2.50	
Flora Hill	1.00	9.00	Enchantress	2.50	20.00
Fred Burki	2.50		Prosperity	1.75	12 50
Cardinal	4.00	35.00	Aureola	2.50	20.00

CHAS. DAUERNHEIM, Jr., Kimmswick, Mo.

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Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000	WHITE	Per 100	Per 1000
Lawson	$1.50	$10.00	Boston Market	$1.25	$10.00
Nelson	1.50	10.00	Lady Bountiful	2.00	17.50
Nelson Fisher (cerise)	2.00	17.50	White Lawson	3.00	25.00
LIGHT PINK			**RED**		
Enchantress	2.00	17.50	Robert Craig	6.00	50.00
VARIEGATED			Cardinal	2.50	20.00
Mrs. Patten	2.00	17.50	Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$1.50	$12.50	Uncle John	$1.50	$12.50
Liberty	2.00	17.50	Chatenay	1.50	12.50
Bridesmaid	1.50	12.50	Ivory	1.50	12.50
Bride	1.50	12.50	Perle	2.00	17.50
Sunrise	3.00	25.00			

BENCH PLANTS

One-year-old plants from benches, Liberty, Ivory, Perle, ready now, $5.00 per 100; $40.00 per 1000. American Beauty, March delivery, $10.00 per 100; $75.00 per 1000.

Peter Reinberg

51 Wabash Ave., CHICAGO

Mention The Review when you write.

We wish to ANNOUNCE TO THE TRADE that we have withdrawn our Crimson Carnation

POCAHONTAS

from the market, at least for this season, and perhaps permanently. During the last few weeks of dark weather it has shown an inclination to contract a disease which if allowed to get any headway would speedily ruin it for commercial growing. The strain of dissemination, and subjection to changed methods of culture would undoubtedly cause it to go to pieces right away, and knowing the circumstances, it would be unjust to the variety and the trade to let it go out. We will continue to grow it as our main crimson, and if it throws off the disease entirely we may let it go out later, but not until we feel assured that it will trot, and be a credit to us. While we regret this very much, we are grateful that it showed this weakness before we had begun sending out the stock.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Clean, Healthy, Well Rooted

Carnation Cuttings

READY NOW

	Per 100	Per 1000
Victory	$6 00	$50.00
Enchantress	2.00	18.00
White Lawson	3.00	25.00
Lady Bountiful	3.00	25.00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12.50
Boston Market	1.50	12.50

VAUGHAN & SPERRY

58-60 Wabash Ave. CHICAGO

Mention The Review when you write.

CARNATIONS

30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market	$1.50	$12.50
Enchantress	2.00	18.00	Lawson	1.50	12.50
Queen Louise				1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

SPRINGFIELD, ILL.

A committee of the Illinois State Florists' Association, consisting of J. F. Ammann, Edwardsville; Albert T. Hey, Springfield, and Professor A. C. Beal, of Urbana, was in attendance at the meeting of the Board of Agriculture January 7 and 8. The committee succeeded, with the assistance of Mr. O'Dwyer, superintendent of floriculture at the state fair, in getting an increase in the appropriation for premiums for floriculture at the state fair, from $1,500 to $2,500.

Each of the above named committeemen made a few remarks before the board. Professor Beal showed statistics, on a chart, giving an approximate estimate on the vast amount of glass area, etc., throughout the state devoted to the growing of flowers. Mr. Hey urged a more liberal amount in premiums and a general revision of the premium list. Mr. Ammann dwelt upon the necessity of a new building for exhibiting flowers and plants and practical assistance in the managing of this department. A great many members of this board seem favorably inclined to advance floriculture at the fair. And it is the opinion of this committee that with a little well organized work on their part the florists can accomplish a great deal, but we must keep at it.

The committee later met with Mr. O'Dwyer and drew up a skeleton premium list from which Mr. O'Dwyer will have preliminary lists printed and sent out among the florists in the near future, giving all plenty of time to grow stock for the greatest state fair flower show ever held. J. F. A.

Corfu, N. Y.—T. A. Webb, carnation grower for Miller & Sons, Bracondale, Ont., spent New Year's with his family, who still reside here. Mr. Webb was formerly in business for himself here.

Aurora, Ill.—The $50,000 greenhouse of the Chicago, Burlington & Quincy has been torn down during the last few weeks. The smoke and dust made it a failure. It is thought that the company will not rebuild, but will continue to make contracts with Chicago florists for its dining-car flowers, as it is now doing.

Nephrolepis Scottii

5 and 5¼-inch pots, 25c and 35c.

Boston Ferns 5 in., 25c; 5½ and 6-in., 35c and 40c.

All First-class and Pot-grown.

Brabander & Cornelis, Somerville, N.J.

Mention The Review when you write.

ROOTED CUTTINGS.

Begonia Vesuvius	$1.00	per 100.
Vinca (tips)	1.00	"
Alternantheras (red)	1.00	"
Salvia	1.00	"
Heliotrope	.60	"
Sweet Alyssum (double)	.60	"

F. P. SAWYER,

125 High Street, CLINTON, MASS.

Mention The Review when you write.

DAISIES

Queen Alexandra, Etoile d'Or, 2½-inch, $2.50 per 100; 3-inch, $4.00 per 100.

CANNAS—Pennsylvania, M. Washington, $2.00 per 100. Niagara and Buttercup, $4.00 per 100.

P. A. BAKER, Media, Pa.

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D. U. AUGSPURGER & SONS, Peoria, Ill.

BOX 778.

WE HAVE JUST WHAT YOU ARE LOOKING FOR

BOSTON FERNS in all sizes at prices that will interest you. Write for them.

Elegantissima Ferns, 2½-in.	per 100,	$5 00
" " 3-in.	"	9.00
Piersoni Ferns, 2½-in.	"	4.00
" " 3-in.	"	8.00
Sprengeri, 2-in.	"	2.50
Feverfew, 2-in.	"	3.00
Mme. Salleroi, 2-in.	"	3.00
Vinca Variegata, 2-in., 1000, $25.00	"	3 00
Double Petunias, 2-in.	"	3.00
Fuchsias 2-in.	"	3 00

20,000 CYCLAMEN SEEDLINGS,

Fine plants, with two or more leaves, with bulbs as large and larger than buck shot, in five separate colors, grown from best quality seed, at $1.00 per 100. 8.00 per 1000.

We are sending them all over the United States and they are giving universal satisfaction.

ORDER NOW before the stock is exhausted.

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Get rock-bottom prices on Cattleya Labiata, Trianae, Mossiae, Percivaliana Mossiae, Schroederae.

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Orchid Importers and Collectors,

Rutherford, N. J.

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CARRILLO & BALDWIN, Secaucus, N. J.

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ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N.J.**

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ORCHIDS Direct from the Collectors

For Spring and Summer Delivery.

We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids. Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

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CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.50
Geraniums, 10 var., my selection, 2-2½-in.	3.00
Asp. Plumosus Seed, Feb. 15, $2.50 per 1000	.60
Pansy Plants, $3.00 per 1000, from frames	.50

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

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Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS

Rutherford, N. J.

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500,000 VERBENAS

60 Finest Named Varieties. Rooted cuttings, 75c per 100; $6.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000. Our list is the choice from millions of seedlings.

ORDER EARLY.

J. L. Dillon, Bloomsburg, Pa.

The floral and plant business of the late J. L. Dillon will be continued under his name by the executors.

LOUISE H. DILLON.
ALICE D. FURMAN.

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ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

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Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

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Nephrolepis WHITMANI

Young plants from bench.

$6.00 per 100.

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VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

C. HUMFELD, CLAY CENTER, KAN.

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CYCLAMEN. In bud and bloom, 4-in. $10.00 per 100; 5-in., $15.00 per 100.

CINERARIES.....2¼-in., $2.00 per 100; 3-in., $3.00 per 100.

C. WHITTON, City Street, UTICA, N. Y.

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SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KEIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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FERNS

	Per doz.	100	1000
Boston Ferns, 2½-in.		$3.00	$25.00
" " 3-in.		6.00	
" " 4-in.	$1.50	10.00	
" " 5-in.	2.25	15 00	
Piersoni, strong runners, 2½-in.		3.00	25.00
" " " 4-in.	1.50	10.00	
" " " 5-in.	2.25	15.00	
Scottii, " " 2½-in.		8.00	25.00
Elegantissima, 2½-inch		4.00	35.00
" 3-in.		7.00	
" 4-in.	1.50	10.00	
" 5-in.	2.25	15.00	
Whitmani, 3-in.		20 00	
Holly Ferns, 2½-in.		3.00	
Carex Japonica, 2½-in.		2.50	
Begonias, assorted. 2½-in.		2.50	
Crotons, 4 sorts, 3-in.		5.00	
Hardy Pink Hibiscus Moscheutos, 1-year, field plants, fine stock..		3.00	25.00
Hardy Hibiscus Crimson Eye, 1-year, field plants		2.50	

All 4 and 5-inch ferns will be dug from bench; are fine, shapely plants and we guarantee satisfaction. Samples sent upon request.

SPRINGFIELD FLORAL CO, Springfield Ohio

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Palms and Ferns

ASPARAGUS PLUMOSUS

2-inch.....per 100, $3.00
3-inch.....per 100, 6.00
4-inch.....per 100, 12.00

PRIMULA SINENSIS

4-inch.....per doz., $1.50
5-inch.....per doz., 2.00

Write for complete price list.

THE GEO. WITTBOLD CO.
1657 Buckingham Place, CHICAGO

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ROOTED CUTTINGS

Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100

Cash with order, please.

Converse Greenhouses, Webster, Mass.

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GERANIUMS and Other Greenhouse Plants

Send for our Wholesale Catalogue it contains descriptions and prices of seventy-five of the best standards and one hundred of the best novelties in Geraniums.

Alliance, (1905), Hybrid Ivy-Zonal lilac-white, maroon margin, 25c each; $2.50 per doz.

Caesar Frank, (1905), Ivy-leaved, double flowers, soft rec't crimson, 25c each; $2.50 per doz.

Eugene Sue, (1905), single, brilliant orange scarlet; $1 50 per doz. $10 00 per 100.

Juste Olivier, (1905), single, soft crimson rose, $1 50 per doz.; $10.00 per 100.

Cactus Geraniums, in four varieties, 20c each; $1.50 per doz.

Colossus, semi-double, dark, rich, velvety crimson $1 00 per doz.; $6 00 per 100.

Double Druden, double, white eye shading to soft crimson edge, 75c per doz.; $4.00 per 100.

E. H. Trego, double, rich dazzling scarlet, an ideal pot variety, 75c per doz.; $4.00 per 100.

Tiffin, single, rich glowing scarlet, $2.00 per doz.; $15.00 per 100.

Fleuve Blanc, semi-double, white Bruant, $1.50 per doz.; $10.00 per 100.

Centaure, double, beautiful rose pink, 40c per doz.; $2.00 per 100.

Jean de La Brete, Double, rosy carmine, marble white in the center, 50c per doz.; $3.00 per 100.

El Cid, double, dark velvety crimson, 40c per doz.

Miss Kendell, double, dark cerise, 40c per doz.; $2.00 per 100.

Snowdrop, single, pure white, 50c per doz.; $3.00 per 100.

Miscellaneous Plants

	doz.	100
Ageratum, inimitable, Giant Blue	$ .50	$3.00
Stella Gurney and Dwarf White	.40	2.00
Alternantheras, red and yellow, six varieties	.40	2.00
Coleus, Verschaffeltii, Golden Bedder and ten other var.	.40	2.00
Dahlia roots, whole field clumps.	1.00	6.00
Fuchsias, Minnesota, Lieutenant, Minister Boucher, Black Prince, Speciosa, Elm City and other varieties	.50	2.50
Hardy English Ivy, strong plants	.40	2.00
Lemon Verbena, Aloysia Citridora	.40	2.00
Lantanas, good assortment	.40	2.00
Petunias, double fringed, mixed	.50	2.50
Panicum, variegation	.40	2.00
Parlor Ivy, Senecio Scandens.	.40	2.00
Tradescantia, dark variegated	.40	2 00
Sage, Holt's mammoth	.40	2.00

CASH WITH ORDER.

A cordial invitation is extended to all interested in Horticulture to visit us. Cowenton Station, Philadelphia division, B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

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If you missed our bargain offers in Last Two Issues.

—NOT TOO LATE.—

NATHAN SMITH & SON
ADRIAN, MICH.

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Wholesale Trade List

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Plumosus, 2-in. pots, $2.00 per 100.
Asparagus Sprengeri, 2-in. pots. $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

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NEW ORLEANS.

The first convention of the Society of Southern Florists will be held in New Orleans, February 14 to 16. All florists, nurserymen, supply houses and manufacturers are cordially invited to make exhibits. The south offers a vast field for every branch of the florists' business. While distance has kept southern florists away from northern conventions, they will all come to New Orleans during the Mardi Gras and the exhibits will be seen. New acquaintances will be made and new business will be the result. Communicate at once with the undersigned committee, who will take care of your exhibit.

Price of space is as follows: Twenty-five square feet, $5; fifty square feet, $10; 100 square feet, $15, payable in advance. Freight on all exhibits must be prepaid. Cartage to the exhibition hall at cost. Certificates of merit will be awarded to valuable novelties and meritorious exhibits in all classes. Address Ed Baker, 2263 Carondelet street, chairman. For entrance fee and badge send before February 1 to Joseph Steckler Seed Co., Ltd., 512 Gravier street.

An elavorate program is being arranged and at the different meetings some papers will be read by florists from Louisiana, Texas, Florida and other states. The principal subjects will be: "Ways and Means for the Advancement of Horticulture in the South," "Rose Growing Under Glass in the South," "What the South Can Grow Profitably for the Northern Markets," "Packing and Shipping Express Rate," "Injurious Insects and Remedies," "School Gardens," "Profitable Orchids for the Florists" and "Chrysanthemum Growing in the South." Circulars are being mailed to the trade and, no doubt, this first convention will be the beginning of a strong organization which will advance the horticultural interests all over the United States. M. M. L.

MONTREAL.

The market here is having a short supply of good roses, with prices ranging high. Carnations are arriving in good supply and of excellent quality. Violets are plentiful.

J. S. Murray had the decorations for the ladies' dinner at the Mount Royal Club. They were entirely of Beauties and lily of the valley.

Miss Cairns has been busy on funeral designs and cut flowers.

Hall & Robinson had the decorations for the Bachelors' ball at the Hotel Windsor. They used greens and spring flowers.

D. J. Sinclair has been busy handling large quantities of bulb stock, tulips and daffodils, finding a ready sale. He is also handling a fine lot of extra special Beauties and violets from the United States. His eastern shipping trade has been increasing rapidly and customers find it exceedingly convenient. W. G.

THE REVIEW is the florists' best paper.
—L. J. BROSEMER, Oswego, N. Y.

ANCHOR

Greenhouse Hose stands the racket. Protect your plants with our **Plant Bed Cloth.**

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Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.

DILLER, CASKEY & CO. Successors to Jennings Bros. S. W. Cor. 6th and Berks Sts. PHILADELPHIA, PA.

GREENHOUSE MATERIAL of Louisiana Cypress and Greenhouse Hardware and Posts.



HOTBED SASH Washington Red Cedar
PATENT V AND U GUTTERS.

OUR GRADES INVARIABLY THE BEST. OUR PRICES RIGHT.
Write for Catalogue and Estimate, when figuring on your new houses.
A. DIETSCH CO., 621 Sheffield Avenue, CHICAGO.

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Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.
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RICHMOND, IND.

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GET OUR PRICES ON
Galvanized Wire Rose Stakes and Tying Wire
IGOE BROTHERS
Manufacturers of the Model Plant Supports for Carnations, Dahlias, Golden Glow, Peonies, Chrysanthemums and Tomatoes.
63-71 Metropolitan Ave.. BROOKLYN, N. Y.



"Your machines are doing fine work and I am well pleased with them," is what a New Orleans florist writes us. "I did not remit sooner because I wished to give your machine a good trial. I will say that your machine works fine. It is doing better work than the —— that I have in my other house," is what a Michigan florist writes. Free circular.

THE ADVANCE CO.
RICHMOND, IND

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SOFT-WOODED PLANTS Ready Now

	R.C.	2½-in.
Alternantheras		$3.50
Begonias, 10 varieties		5.00
" Extra, Rex, Rubra and Manicata Aurea		5.00
Coleus, red and yellow	$1.00	3.00
Daisies, Paris	2.00	3.50
" Queen Alexandra	3.00	5.00
" Anthemus, yellow	5.00	7.50
Feverfew	2.00	3.50
Fuchsias, 4 varieties		5.00
Lantanas, mixed and weeping	2.00	3.50
Geraniums, red, white, pink and salmon	2.00	3.50
Geraniums, Mme. Salleroi	2.00	3.50
" Ivy, 3 varieties		5.00
Heliotropes	2.50	5.00
Petunias, 4 varieties	3.00	5.00
Salvias	2.00	3.50
Sweet Alyssum	2.00	3.50
Verbenas		

Vincas, finest stock now in 4-inch pots, $1.50 per doz. Order quick.

	2½-in.	3-in.	4-in.
CINERARIAS, order now for Easter blooming, finest strain	$5.00	$8.00	$12.50
Cyclamen		8.00	15.00
Chinese Primroses	5.00	8.00	12.50
Obconica	5.00	8.00	12.50
Baby	5.00	8.00	12.50

Don't forget we are headquarters for **Ferns** of all kinds. We have all the above in bloom now and will have until Easter, or at least until sold out. Ask for Rose, Carnation and Canna list.

GEO. A. KUHL, PEKIN, ILL.

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FERNS FROM BENCH

Boston Ferns, 3-in., 5c; 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; 6-in., 25c; runners, $1.50 per 100.

Flowering Begonias, 8 kinds, 2-in., 2½c.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds 50c. Flowering Begonias, 8 kinds, $1.25. Rex Begonias, 20 kinds, mixed, $1.25. Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c; **Salvia** Bonfire, 75c; **Coleus,** asst., 60c; **Vinca** var., 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. **German Ivy,** 60c. **Fuchsias,** $1.00. Giant Marg. **Daisies,** yellow and white, $1.00. **Alternantheras,** red and yellow, 50c. **Heliotropes,** blue, 85c. **Verbenas,** mixed, 60c. Cash.

Umbrella Plants, 2-in., $1.50 per 100.

Ferns, Scottii and **Piersoni,** 2¼-in., 3c.

Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's** best seed, $1.25 per 100, prepaid. Cash. **SHIPPENSBURG FLORAL CO. Shippensburg, Pa.**

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NEPHROLEPIS WHITMANI,

Strong plants, from 2½-in. pots, $10.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2½-in. pots, $5.00 per 100.

P. R. QUINLAN, Syracuse, N.Y.

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NEW SINGLE GERANIUM SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

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WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN

Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

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Araucarias Our Specialty

Araucaria compacta robusta and glauca is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old. 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $3.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

FERNS—All raised in pots and not on bench, as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

Cineraria Hybrida, H. F. Michell's best strain, 2½-in. pots, $4.00 per 100; 3-in. pots, strong plants ready for a shift into 5½ or 6-in. pots, $7.00 per 100; 4-in. pots, $10.00 per 100.

Areca Sapida, 6-in., 50c each.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

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SPIRAEAS, AZALEAS, Rhododendrons, etc.

SPIRAEA NANA COMPACTA—Strong clumps in best condition, $4.00 per 100.

AZALEA INDICA—Mme. Vander Cruyssen, Prof. Wolters, Empress of India, Helen Thelemann, Simon Mardner, at import prices to close out.

12 to 14-in. crowns, $45.00 per 100. 14 to 16-in. crowns, $55.00 per 100.
16 to 18-in. crowns, $90.00 per 100.

AZALEA MOLLIS—Fine for forcing, bushy and full of buds.
12 to 15 in. high, $25.00 per 100. 15 to 18 in. high, $35.00 per 100.

RHODODENDRONS—Bushy perfect plants, brightest and best we ever had, full of flower buds. 18 to 20 in. high, $9.00 per doz. 20 to 24 in. high, $12.00 per doz.

LATANIA BORBONICA—4-in. pots, short and bushy, $15.00 per 100.

KENTIA BELMOREANA—5-in., fine, $60.00 per 100.

The Storrs & Harrison Co.

PAINESVILLE, OHIO.

Mention The Review when you write.

FEVERFEW

The Best Cut Flower for Memorial Day

Extra fine plants from 2½-inch pots, $4.00 per 100. Cash with order.

S. J. GODDARD, - FRAMINGHAM, MASS.

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FERNS

BOSTON 5-in., fine plants.....$25.00 per 100
2½-in., from bench... 3.00 per 100

TARRYTOWN, ELEGANTISSIMA

5-in.....$30.00 per 100
2½-in..... 6.00 per 100

HORACE G. WELTY

1995 East 105th St. CLEVELAND, OHIO

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THE MOSBAEK GREENHOUSE CO.

ONARGA, ILL.

ASPARAGUS Pl. Nanus, 2¼, 3 and 4-in., $2.50, $5.00 and $8.00 per 100.

FERNS. Boston, Piersoni and **Anna Foster,** 2¼, 3 and 4-in., $3.50, $6.00 and $12.00 per 100; 6-in., $4.00; 8-in., $8.00; 10-in., $15.00 per doz. **Elegantissima** and **Scottii,** 2¼, 3 and 4-in.; $5.00, $10.00, $17.50.

150,000 Cannas, in 35 best var. List mailed.

50,000 Hardy Perennials, field and pot-grown.

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Always Mention the....

Florists' Review

When Writing Advertisers

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 678

ADIANTUMS.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6-in. pots, $12.00, $18.00 and $24.00 per doz. Julius Roehrs Co., Rutherford, N. J.

Adiantum Croweanum, 3-in., $12.50 100.
Baur Floral Co., Erie, Pa.

Adiantum Farleyense, 5-in., $9.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

AGERATUMS.

Ageratums Pauline and others, 2-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum, strong, 2¼-in., white, $2.50 per 100. Hammerschmidt & Clark, Medina, O.

Ageratums Pauline and Gurney, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera brilliantissima, "original stock," finest red of all. From soil, $1.00 100; sand, 70c 100. A. nana, soil, 75c 100; sand, 60c 100. Prepaid. A. J. Baldwin, Newark, O.

Alternantheras, red, yellow and brilliantissima, July struck cuttings, $10.00 per 1000. From sand, January struck, $5.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

AQUILEGIAS.

ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
BARTELDES SEED CO., Denver, Colo.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $2.50; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00; 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus plumosus and Sprengeri, good, strong, healthy stock from 2½-in. pots, $2.50 per 100; $20.00 per 1000.
Evenden Bros., Williamsport, Pa.

Asparagus Sprengeri, very strong plants, 1-yr.-old, 3-in., 5c; 4-in., 8c. Cash with order.
Freeport Market Garden & Greenhouses, Freeport, Ill.

Asparagus plumosus nanus, strong 2-in., $2.00 100, $18.00 1000; 250 at 1000 rate.
E. G. Soller, Zanesville, O.

400 Asparagus plumosus nanus, $4.00 100; the lot, $3.50; 200, 2-in., $2.00 100.
U. G. Harglerode, Shippensburg, Pa.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00; 4-in., $12.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus plumosus nanus, 3½-in., $6.00 per 100. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus plumosus, 2½-in., $3.00. Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, from bench, ready for 4 and 5-in., 4c.
Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus, strong, 2½-in., $4.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, plants from 4-in. pots, $8.00 per 100. M. E. Eaton, Lyons, Iowa.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Sprengeri, strong, 2-in., $2.00; 3-in., $3.00.
A. Luther, R. D. 4, Kansas City, Mo.

Asparagus Sprengeri, 2-in., $2.25 per 100.
Hammerschmidt & Clark, Medina, O.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus plumosus, 3-in., $5.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz. Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Rex begonias, manicata aurea and rubra, 2-in., $3.00 100. Cash.
E. B. Randolph, Delavan, Ill.

Begonia Gloire de Lorraine, 4-in., $35.00; 5-in., $50.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

Flowering begonias, 2-in., 2½c. Cash.
Byer Bros., Chambersburg, Pa.

Assorted begonias, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

Flowering begonias, 2-in., $2.50 100.
National Plant Co., Dayton, O.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BULBS.

Dreer's summer flowering bulbs. The begonias and gloxinias offered by us are the best that skill and careful selection can produce. Description of varieties and prices are given in display adv.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

A BARGAIN IN BULBS. White Roman hyacinths, single and double hyacinths, narcissi, single and double tulips. See display adv. in last issue. Schmidt & Botley, Springfield, O.

Tuberous rooted begonias. Our bulbs come from the best specialist in Europe. Prices are given in display adv.
W. W. Rawson & Co., Boston, Mass.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

Begonias, fine, large, plump bulbs, and gloxinias are listed in display adv.
H. F. Michell Co., 1018 Market St., Phila.

Importers and growers of high grade bulbs. Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Amaryllis Johnsoni, assorted size, $6.00 per 100. C. W. Bakewell, Gretna, La.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill

CALADIUMS.

Caladiums, 9 to 11-in., 10c; 8 to 9-in., 6c; 6 to 8-in., 2c. A. J. Baldwin, Newark, O.

CALLAS.

Spotted callas, strong, $2.00 100, $18.00 1000; No. 2, $1.50 100, $15.00 1000; Van Fleet's golden flowered, $2.00 doz., $15.00 100.
The E. Y. Teas Co., Centerville, Ind.

CANNAS.

350,000
CANNAS
TRUE TO NAME.

Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

RED CANNAS.			
A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000	
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000	
Chas. Henderson, 4 ft.	2.00 100;	17.50 1000	
Crimson Bedder, 3 ft.	3.00 100;	27.50 1000	
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000	
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000	
Flamingo, 4½ ft.	2.00 100;	17.50 1000	
PINK CANNAS.			
L. Patry, 4½ ft.	$2.00 100;	$17.50 1000	
Martha Washington, 3½ ft.	2.00 100;	17.50 1000	
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000	
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000	
ORANGE CANNAS.			
Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000	
J. D. Cabos, 4½ ft.	2.00 100;	17.50 1000	
Pres. Cleveland, 4 ft.	3.00 100;	27.50 1000	
Queen of Holland	2.75 100;	25.00 1000	
Secretary Chabanne, 4 ft.	2.00 100;	17.50 1000	
GOLD-EDGED CANNAS.			
Mme. Crozy, 3½ ft.	$2.75 100;	$25.00 1000	
Queen Charlotte, 4 ft.	2.75 100;	25.00 1000	
Souv. de A. Crozy, 4 ft.	2.75 100;	25.00 1000	
YELLOW CANNAS.			
Buttercup, 3½ ft.	$5.50 100;	$50.00 1000	
Comte de Bouchaud, 4½ ft.	2.75 100;	25.00 1000	
Florence Vaughan, 5 ft.	2.00 100;	17.50 1000	
L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000	
WHITE CANNAS.			
Alsace, 3½ ft.	$2.00 100;	$17.50 1000	
Peachblow, 3 ft.	1.75 100;	15.00 1000	
BRONZE CANNAS.			
Black Beauty, 5 ft.	$6.00 100;	$50.00 1000	
David Harum, 3½ ft.	3.25 100;	30.00 1000	
Egandale, 4 ft.	3.25 100;	30.00 1000	
Grand Rouge, 8 ft.	1.75 100;	15.00 1000	
Musafolia, 8 ft.	2.75 100;	25.00 1000	
Robusta, 6 to 8 ft.	1.75 100;	15.00 1000	
Shenandoah, 6 ft.	2.25 100;	18.00 1000	
ORCHID CANNAS.			
Alemannia, 4 ft. 35c doz.	$2.25 100;	$18.00 1000	
Austria, 5 ft. 30c doz.	1.75 100;	15.00 1000	
Italia, 4½ ft.	2.25 100;	18.00 1000	
King Humbert, 4 ft., $2.00 doz.	15.00 100		
Kronus, 5 ft.	2.75 100;	25.00 1000	
Mrs. Kate Gray, 6 ft.	2.75 100;	25.00 1000	
Pennsylvania, 5 ft.	2.25 100;	20.00 1000	

For full description of above and fifty other varieties of cannas, see catalogue, mailed free.
ARTHUR T. BODDINGTON,
342 W. 14TH ST., NEW YORK.

King Humbert has eclipsed every modern canna. Strong points are its giant orange scarlet flowers, free blooming character, and grandest bronze-leaved ever introduced. Massed against hundreds at the late World's Fair, gold medal was awarded. Take advantage while stock lasts, 25c each; $2.50 per doz.; $20.00 per 100.

Brandywine and Egandale, $3.00 per 100; $25.00 per 1000. Crimson Bedder, rich and profuse bloomer, $2.50 per 100; $20.00 per 1000. Cash. A. Corlin, Elberon, N. J.

Cannas, 500,000 plump, sound roots, no culls, true to name, 2 to 3 eyes and more, all the leading kinds, $7.50 per 1000, and upwards. Write for list and price before you buy elsewhere.
Shellroad Greenhouses, Grange, Balto., Md.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Cannas. Kate Gray, Florence Vaughan, Burbank, J. C. Vaughan, Robusta, 2c. Souv. de Antoine Crozy, West Virginia, 2½c. Egandale, 3c. Black Beauty, 5c. All fine, solid bulbs.
A. J. Baldwin, Newark, O.

Cannas. Pres. Meyer, fine dazzling scarlet, $3.00. Pennsylvania, Kate Gray, Italia, $2.00 per 100. King Humbert, $2.50 per 12. Postpaid. Tony Toerner, Scio, O.

Cannas, dry bulbs of Alemannia, Austria, F. Vaughan, Marlborough (bronze), J. Montel, $1.50 per 100; $12.00 per 1000.
A. Thornhill, Rosedale, Kan.

New cannas, Wm. Saunders, Ottawa and New York 50c ea.; $5.00 doz.; $35.00 100.
Conard & Jones Co., West Grove, Pa.

Canna bulbs. Henderson, Austria and Leonard Vaughan, $2.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

Cannas, $2.00 100; $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Cannas. See display adv. for price.
Jos. H. Cunningham, Delaware, O.

Cannas, $2.00 and $4.00 per 100.
P. A. Baker, Media, Pa.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

Rooted carnation cuttings from healthy plants growing in virgin soil.

	100	1000		100	1000
Wolcott	$1.40	$10.00	F. Joost	$1.60	$12.50
Q. Louise	1.20	10.00	R. Lawson	1.60	12.50
Enchantress	1.60	15.00	Harlow'den	1.40	12.50
T. W. Lawson	1.40	10.00	Prosperity	1.40	12.50
Estelle	1.60	12.50			

200 at 1000 rate. Express prepaid. Five per cent discount for cash, or will ship C. O. D. subject to approval.
Bassett's Floral Gardens, Loomis, Cal.

Rooted carnation cuttings now ready.

	100	1000		100	1000
R. Craig	$5.00	$40.00	P. Lawson	$1.25	$10.00
Victory	5.00	.....	Q. Louise	1.25	10.00
Ench'tress	2.00	17.50	H'warden	1.50	12.50

Every cutting guaranteed. Cash or C. O. D., subject to examination.
Andrew Peterson, Hoopeston, Ill.

Carnations, A1 rooted cuttings. These prices for January delivery. Per 1000:

Enchantress	$20	B. Market	$15
Bountiful	25	Lawson	15
Cardinal	25	Harlowarden	15

100 at same rate. Cash with order.
Smith & Gannett, Geneva, N. Y.

ROOTED CARNATION CUTTINGS.

Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings, healthy stock.

Rose-pink Enchantress	$6.00 per 100
Enchantress	2.00 per 100
White Lawson	2.50 per 100
Variegated Lawson	5.00 per 100

Cash or C. O. D.
A. J. STAHELIN, Bedford, Mich.

Rooted carnation cuttings.

	100	1000		100	1000
Ench'tress	$2.50	$20	Estelle	$2.00	$15
P. Lawson	2.00	15	L. Bountiful	2.00	15
N. Fisher	2.00	15	B. Market	2.00	15
Ind'napolis	1.50	10	Lorna, white	1.50	10

C. A. Kuehn, 1122 Pine St., St. Louis, Mo.

Healthy rooted carnation cuttings. Queen Louise, Hill, Gomez, Norway, Boston Market, $9.00 per 1000. Melody, $5.00 per 100. Red Lawson, $15.00 per 100. Lawson, Harlowarden, Mrs. Nelson, $12.50 per 1000.
Unrooted cuttings of White Cloud and Hill, $3.75 1000. Wm. Ehmann, Corfu, N. Y.

Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100; Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

Carnations. Rooted cuttings of Enchantress, Nelson Fisher, Bountiful, Lorna, Estelle, The Queen, Pink Lawson, $2.00 per 100; $18.00 per 1000. White Perfection, $5.00 per 100. Good quality guaranteed. Cash with order.
Fred Stielow, Niles Center, Ill.

Carnation cuttings, well rooted. Lawson, $1.50 per 100; $12.00 per 1000. Enchantress, $2.00 per 100; $18.00 per 1000. These cuttings were taken from the best stock coming into this market.
C. C. Pollworth Co., Milwaukee, Wis.

Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100;	$18.00 per 1000
Bountiful	2.00 per 100;	18.00 per 1000
Estelle	1.50 per 100;	15.00 per 1000

Cash with order.
Blanksma Bros., Grand Rapids, Mich.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Elbon, a fine red carnation, easy to grow, a money maker. Fine rooted cuttings, $20.00 per 1000, $2.50 per 100. Send for catalogue of 35 other varieties. Locust St. Greenhouses, J. H. A. Hutchison, Prop., Oxford, Pa.

Carnations, 2000 Boston Market, well rooted cuttings, $12.50 per 1000; 500 at 1000 rate. Cash. W. H. Drake & Co., 567 Chicago St., Kenosha, Wis.

Carnations Imperial and Pink Imperial. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000. John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., N. Y.

Carnations, strong, healthy, rooted cuttings and 2½-in. pot plants, young stock, leading varieties. Prices are given in display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, rooted cuttings for January, 1907, delivery. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Rooted carnation cuttings. Helen Goddard, $6.00 100; $50.00 1000. Cash. For other varieties see display adv.
Geo. E. Buxton, Nashua, N. H.

Rooted carnation cuttings for immediate shipment. List of varieties and prices is given in display adv.
Loomis Carnation Co., Loomis, Cal.

Strong, well-rooted carnation cuttings of all the best kinds. Varieties and prices given in display adv.
Chas. Dauernheim, Jr., Kimmswick, Mo.

Carnation cuttings ready, healthy and well rooted. Varieties and prices are given in display adv.
Scheiden & Schoos, 60 Wabash Ave., Chicago.

Clean, healthy, well rooted carnation cuttings, ready now. See display adv. for varieties and prices.
Vaughan & Sperry, 58 Wabash Ave., Chicago.

For January delivery—Victory, White Lawson, Thos. Lawson, Queen Louise, Estelle. Write for prices. W. C. Rockwell, Bradford, Pa.

Queen, best standard white, summer or winter. Well rooted cuttings, $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

Carnation cuttings. Rose-pink Enchantress, $7.00 100; $60.00 1000. Other varieties given in display adv. W. B. Girvin, Leola, Pa.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Carnation cuttings, new leading varieties. Varieties and prices are given in adv. on front cover. Chicago Carnation Co., Joliet, Ill.

Rooted carnation cuttings, cool-grown, sturdy and vigorous. For varieties and prices, see display adv. A. C. Brown, Springfield, Ill.

Carnations, selected cuttings, well-rooted. Varieties and prices are given in display adv.
California Carnation Co., Loomis, Cal.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Rooted carnation cuttings, cool-grown. Varieties and prices are given in display adv.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Carnation Boston Market, strong, well rooted cuttings, $1.50 per 100; $12.00 per 1000. Express prepaid. S. W. Pike, St. Charles, Ill.

Strong, well rooted carnation cuttings. Varieties and prices are given in display adv.
Sol Garland, Des Plaines, Ill.

Well rooted carnation cuttings, healthy stock. For varieties and prices see display adv.
Peter Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv.
Valley View Greenhouses, Marlboro, N. Y.

Carnation Helen Goddard. Orders booked for rooted cuttings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000.
S. S. Skidelsky, 824 N. 24th St., Phila.

Snowdrift carnation, the money-making white, unrooted cuttings, $5.00 per 1000.
Frank A. Suter, Lancaster, Pa.

Rooted carnation cuttings. See display adv.
Wm. J. Moore, 1235 Filbert St., Phila.

Rooted carnation cuttings, leading varieties. Prices are given in display adv.
Wm. Winter, Kirkwood, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv.
J. W. Dunford, Clayton, Mo.

Carnation cuttings, leading varieties. List and prices are given in display adv.
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We have some fine specimen kentias and other decorative plants.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii, all sizes, $1.00 to $3.50 each. J. W. Young, Germantown, Phila., Pa.

Pandanus Veitchii, rooted cuttings, $12.00 per 100. Henry S. Pennock, Neptune, Fla.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
J. H. Krone, Jr., Fort Smith, Ark.

Pansies of a superior strain, large-flowering, well marked, $3.00 per 1000.
C. F. Mahan, R. D. 8, Dayton, O.

Pansy plants. Prices are given in display adv.
Jos. H. Cunningham, Delaware, O.

Pansy plants. See display adv.
F. A. Baller, Bloomington, Ill.

PEONIES.

Peonies. Queen Victoria (Whitleyii), $9.00 per 100; Festiva maxima, $30.00 per 100; Fragrans, the bloom producer, $6.00 per 100. For other varieties and 1000 rate, write
Gilbert H. Wild, Sarcoxie, Mo.

Wholesale grower of peonies. List of 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies a specialty. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 1200 sorts. Greatest list anywhere.
C. Betscher, Canal Dover, Ohio.

PETUNIAS.

Petunias, double, Dreer's strain, 2-in., 3½c.
A. J. Baldwin, Newark, O.

Petunias, double mixed. Rooted cuttings, 75c per 100, $5.00 per 1000; 2½-in., $1.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

Double petunias, mixed, 2-in. pots, $4.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

Petunias, $1.25 100; $10.00 1000.
C. Humfeld, Clay Center, Kan.

POINSETTIAS.

We have to offer 2000 poinsettias, strong, healthy, dormant stock, at $6.00 per 100, or $50.00 per 1000. Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

PRIMULAS.

Primula obconica, all colors, including new carmine. In bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100. Forbesi, in bud and bloom, 3-in., $5.00 per 100. Chinese, in bud and bloom, 3-in., $5.00; 4-in., $10.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Primulas. Chinese, 3½-in. pots, in full bloom, $8.00 per 100. Buttercup, 3½-in. pots, in full bloom, $7.00 per 100. All plants are very strong. Carl Meier, Green Bay, Wis.

300 Chinese primulas, Rupp's strain of seed, 4-in., $6.00 100; all in bloom and fine. 1000 obconica, 2 and 3-in. pots, $2.00 and $3.00 100.
U. G. Harglerode, Shippensburg, Pa.

Primula obconica giganteum, strong plants, bud and bloom, 3½-in., 6c. Chinese primroses, 4-in., bud and bloom, mixed colors, 8c.
Hammerschmidt & Clark, Medina, O.

Chinese primroses, good, strong plants, in bud and bloom, $5.00 per 100. We must have the room. Krueger Bros., Toledo, Ohio.

Primulas. Chinese and obconica, 3-in., $3.00; 4-in., in full bloom, $6.00 per 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Chinese primroses, 5-in., in bloom, all colors, $10.00 per 100. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Primula obconica, 2½-in., 3c; 3-in., 4c. Chinese, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

Chinese primroses, good, strong plants, 3½-in., $5.00 per 100.
Rode Bros., Bowling Green, Ohio.

Primula sinensis, 4-in., $1.50; 5-in., $2.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

BUSINESS BRINGERS—
Review
Classified Advs.

PRIVET.

10,000 California privet, 1-year, well rooted, $1.25 per 100; $10.00 per 1000.
W. F. Allen, Salisbury, Md.

Privet Amurense, bushy, 4 to 5 ft., $25.00; 3 to 4 ft., $18.00 100.
Klehm's Nurseries, Arlington Heights, Ill.

250,000 California privet, all sizes. Send for trade list. Valdesian Nurseries, Bostic, N. C.

California privet, all sizes.
J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendrons, bushy, leading forcing var., 18 to 20 in. high, $9.00; 20 to 24 in., $12.00 doz. Storrs & Harrison Co., Painesville, O.

ROOTED CUTTINGS.

Vinca var., 90c. Ageratums, 60c. Salvia Bonfire, 75c. German ivy, 60c. Hardy pinks, 75c to $1.00. Fuchsias, $1.00. Coleus, 60c 100. Prepaid. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Vinca var., Salvia splendens, 90c. Heliotropes, double petunias, $1.00. Other stock given in display adv.
Byer Bros. Chambersburg, Pa.

Begonia Vesuvius, vincas, red alternantheras, salvias, $1.00 100. Heliotropes and sweet alyssum, 60c. F. P. Sawyer, High St., Clinton, Mass.

ROSES.

"WE GROW TO ORDER"

For March, April and May delivery, Bride, Bridesmaid, Perle, Chatenay, Ivory and Richmond rose plants from 2½-in. pots at $3.00 per 100, $25.00 per 1000. First-class stock guaranteed. J. F. AMMANN, Edwardsville, Ill.

Roses, rooted cuttings. G. Gate, $1.25 per 100; $10.00 per 1000. Ivory, $1.25 per 100; $10.00 per 1000. Bridesmaid, $1.25 per 100; $10.00 per 1000.
Andrew Peterson, Hoopeston, Ill.

Rose Miss Kate Moulton, splendid in growth, 2½ and 3-in. pots, $12.00 100; $50.00 500; $100.00 1000. Early spring delivery.
Sibson Rose Nurseries, 1180 Milwaukie Ave., Portland, Ore.

Own root roses, 2 yrs. C. Ramblers, $7.00. Dorothy Perkins, P. W. and Y. Ramblers, $5.00. H. P. roses and Baby Ramblers, $8.00 100.
Gilbert Costich, Rochester, N. Y.

ROSES—Continued.

Roses. Baby Ramblers, the strongest dormant stock in the country, $25.00 per 100; 2½-in. pot plants, $7.00 per 100, $65.00 per 1000.
Brown Bros. Co., Rochester, N. Y.

Field rose bushes of Maman Cochet, white, $6.00 per 100; $50.00 per 1000; not less than 500 at 1000 rate. Cash with order.
C. Akehurst & Son, White Marsh, Md.

Roses, strong, healthy cuttings and pot plants. Young stock, leading varieties. Prices are given in display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

The beautiful new pink rose, MISS KATE MOULTON, is the queen of all pink roses. Write us about it.
Minneapolis Floral Co., Minneapolis, Minn.

Field-grown roses, low-budded, 2 yrs. old, well rooted. A list of varieties and prices is given in display adv.
F. Ludemann, Baker St., San Francisco, Cal.

KILLARNEY. Rooted cuttings and plants—large stock—early delivery. Write to headquarters.
WEILAND & RISCH, 59 Wabash Ave., Chicago.

Rooted cuttings of Bride and Bridesmaid roses, $1.50 per 100.
Brant Bros., Utica, N. Y. Successors to Peter Crowe.

Grafted roses. Kaiserin, Bride, Maid, Killarney, Richmond, $120.00 1000. March delivery.
Robt. Scott & Son, Sharon Hill, Pa.

Roses, strong rooted cuttings, leading varieties. See display adv. for prices.
Peter Reinberg, 51 Wabash Ave., Chicago.

H. P. roses, choice named, $1.50 doz. La France, $9.00 100.
F. A. Baller, Bloomington, Ill.

Bride and Maid, from bench, dormant, $6.00 100; $50.00 1000.
B. E. Wadsworth, Bx. 224, Danville, Ill.

Roses, 2-yr., field-grown, well rooted. See display adv.
Jackson & Perkins Co., Newark, New York.

Roses and all Holland grown plants in choicest varieties.
H. Frank Darrow, Box 1250, New York.

Rooted rose cuttings. Fine stock. See display adv.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses, strong, well rooted cuttings. See display adv. W. H. Gullett & Sons, Lincoln, Ill.

Field-grown roses, 2-yr.-old, budded, $9.00 100.
Sunset Nursery, 1506 Dwight Way, Berkeley, Cal.

Queen Beatrice, the new pink rose. Write F. H. Kramer, 916 F St., Washington, D. C.

Rose plants on own roots, now ready. Write for list. C. M. Niuffer, Springfield, O.

Hybrid roses, 2-yr., field-grown, $12.00 100.
Storrs & Harrison Co., Painesville, O.

Roses, rooted cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

New pink rose, Aurora. Write
Paul Niehoff, Lehighton, Pa.

Leedle Co., 101 best sorts, Springfield, O.

RUBBERS.

Rubbers, top cuttings, out of 3's. Strong, healthy plants, ready for delivery, $150.00 1000. In lots of 500 or less, $16.00 per 100; in lots of 100 or less, $17.00 per 100.
A. C. Oelschig & Son, Savannah, Ga.

Rubbers, strong plants, 4-in., 20c; 5-in., extra strong, 25c. Cash.
Fuhlbruegge Bros., Winona, Minn.

SALVIAS.

Salvias, good, strong rooted cuttings of St. Louis and Bonfire, $1.00 100; $8.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

Salvia St. Louis, rooted cuttings, 60c per 100; 2½-in., $2.00 per 100.
Andrew Peterson, Hoopeston, Ill.

SANSEVIERIAS.

Sansevierias, strong, 4-in., $1.50 doz.
C. Eisele, 11th & Roy, Philadelphia.

SEEDS.

Dreer's reliable flower seeds. New crops are now ready to send out. Display adv. gives a short list of the varieties which should be sown early. Send for our catalogues which contain the most complete offerings of seeds, plants and bulbs.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

Headquarters for cauliflower and Tripoli onion seed, Crystal Wax and Bermuda, and all other vegetable seeds of unrivaled quality. All flower seeds grown on an enormous scale. Ask for wholesale catalogue. Dammann & Co., San Giovanni a Teduccio, Italy.

Vegetable, flower and agricultural seeds. My specialties are Phlox Drummondii, and Lucerne of Provence (alfalfa). May I send you my catalogue? Jacques Rolland, Nimes, France.

Seeds of palms, ferns, asparagus, callas, cyclamen, Primula sinensis, tropical plants; white and red Bermuda onions, the true Teneriffe seed. Send for illustrated wholesale catalogue. Albert Schenkel, Seed Grower, Hamburg, Germany.

Seeds. L. C. Nungesser, Griesheim, nr. Darmstadt, Germany, exporter and importer. Specialties: Selected grass and clover seeds, alfalfa of Provence and Turkestan; free from dodder and cuscuta. Crimson clover.

Sweet pea novelties. A full description of real novelties in vegetable and sweet pea seeds is given in our list. Now ready and is free.
Watkins & Simpson, 12 Tavistock St., Covent Garden, London, England.

Seeds. Suhr's genuine Danish cauliflower, Dwarf Erfurter and Danish Giant, and Danish Ball Head cabbage.
Wholesale only. Write for particulars.
S. Suhr, Copenhagen, Denmark.

ASTER SEED. Selected strain of Vick's Daybreak (pink), 50c oz.; $2.00 ¼ lb.; $6.00 lb. You cannot duplicate this anywhere.
BARTELDES SEED CO., Denver, Colo.

High grade aster seed from the best American and European growers. Our display adv. gives a list of varieties and prices.
Johnson Seed Co., 217 Market St., Phila.

RELIABLE SEEDS. Sow the TRUE thing now. A miscellaneous list of varieties with prices is given in display adv.
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Danish seed, Cauliflower Snowball, and Haages, extra early Erfurter Dwarf. Cabbage White Amager (Stonehead). Write
Chris. Olsen, Odense, Denmark.

Choice vegetable seeds for forcing. Cucumber, cauliflower and others are given in display adv. in this issue.
Stokes' Seed Store, 219 Market St., Phila.

Florists' flower seeds, new crop of the finest quality. For complete list of seeds, send for trade price list.
Currie Bros. Co., Milwaukee, Wis.

A few more Asparagus comorensis seeds, $12.00 per lb.; $2.00 per 1000. Order at once.
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Choice flower seeds, finest strains. Price list on application.
H. B. May & Sons, Upper Edmonton, London, England.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Aster seed, commercial sorts, 25c tr. pkt.; 60c ¼ oz. Ostrich Plume, 50c tr. pkt., 75c ½ oz.
Geo. B. Hart, 24 Stone St., Rochester, N. Y.

Asparagus plumosus nanus, greenhouse-grown, $5.00 1000. Bridgeman's Seed Warehouse, 37 E. 19th St., New York.

Choice vegetable and flower seeds. Hasslach & Roumanille, Wholesale Seed Growers, St. Remy de Provence, France.

Choice Carlson white China aster seed, $1.00 per oz. Cash. W. H. Drake & Co., 567 Chicago St., Kenosha, Wis.

Rawson's hothouse cucumber, 60c oz. Scarlet Conical radish, 90c lb.
W. W. Rawson & Co., Boston, Mass.

Farquhar's Perfection forcing cucumber, 25c pkt.; 35c ¼ oz.
R. & J. Farquhar & Co., Boston, Mass.

Garden seeds in variety, Maine seed potatoes, onion sets, etc. Correspondence solicited.
S. D. Woodruff & Sons, Orange, Conn.

Wholesale seed growers. Onion, lettuce, carrot and sweet pea seeds are specialties.
Pacific Seed Growers' Co., San Francisco, Cal.

Shasta daisy and petunia seeds. Description and price are given in display adv.
Fred Grohe, Santa Rosa, Cal.

Asparagus plumosus nanus seed, $2.00 1000 seeds; $10.00 6000 seeds.
Taylor Seed Co., Glendale, Cal.

100,000 greenhouse-grown Asparagus plumosus nanus seed, ready now.
Jos. Wood, Spring Valley, N. Y.

We are growers of onion sets.
Gundestrup's Seed Store.
4273 Milwaukee Ave., Chicago.

Cauliflower and cabbage seed.
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Wholesale grower of vegetable and flower seeds. Selected stocks.
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Seed growers for the trade. Write us before placing contracts.
S. M. Isbell & Co., Jackson, Mich.

Flower seed for early sowing. Send for our preliminary list.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Cyclamen giganteum seed, $1.00 200; half packet, 50c.
John F. Rupp, Shiremanstown, Pa.

Asparagus plumosus, picked fresh, $2.50 per 1000. Hopkins & Hopkins, Chepachet, R. I.

SEED POTATOES. Early Michigan and Irish Cobbler. F. M. Pattington, Scipioville, N. Y.

Wholesale seed grower. Correspondence solicited. Waldo Rohnert, Gilroy, Cal.

Walters' Improved Telegraph cucumber, $4.00 oz. A. A. Walters & Son, Bath, England.

We are headquarters for Carlson aster seed.
E. H. Hunt, 76 Wabash Ave., Chicago.

We are growers of Puget Sound cabbage seed.
Chas. H. Lilly Co., Seattle, Wash.

Melon seeds a specialty. Wholesale only.
Freeman Hurff, Swedesboro, N. J

Comet tomato seed, $5.00 oz.
Wm. Sim, Cliftondale, Mass.

Asparagus plumosus seed.
Jos. H. Cunningham, Delaware, O.

SHAMROCKS.

Irish shamrocks, 60c doz.; $4.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

SHRUBS.

Syringa japonica, 8 to 12 in., $5.00 per 100. Berberis Sieboldii, allied to Thunbergi, 6 to 12 in., $5.00 per 100. Wistaria sinensis magnifica, 1-yr. seedlings, $2.00 per 100; 2-yr. plants, $5.00 per 100. Send for list of bulbs and hardy plants. E. S. Miller, Wading River, N. Y.

Cut leaf Staghorn sumach, large stock, 6c, 8c, 12c and 15c. Edw. Teas, Joplin, Mo.

All kinds of hardy shrubs. Ask for prices.
Klehm's Nurseries, Arlington Heights, Ill.

SMALL FRUIT PLANTS.

Dewberry plants, Lucretia and Austin, $5.00 per 1000, $20.00 per 5000; Premo, $6.00 per 1000, $25.00 per 5000. Turner red raspberry plants, $6.00 per 1000, $25.00 per 5000.
W. F. Allen, Salisbury, Md.

SMILAX.

One thousand strings smilax, $10.00 per 100. Cash.
E. S. Blauvelt, Wholesale Florist, Coeymans, N. Y.

Smilax, strong, 2-in., $1.20 per 100; $10.00 per 1000. F. Griswold, Worthington, O.

Smilax seedlings, fall-sown, $3.00 1000.
F. A. Baller, Bloomington, Ill.

Smilax from flats, 40c 100.
R. S. Hoxie, Mattapoisett, Mass.

SPIRAEAS.

Spiraeas, leading varieties. Prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Spiraeas, extra fine clumps, leading varieties. See display adv.
F. W. O. Schmitz, Prince Bay, N. Y.

STOVE—GREENHOUSE PLANTS

STOVE AND GREENHOUSE PLANTS.
Largest collection in the U. S.
Small plants and specimens.
Catalogue sent on application.
JULIUS ROEHRS CO., Rutherford, N. J.

STRAWBERRY PLANTS.

Strawberry plants, 90 best varieties, stock unexcelled. Ask for prices on what you want.
W. F. Allen, Salisbury, Md.

UMBRELLA PLANTS.

Umbrella plants, 2-in., $1.50 100. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

VEGETABLE PLANTS.

50,000 large, 4-year-old Barr's Mammoth asparagus roots, $6.00 per 1000; $25.00 per 5000; 500 will fill a sugar barrel.
W. F. Allen, Salisbury, Md.

Rhubarb and asparagus for forcing. Prices of these and vegetable seeds are given in display adv.
Stokes' Seed Store, 219 Market St., Phila.

Cabbage plants. Extra Early Jersey Wakefield, $2.00 per 1000.
A. H. Dailey, Knoxville, Tenn.

Grand Rapids lettuce, fine plants, $1.00 per 1000. J. C. Schmidt Co., Bristol, Pa.

Cabbage, lettuce, parsley and tomato plants.
R. Vincent Jr. & Son, White Marsh, Md.

VERBENAS.

Verbenas, finest named var., rooted cuttings, 75c 100; $6.00 1000. Plants, $2.50 100; $20.00 1000. J. L. Dillon, Bloomsburg, Pa.

Verbenas, rooted cuttings, 60c 100; $5.00 1000.
C. Humfeld, Clay Center, Kan.

VINCAS.

10,000 fine, strong, 2-in. Vinca var., ready for shifting, $2.00 per 100, $17.50 per 1000. Also rooted cuttings, dark and light green varieties, 50c per 100, $7.50 per 1000. Cash, please. I need the room.
F. C. Greene, Innis & 7th St., Oil City, Pa.

Vinca var., 2½-in., $2.50 per 100; $20.00 per 1000. Strong rooted cuttings, $1.00 per 100; $7.00 per 1000. Cash.
Benj. Connell, West Grove, Pa.

15,000 Vinca var., R. C., 50c 100; $7.50 1000. 5000 larger sizes. Write
Otto Bourdy, Lowell, Mass.

Vinca var., field clumps, 1st size, $5.00; 2nd size, $4.00 100. Cash.
J. J. Arnold, Homer, N. Y.

Vinca var., 2½-in., 2½c; 500 fine 4-in., 5c. Need room.
U. G. Harglerode, Shippensburg, Pa.

Vinca maj. var., 3-in., $4.00; 4-in., $5.00 100.
Leedle Co., Expert Rose Growers, Springfield, O.

Vinca major, field grown, $6.00 100.
Baur Floral Co., Erie, Pa.

Vina var., strong plants, $3.00 100.
A. Luther, R. D. 4, Kansas City, Mo.

Vinca var., 2½-in., $1.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

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Kudzu vines, large stock, 10c, 15c and 25c.
Edw. Teas, Joplin, Mo.

VIOLETS.

Violets. 5000 fall rooted plants of Princess of Wales, $1.25 per 100, by mail. Postpaid. The violet man
A. B. Campbell, Cochranville, Pa.

Princess violets, strong, field-grown plants, $50.00 1000. Wm. Sim, Cliftondale, Mass.

MISCELLANEOUS.

The best greenhouse plants, in leading varieties, are listed, with prices, in our display adv.
R. Vincent Jr. & Son, White Marsh, Md.

Miscellaneous plants from 2-in., $2.00 per 100. See display adv. for list.
Fred Grohe, Santa Rosa, Cal.

TO EXCHANGE.

To Exchange—Chrysanthemums, rooted cuttings of Jeanne Nonin, Robinson, Enguehard, White and Yellow Jones, Bonnaffon, Golden Wedding, Ben Wells, Willowbrook, Monrovia, Wm. Duckham, T. Eaton and others; carnations, rooted cuttings, A1 stock of Boston Market, Mrs. Lawson, Enchantress, Crocker and others; for rooted cuttings of 2¼-in. geraniums and other bedding stock, or what have you?
Chas. L. Baum, Knoxville, Tenn.

To Exchange—Chrysanthemum stock plants, C. Touset, $8.00 per 100; Jeanne Nonin, $8.00 per 100; Chadwick, $6.00 per 100; Omega, $5.00 per 100; W. Bonnaffon, $5.00 per 100; yellow, $5.00 per 100; for geranium cuttings, assorted, of S. A. Nutt, Jean Viaud, Ricard or Harrison, La Favorite, Beaute Poitevine, also coleus, the large leaved variety; salvias, Salleroi geraniums, and fuchsias. Must be good stock.
Ernest Oechslin, 188 Madison St., River Forest, Ill.

To Exchange—Boston ferns (see classified adv. for prices) for Rex and metallica begonias; geraniums, E. G. Hill, J. Viaud, double and single white; Granville, rose geraniums; fuchsias, double purple and white.
F. W. Heckenkamp, Jr., Quincy, Ill.

To Exchange—3000 canna bulbs of Charles Henderson and Austria, $2.00 per 100, for good carnation cuttings. If you are growing Tidal Wave, Silver Spray or Lizzie McGowan, please answer this adv. Arlin & Arlin, Clyde, Ohio.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

To Exchange—See adv. under cinerarias.
The Newburys, Mitchell, S. D.

To Exchange—See display adv.
F. E. Allen & Co., Brockton, Mass.

WANTED.

Wanted—A few hundred geraniums, Nutt, Beaute Poitevine and a good white, rooted cuttings, 2¼-in. or 3-in.
John M. Bell, Glencoe, Ill.

Wanted—Several thousand rooted or unrooted cuttings of Achyranthes Lindenii. Apply with price to North Hill Greenhouses, Akron, O.

Wanted—20,000 Asparagus plumosus, seedlings from flats, or 1½-in. pots. Send samples with quotations. The Templin Co., Calla, O.

Wanted—Martha Washington geraniums. Write
Bay View Greenhouses, Edgewood, R. I.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; lasts many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York; Boston, Philadelphia, St. Louis, Milwaukee, Chicago, Pittsburg, Cleveland, San Francisco, Los Angeles, Seattle, London.

CAPE FLOWERS.

When in the market for cape flowers, raffia, raffia matting, colored raffia, round reeds, bark cloth, etc., write for samples and prices to the importers.
Chas. W. Jacob & Allison, 18 Cedar St., New York.

CUT FLOWER BOXES.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
Livingston Seed Co., Box 104, Columbus, O.

Folding cut flower boxes, the best made. Write for list.
Holton & Hunkel Co., Milwaukee, Wis.

We make the best cut flower box made. Write us.
Edwards Folding Box Co., Phila., Pa.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson Ct., Chicago.

Light wood cut flower boxes.
Getmore Box Factory, Belleville, Ala.

Paraffin-lined paper boxes.
The Bloomer Bros. Co., St. Mary's, O.

DECORATIVE MATERIAL.

GREEN MOSS.
Pennsylvania fancy green sheet moss, $2.00 per 100.
Pittsburg Cut Flower Co., Ltd., 222 Oliver Ave., Pittsburg, Pa.

Wild smilax and all decorative evergreens. Caldwell The Woodsman Decorating Co., Evergreen, Ala.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

FERTILIZERS.

Wizard brand pulverized sheep manure. Write for booklet.
Pulverized Manure Co., 33 Exchange Ave., Chicago.

Bone meal, sheep manure, wood ashes, etc. Write us for anything you need.
W. W. Barnard Co., 161 Kinzie St., Chicago.

FLORAL DESIGNS.

Wax flower designs. New, exclusive styles. Low prices.
Scranton Florists' Supply Co., Scranton, Pa.

GALAX LEAVES.

Bronze galax. Owing to the large quantity we are growing this season, we will cut prices for the next thirty days. Case of 10,000, $3.25; case of 5000, $1.80; 1000, 90c, by mail. Cash with order. We ship only good stuff.
J. L. Thompson & Son, White, N. C.

Fresh bronze or green galax.
Scranton Florist Supply Co., Scranton, Pa.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or
Siebert Co., Pittsburg, Pa.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

Gold fish, Comets, Japanese Fantails, Fringetails, Telescopes, etc. Fish globes and aquariums.
The J. M. McCullough's Sons Co.,
316 Walnut St., Cincinnati, Ohio.

HOSE.

Anchor greenhouse hose.
Mineralized Rubber Co., 18 Cliff St., New York.

INSECTICIDES.

"Nico-fume," a great improvement over all other tobacco papers, 24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50.
"Nico-fume" liquid, 40% nicotine, ¼ pint, 50c; pint, $1.50; ½ gallon, $5.50; gallon, $10.50.
Kentucky Tobacco Product Co., Louisville, Ky.

Insecticides. We carry all the reliable kinds.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Century Insecticide, death to insects. Write
W. H. Kuld, Norwood, Mass.

Nicoticide kills all greenhouse pests.
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Dependable paint and putty.
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POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write
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Our stock of STANDARD FLOWER POTS is always large and complete.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

We make Standard Flower Pots, etc.
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Flower pots, hanging baskets, etc. Write for prices. Twin City Pottery Mfg. Co., 2406 Marshall St., N. E., Minneapolis, Minn.

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Ionia pots are the strongest, smoothest, most porous pots made.
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RED POTS. Standard pots at bottom figures.
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Red pots, azalea and bulb pans; get our prices. Keller Pottery Co., Norristown, Pa.

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SYRACUSE POTTERY CO., Syracuse, N. Y.

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Fresh tobacco stems.
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Fresh tobacco stems.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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WEED KILLERS.

To kill all weeds and grasses use DINAMINE. It has proven a great success. Does not kill the soil. One-gallon sample ($2.00) will make 20 gallons of strong, treating fluid.
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Model Extension carnation supports; also galvanized rose stakes and tying wire.
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Wm. H. Woerner, Wire Worker of the West. Manufacturer florists' designs only. Second to none. Illustrated catalogues.
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WIRE DESIGNS. We carry the largest stock in the West. Ask for list with discounts.
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Wire work. Best made. Try a sample order.
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Full line of wire work. Write for list.
Holton & Hunkel Co., Milwaukee, Wis.

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Manufacturers of Wire Designs.

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Wire work, all kinds.
C. E. Critchell, 36 E. 3rd St., Cincinnati, O.

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KILLS YOUR SCALE.

Take a can of the oil, dilute to four times its bulk with water and then spray or wash your plants. Prices—½ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.

Andrew Wilson, Dept. 5, Summit, N. J. or H. A. Dreer, Inc., Philadelphia.

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BUFFALO.

State of Business.

I don't remember that I told you anything about our New Year's trade. The weather was mild, the reverse of Christmas, and sales were ahead of last year. Violets were in great demand and a number of plants that were left over from Christmas went well. Trade since the holidays has seemed quiet, but it is more apparent than actual. There are not too many good flowers on the market. Roses and carnations are all cleaned up daily. Paper Whites and Romans go slowly, but they fill in and none go to waste.

Various Notes.

F. R. Pierson sent us a few dozen of the grand carnation Winsor. It is a great keeper and the color we are all after. We expect to see a grand display of it at Toronto.

Walter Mott gave us a call the other day in the interest of Bobbink & Atkins. On the same day we received C. Schwake, of New York, who talks lilies for Charles F. Meyer. Mr. Forbach happened to be along, so there was a hot talk on lilies. A remark by Mr. Forbach is worth repeating, as it may comfort some of those who may think their lilies late. He said that ten years ago, when in the employ of Joseph H. Rebstock, he had a number of Japanese bulbs that were only just showing through the soil February 1. The boys laughed at his thought of their being in flower at Easter, which that year happened to be the middle of April. In a steady temperature of 70 degrees there were ninety per cent of them in flower at the desired time. It is the old story: if the bulbs are well ripened before being dug and are given time to root in the pots, in a steady high temperature they will progress and flower.

At last we have had a meeting of the Florists' Club. On his return to life Mr. Neubeck was as chipper as ever. The report of the committee on summer outing was read and approved and to the credit of the committee a small balance was returned to the treasury of the club instead of asking the treasury to make up a deficit. There was a deplorable absence of city members and if it had not been for the loyal country members there would not have been a quorum. Especially noticeable was the absence of W. J. Palmer, vice-president of the Carnation Society, whom we fully and fondly expected to be present to urge a large attendance at Toronto. As it was, nearly all present promised to go to Toronto and we shall have ten or more as Buffalo's delegation. Will there be a more nearby convention to attend in the near future? We doubt it. Toronto will treat all visitors most hospitably. And then there are two establishments in the neighborhood well worth a longer trip to see. There is John H. Dunlop's model place, where roses are grown to perfection, and twenty miles from Toronto is the mammoth Dale place, where carnations, roses and violets are grown by the acre, and there are lots of other things on the northern shore of Lake Ontario. Let's all go and enjoy it.

W. S.

I ENCLOSE, on this Christmas day, $1 for another year's subscription to the REVIEW. I feel confident it will be the most useful and profitable present I can make myself.—CARL S. HOPKINS, Brattleboro, Vt.

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Send for our booklet, "Words of Wisdom," by leading growers. It is free.

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and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.

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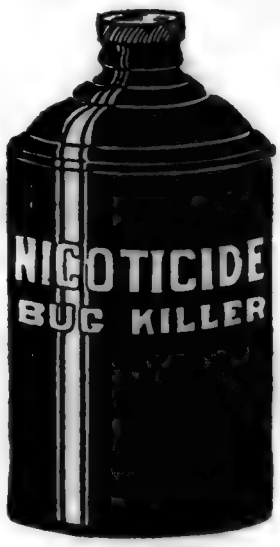
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The richest root food, stem and bloom producer you can use is

WIZARD BRAND PULVERIZED SHEEP MANURE

It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.
Special prices to florists and greenhouse operators. Write for booklet.

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The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

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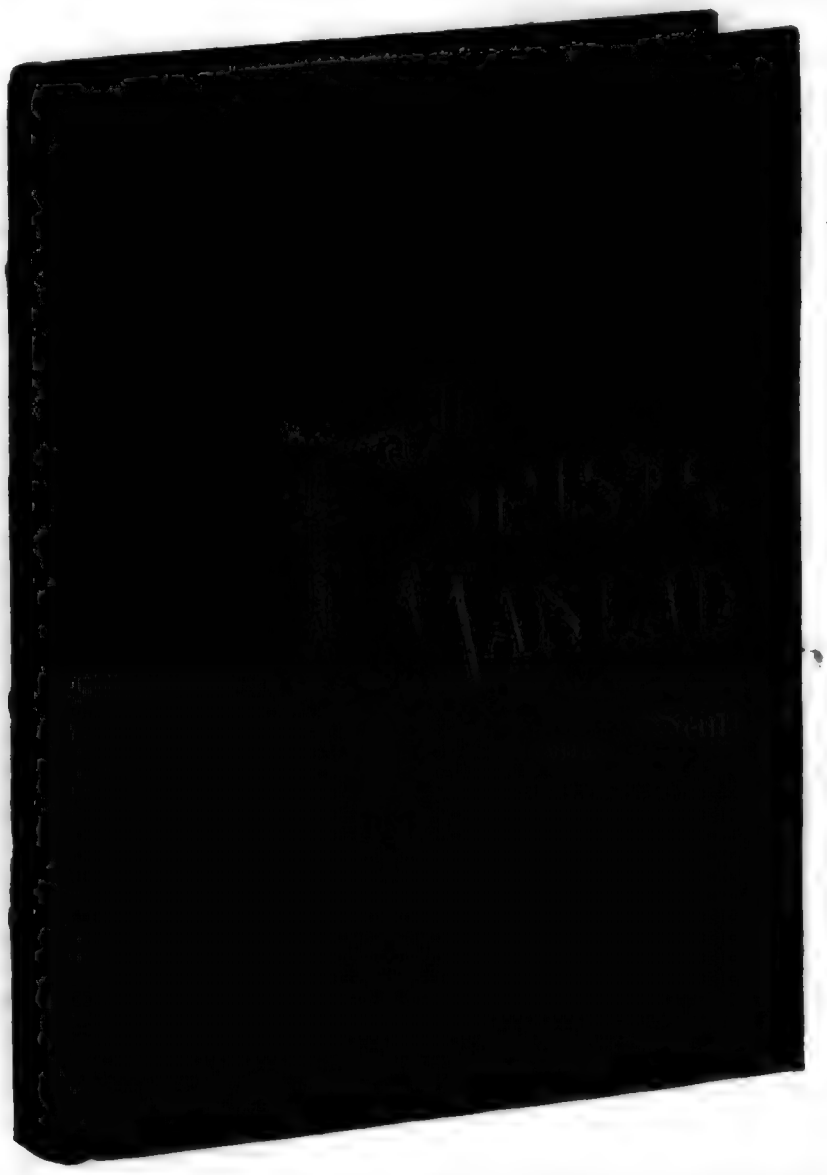
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Greenhouse Heating.

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RETURNS TOO SMALL.

Will you kindly assist us in locating the trouble with our hot water heating system? On the north side of the greenhouse are three 2-inch flows supplying six 1¼-inch returns. On the south side



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Reducing Valves, Back Pressure Valves, Steam Traps, Steam Goods
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Yours truly,
W. H. GULLETT & SONS, FLORISTS.

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Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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Consider well when buying a heater all of its points. Do not buy a heater because of some little patented device, the merit of which is dinned into your ear, while nothing is said of the general construction or make-up of the fixture. Look it all over carefully, and you will find yourself inclined to purchase a **FLORENCE.** Write for our catalogue, and it will be promply sent to you.

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High-Grade Boilers
Get our Catalogue For GREENHOUSES
STEAM and HOT WATER
GIBLIN & CO., Utica, N. Y.

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are two 3-inch flows supplying four 1¼-inch returns. The flows were laid side by side on stringers fastened to the legs of the benches. The returns were fastened one over the other to the legs of the benches. Last summer we noticed the benches had settled, so we tore out the arrangement and supported the flows on concrete blocks and the returns on uprights fastened to the blocks. Here is the trouble: Two north side flows are hot from end to end, while the center flow is hot for ten feet at the boiler end and for forty feet at the farther end, but cold in the center. Of the six returns, two are merely warm, while four are hot at the boiler end. The same is true of the four returns on the south side. The air pipes on each side are open and go out at the ridge, which is ten feet high. The boiler, a No. 7 Furman, is rated for double the work it is doing. There is a closed expansion tank in the workshop eight feet above the boiler. G. F. B.

If I understand the arrangement of pipes correctly you have a much greater capacity in the flow than in the returns, which is exactly the reverse of what it should be. It is probable that the lack of heat in the risers is due to impeded flow in the returns, because of the great friction, the result of their small size and the consequent throttling of the flow of water in the risers. Then, too, the pipe which does not heat well may have a kink in it which causes an impaired flow. Look carefully to the alignment of the pipes and see that they are free from kinks and have a uniform grade. Tap a small airvalve into the dead pipe and open it as a test for air from time to time, if adjusting the alignment does not remedy the difficulty. L. C. C.

BLOOMINGTON, ILL.

A year ago the florists of Illinois, under the impression that they should be awake to the modern spirit of progress and have a state association, called a meeting which was held in Peoria, where many men who were representatives in the culture of flowers over the state assembled and the Illinois Florists' Association sprang into being. A. I. Knowles, Frank Washburn, Arthur J. Graves, of this city, and J. W. Adams, of Normal, were there and believing that this city would be an ideal place for its second meeting urged upon the new organization to meet in this city next year. They presented their cause so well that in spite of several other invitations theirs was accepted.

After the delegates returned to this city they called a meeting of the local florists and nurserymen and formed the Florists' Club of this city with A. I. Knowles president. This organization will have charge of the annual convention which will be held here February 18 and 19. The Illinois hotel will be headquarters. The Business Men's Association will provide the convention hall for the meeting at some central point in the city near the hotel.

A big banquet will be given at the Illinois hotel on the night of February 19 and visits will be arranged to the greenhouses about the city.

J. F. Ammann, of Edwardsville, is president of the state association.

LOWVILLE, KY.—F. B. Pfister will, in the spring, build another greenhouse 22x 100, for carnations.

THE REVIEW will send Herrington's Chrysanthemum Book, with complete cultural details, on receipt of 50 cents.



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Asbestos is mined in open pits, similar to stone quarries, and although it is found in all parts of the world, the mines in Quebec, Canada, are the most famous, yielding eighty-five per cent of the world's supply of chrysotile. Probably the largest of these mines is that owned by the H. W. Johns-Manville Co., of New York. In 1879 the output of the Quebec mines was 300 tons, which has steadily increased year by year to 50,000 tons in 1905.

RETURNS TOO SMALL.

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Yours truly,
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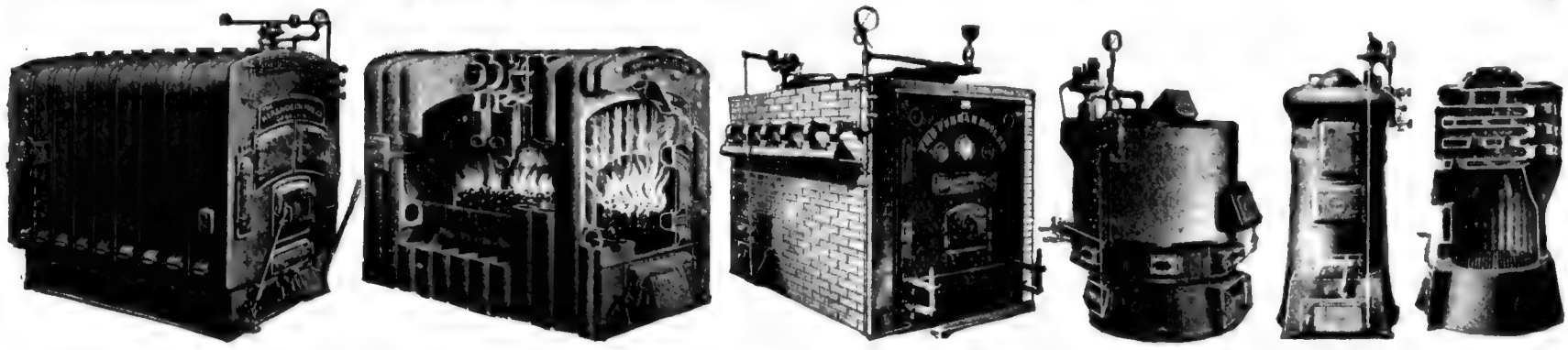
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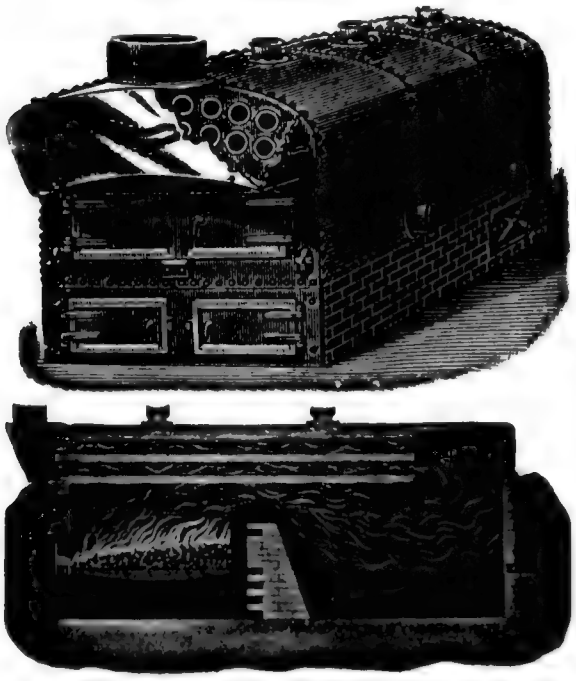
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re two 3-inch flows supplying four 1¼ nch returns. The flows were laid side y side on stringers fastened to the legs f the benches. The returns were fast ned one over the other to the legs of he benches. Last summer we noticed he benches had settled, so we tore out the arrangement and supported the flows on concrete blocks and the returns on uprights fastened to the blocks. Here is the trouble: Two north side flows are hot from end to end, while the center flow is hot for ten feet at the boiler end and for forty feet at the farther end, but cold in the center. Of the six returns, two are merely warm, while four are hot at the boiler end. The same is true of the four returns on the south side. The air pipes on each side are open and go out at the ridge, which is ten feet high. The boiler, a No. 7 Furman, is rated for double the work it is doing. There is a closed expansion tank in the workshop eight feet above the boiler. G. F. B.

If I understand the arrangement of pipes correctly you have a much greater capacity in the flow than in the returns, which is exactly the reverse of what it should be. It is probable that the lack of heat in the risers is due to impeded flow in the returns, because of the great friction, the result of their small size and the consequent throttling of the flow of water in the risers. Then, too, the pipe which does not heat well may have a kink in it which causes an impaired flow. Look carefully to the alignment of the pipes and see that they are free from kinks and have a uniform grade. Tap a small airvalve into the dead pipe and open it as a test for air from time to time, if adjusting the alignment does not remedy the difficulty. L. C. C.

BLOOMINGTON, ILL.

A year ago the florists of Illinois, under the impression that they should be awake to the modern spirit of progress and have a state association, called a meeting which was held in Peoria, where many men who were representatives in the culture of flowers over the state assembled and the Illinois Florists' Association sprang into being. A. I. Knowles, Frank Washburn, Arthur J. Graves, of this city, and J. W. Adams, of Normal, were there and believing that this city would be an ideal place for its second meeting urged upon the new organization to meet in this city next year. They presented their cause so well that in spite of several other invitations theirs was accepted.

After the delegates returned to this city they called a meeting of the local florists and nurserymen and formed the Florists' Club of this city with A. I. Knowles president. This organization will have charge of the annual convention which will be held here February 18 and 19. The Illinois hotel will be headquarters. The Business Men's Association will provide the convention hall for the meeting at some central point in the city near the hotel.

A big banquet will be given at the Illinois hotel on the night of February 19 and visits will be arranged to the greenhouses about the city.

J. F. Ammann, of Edwardsville, is president of the state association.

LOWVILLE, KY.—F. B. Pfister will, in the spring, build another greenhouse 22x100, for carnations.

THE REVIEW will send Herrington's Chrysanthemum Book, with complete cultural details, on receipt of 50 cents.



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MANCHESTER, MASS.

The annual business meeting and election of officers of the North Shore Horticultural Society took place last Friday evening, President McGregor in the chair. Reports from officers and the executive committee of 1906 were read and accepted. Herbert Clark was elected an honorary member. He now has the distinction of being a charter member and an honorary member. Balloting for officers for 1907 had the following result: President, James McGregor; vice-president, Thomas Jack; treasurer, John Baker; recording secretary, James Salter; financial secretary, Herbert Shaw; executive committee, James B. Dow, John Desmond, Frank C. Cole, Rev. Fr. W. F. Powers and Rev. C. A. Lincoln.

W. T.

PITTSBURG.

The Market.

The weather conditions have been rain and warmer, and then more rain for the last week. It is still raining. Shrubbery is beginning to show signs of life. The buds of many of the early sorts are already pushing out and crocuses are in bloom in several places.

Trade conditions are about average, using all stock which is coming in. Roses are still high in price, ranging from $6 to $18 per hundred. Carnations are more plentiful, with enough bulb stock of all kinds. Good Sprengeri is not plentiful, but all other greens are abundant. The retail stores complain that the high price which stock in general has maintained since before the holidays has extinguished the small trade, leaving them depending largely on funeral work and decorations.

Various Notes.

The Pittsburg Cut Flower Co. has been receiving quantities of freesia and violets.

Ernest Zieger, who has been confined to his home on account of illness, is again at his place of business.

It was thought that the committee appointed by the Pittsburg Florists' Club to arrange for a smoker for last week must have either died or left the country, as nothing has been heard of either the committee or the smoker; but they got back this minute and wish the smoker announced for Tuesday, January 22, when they promise to make up for their tardiness.



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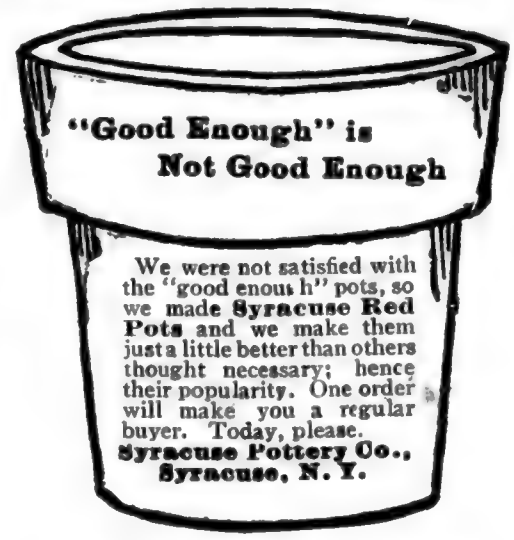
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Those who have decided to attend the American Carnation Society's convention at Toronto, January 23, will leave Pittsburg, Tuesday, January 22, at 11 p. m.; fare, round-trip, $12.35. Those going are Fred Burki, Albert Lorch, John Wyland, Charles Crall and C. P. Dudley.

Hoo-Hoo.

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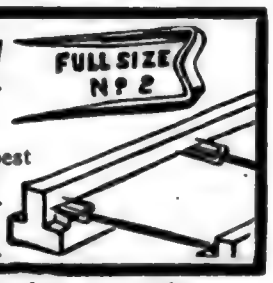


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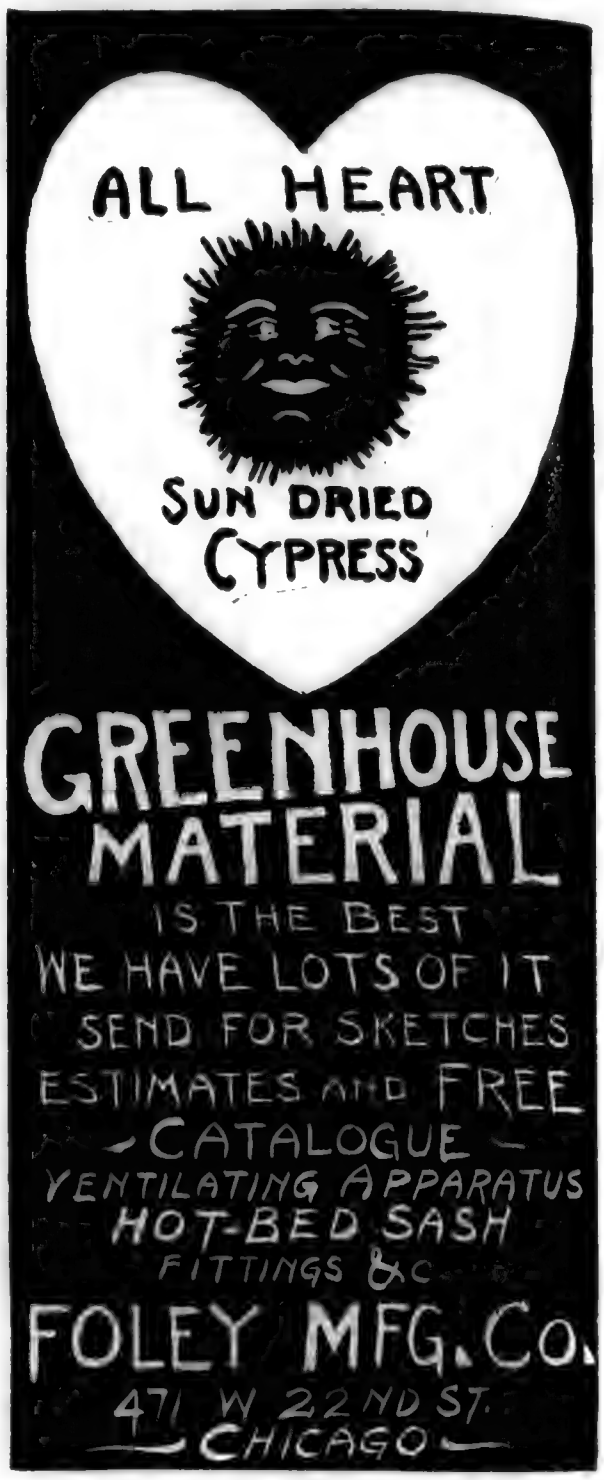
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Advertisements must reach us by Wednesday morning to insure insertion in the issue of that week, and earlier will be better.

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For delivery Spring, 1907

It will be open-air dried in the South and delivered when you want it.

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There is a reason for the demand for Standard Pumping Engines. We should like to write you about it.

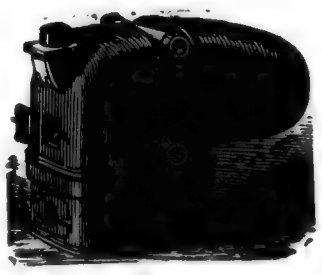


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CLEVELAND, OHIO.

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H AND C

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are what you want to do your figuring on. When a firm talks boiler economies, make them prove-up by showing you a boiler actually at work, making these economies—not only making them today, but one that has been making them year in and year out. We base our estimate of what our boilers will do for you, on what they have done for others. Corrugated Firebox or Sectional, just as you like—either is a boiler of economy.



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GREENHOUSE DESIGNERS AND BUILDERS.

Manufacturers of Heating and Ventilating Apparatus.

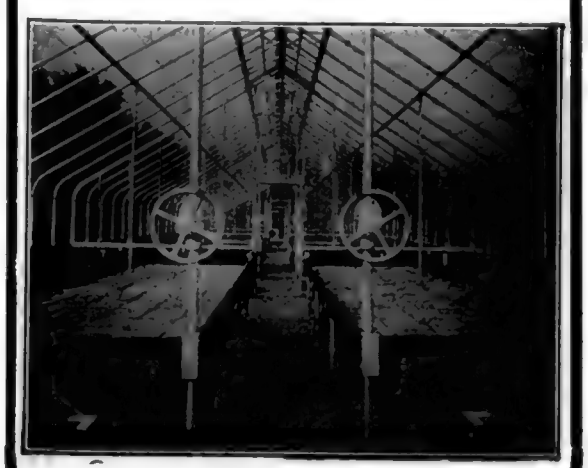
1170 Broadway, NEW YORK.

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To have both a light house and a strong, durable house is a difficult combination. When you remove shading members you remove supporting or stiffening members. U-Bar greenhouses are the best greenhouses built because the lightness of construction is not at the expense of durability or rigidity. No other construction combines both sashbar and iron rafter in one, while casting only the amount of shade of the sashbar alone. Send for catalog. **Pierson U-Bar Company, Designers and Builders of U-Bar Greenhouses,** Metropolitan Building, 4th Avenue and 23rd Street, New York.



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THE FLORISTS' HAIL ASS'N HAS PAID $101,000.00

for glass broken by hail in the past twenty years. For particulars address

JOHN G. ESLER, Sec'y, Saddle River, N.J.

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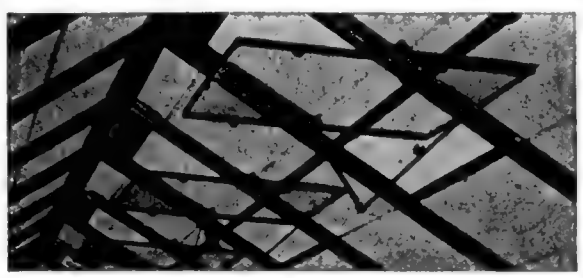
From Missouri

we received a letter not long ago which read: "The greenhouse material I bought of you was shipped on time, it came on time, and every time I buy again it will be of you. Let me say that it is entirely satisfactory in every way. I put it up and it fits like a 'negro's shirt.' You will hear from me again." If you are from Missouri or any other state we would like a chance to "Show You" why our material is better.

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20th Century

Self-Balancing Galvanized Iron

VENTILATORS (patented).

BEST and CHEAPEST

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Write for our prices. We do nothing but greenhouse work.

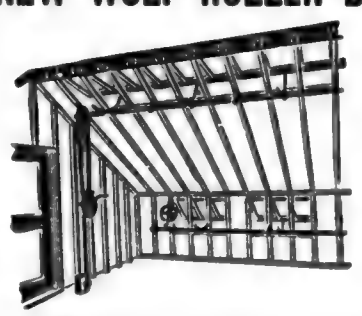
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NEW WOLF ROLLER BEARING PIPE



and improved cable ventilating machines are the most powerful on the market. Send for catalogue.

A. Q. Wolf & Bro.

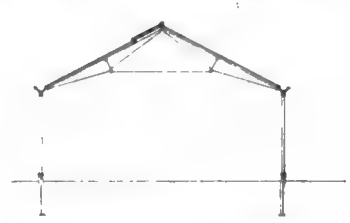
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Always mention the Florists' Review when writing advertisers.

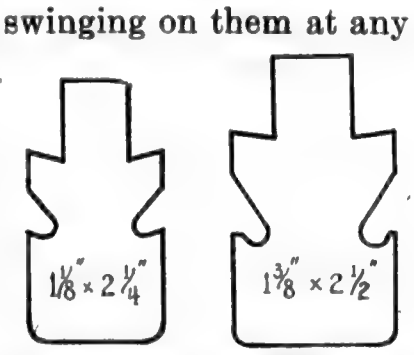
First, Let Us Tell You What Kind of a Trussed House

ours is, then if you want to go into its every detail, our catalog covers the entire thing, with sketches, cuts, and good readable descriptions taking you to the meat of the thing at once.



Section showing trussing, the cast-iron V gutter with drip gutter.

It's an easy enough matter to truss here and there through your house, but when the whole, standing-up, staying-togetherness of your house depends on the trussing, then you need expert engineering experience. We have that kind of experience, and as a result turn out the lightest and strongest truss house made. A house with absolutely rigid roof bars that easily stands the strain of a 175-lb. man swinging on them at any point, without the slightest perceptible giving. We have not reduced the trussing to mere ¼-inch wires, but ⅜-inch and 5-16-inch steel with ⅝-inch round purlins. We have a stronger house, and still it's lighter than any other, just because we truss at every sixth bar instead of at every fourth, while strutting at every other one instead of at every bar. For the truss house the sashbar is 1⅛-inch x 2¼-inch, in the column house it is 1⅜-inch x 2½-inch, making the truss-bar narrower but deeper. Our truss house is constructed on tried out, tested mechanical principles. You can make no mistake in buying it—Send for the catalog.



Truss house bar. Regular sashbar.

Lord & Burnham Co.

Greenhouse Designers and Manufacturers.

1133 Broadway, corner 26th St., NEW YORK.

BOSTON BRANCH, 819 Tremont Building.

GLASS

There is no question but what **NOW** is the time to buy your Glass. Prices are on the up-turn. **BE QUICK** or you will pay more. **WRITE US TODAY.** We are headquarters for

GREENHOUSE GLASS

SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET CHICAGO

UNIVERSITY OF ILLINOIS.

16.05
ELO

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN, NURSERYMEN



CARNATION NUMBER

CHICAGO & NEW YORK, JAN. 24. 1907

DO YOU Want to Save Money?

HERE ARE THE AMOUNTS YOU CAN SAVE ON EACH SIZE WE MAKE.....

No. 1 Boiler	$23.00	No. 6 Boiler	$36.00	No. 11 Boiler	$50.00
No. 2 Boiler	25.00	No. 7 Boiler	38.00	No. 12 Boiler	52.00
No. 3 Boiler	28.00	No. 8 Boiler	40.00	No. 13 Boiler	55.00
No. 4 Boiler	30.00	No. 9 Boiler	43.00	No. 14 Boiler	62.00
No. 5 Boiler	33.00	No. 10 Boiler	47.00		

You will have noticed that all metal goods have advanced during the fall, and prices are still advancing. We foresaw this and secured a liberal stock of boiler-plate before the rise. While this stock lasts, we will sell you a boiler at last year's prices, but when this material is used up we will be obliged to advance our prices, the same as others have done, and such advance will be at least the amounts stated above, ranging from $23.00 on No. 1 to $62.00 on No. 14.

1906 prices can be secured by ordering a boiler NOW. You need not take the boiler or pay for it until you want it.

We could write pages on the superior qualities of our boilers, but after all **"THE PROOF** of the pudding is in the eating." and here it is: **Sold in 1906 boilers to 150 new establishments** to heat 2,158,000 sq. ft. of glass. If you want to know more about our boilers, please write us, and we will refer you to users in your neighborhood. Our boilers can be seen from ocean to ocean and from the Gulf of Mexico to and including British Columbia.

The Weekly Florists' Review.
DECEMBER 20, 1906.

Greenhouse Heating.

A HEATING RECORD.

I have two houses, each 23x100, in which I grow lettuce and general stock. I keep a night temperature 50 to 52 degrees. They are heated with hot water. There are two flows in each house, along the purlins. One 3½-inch pipe supplies six 2-inch pipes under the outside benches and one 3-inch flow supplying four 2-inch pipes under the inside benches. The outlet from each house is separate into the boiler in 5-inch pipe. I had a special boiler made to order that has proved itself beyond my expectations. In the winter of 1905-6 I used thirty-one tons of coal at $1.90 and ten cords of 3-foot wood worth about $2.50 per cord. This I thought very reasonable. The circulation is perfect. Last winter in moderate weather, that is, not windy and outside temperature 20 degrees or so above zero, I would leave the boiler nine hours with a variation of but 3 degrees.

Ten days ago I was called to Cleveland overnight. The outside temperature was 46 degrees at 2:40 p. m., when I left the boiler, with a gradually sinking mercury. There being no men about, I left instructions that the boiler should not be touched until next morning. My wife, on my return next evening, reported that at 7 p. m. it became quite windy and by 9:30 was freezing, with stormy outlook. When she awoke at 6 a. m. the outside temperature was 26 degrees and the greenhouses were 47 degrees. I think this is a record for fifteen hours and twenty minutes without attention. I would like to hear from anyone who can beat it. S. C. TEMPLIN.

That's The Chap Referred To

Send for Catalogue



KROESCHELL BROS. CO., 51 Erie St, CHICAGO

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, JANUARY 24, 1907. No. 478.

Aster to Zinnia

VERBENA

Our Mammoth Quality Strain is without a doubt the finest ever offered to the trade.

	Trade pkt.	Per oz.
Mammoth, blue	$0.25	$1.25
Mammoth, pink	.25	1.25
Mammoth Defiance, scarlet	.25	1.25
Mammoth, striped	.25	1.25
Mammoth, white	.25	1.25
Mammoth, mixed	.25	1.00
VINCA		
Alba, white with rose center	.15	.50
Alba Pura, pure white	.15	.50
Rosea, pink	.15	.50
Mixed	.10	.40

Our catalogue contains all seasonable seeds for florists; Also bulbs and plants. It's free.

ARTHUR T. BODDINGTON, 342 WEST 14TH ST., New York City

LILY BULBS

COLD STORAGE GIGANTEUM, 7-9, for summer forcing. Few cases of **MULTIFLORUM,** October shipments.

WM. F. KASTING

383 Ellicott St. BUFFALO, N. Y.

Begonia Gloire de Lorraine

IN BLOOM

4-inch ..... per 100, $35.00
5-inch ..... per 100, 50.00

Pandanus Veitchii, finely colored, 24 in. high from top of soil, $1.00 each.

Pandanus Veitchii, large plants, $1.50 to $3.00 each.

Boston Ferns, specimens, $18.00 per doz.

Adiantum Farleyense, 5-in. pots, $9.00 per doz.

J. A. PETERSON, WESTWOOD, CINCINNATI, O.

Fuchsia Little Beauty

2¼-inch. Feb. delivery. Plants thrifty and well branched, $4.50 per 100; $40.00 per 1000. **Standard Varieties,** all early bloomers, $3.00 per 100.

Vinca Major, green variegated with light green, field-grown, $6.00 per 100.

Boston Ferns, bench-grown, $10.00, $15.00 and $20.00 per 100.

Scottii, bench-grown, ready for 3 and 4-inch pots, $6.00 per 100.

Chrysanthemum Stock Plants, best standard varieties, 75c per doz. Send for list of varieties.

Hydrangea Otaksa all sold. Let us have your order early for next fall delivery and assure you of best possible service.

Poinsettias, summer delivery. Place your orders now for this valuable Christmas plant. As usual, we will have the best stock in the market. 2½-inch, $5.00 per 100; $45.00 per 1000. 3-inch, $7.00 per 100; $65.00 per 1000.

On any article, 25 at 100 rate, 250 at 1000 rate.

BAUR FLORAL CO., ERIE, PA.

ARISTOCRAT,

Beautiful Cerise, Champion of Champions, Winner Everywhere.

ARISTOCRAT is the most productive.
ARISTOCRAT is one of the earliest.
ARISTOCRAT has a perfect stem, 24 to 30 inches, strong and wiry.
ARISTOCRAT has an ideal habit, strong, clean and healthy, a very rapid grower.
ARISTOCRAT is perfect in every way.
ARISTOCRAT is sold everywhere.

If you have not placed your order do so at once.

March 1 Delivery. $12.00 per 100; $100.00 per 1000.

CHICAGO CARNATION CO., A. T. PYFER, Mgr. **Joliet, Ill.**

THE E. G. HILL CO.

RICHMOND, INDIANA

Our general list quoting

Roses, Carnations, Mums, Geraniums

Ready early in January.

High-Grade Novelties Our Specialty

Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

They're FRESH	T. P.	Oz.
Alyssum Little Gem	$0.10	$0.15
Balsam Alba Perfecta	.10	.75
Cobaea Scandens, purple.	.10	.30
Dracaena Indivisa	.10	.25
Forget-Me-Not, Victoria	.10	.75
Mignonette Machet	.10	.50
Petunia, Calif. Giants	.25	...
Salvia Splendens	.15	1.00

Crop of 1906.	T. P.	Oz.
Lobelia Speciosa	$0.10	$0.50
Lobelia Crystal P. comp.	.15	1.00
Smilax	.10	.25
Stocks Cut and Come Again	.25	...
Stocks Ten Weeks', mxd.	.25	...
Stokesia Cyanea	.10	...
Thunbergia	.10	.60
Verbena, Mammoth	.25	1.00

For select strains of **VEGETABLE SEEDS,** Lettuce, Radish, Tomato, Cabbage, Cucumber, etc., consult our **Market Gardeners' Wholesale List,** mailed upon request.

THE W. W. BARNARD CO., SEEDSMEN, 161-163 Kinzie St., **CHICAGO**

E. F. WINTERSON CO.

45-47-49 Wabash Avenue, CHICAGO, ILL.

We Anticipate Good Supplies of Carnations FOR McKINLEY DAY JANUARY 29

SEND US YOUR ORDER NOW. CHICAGO MARKET QUOTATIONS.

We are now receiving good supplies of

American Beauties, Roses, Carnations, (especially extra fine Enchantress), **Violets, Valley, Mignonette, Callas, Stevia, Romans and plenty of Greens of all kinds.**

Headquarters for Fancy Boxwood, Wild Smilax, Bronze and Green Galax, Etc.

CARNATIONS

Cool-Grown, Well-Rooted Cuttings. For Immediate or Later Delivery.

WHITE PERFECTION, (the grandest of them all), **$5.50 per 100; $50.00 per 1000**

Bountiful	per 100, $2.75	per 1000, $25.00	**Nelson Fisher**	per 100, $2.25	per 1000, $20.00
Enchantress	" 2.00	" 18.00	**Mrs. T. W. Lawson**	" 1.75	" 15.00
			Boston Market	" 1.35	" 12.00

Special attention is called to the variety "**White Perfection.**" We offer the true sort, and quality of cuttings cannot be beaten. You will want this. **Book Order Now.** Quality guaranteed. If you don't like them we pay express both ways. **Catalogue Free.**

The Most Complete Line of Up-to-date Florists' Supplies and Wire Designs in the West. Catalogue free.

ROOTED CUTTTINGS

Strong, Healthy Stock

No order too large or too small for us to fill. There is nothing too good for the florist. Here is our list:

	Per 100	Per 1000		Per 100	Per 1000
RED RIDING HOOD, scarlet	$12.00	$100.00	**BOUNTIFUL**	$3.00	$25.00
ROSE-PINK ENCHANTRESS	7 00	60.00	**LIEUT. PEARY**	4.00	30.00
WHITE PERFECTION, pure white	6.00	50.00	**CARDINAL**	4 00	30.00
Daybreak Lawson or MELODY	6.00	50 00	**RED LAWSON**	4.00	30.00
HELEN GODDARD	5.00	45.00	**VICTORY**	6.00	50.00
FIANCEE	4.00	30.00	**VARIEGATED LAWSON**	3.00	25.00
WHITE LAWSON	3.00	25.00	**HARLOWARDEN**	2.00	15.00

Aristocrat **Beautiful cerise. The carnation every up-to-date florist will grow. A Winner Everywhere.** Aristocrat is the carnation for everybody. Early; a wonderful producer; a very quick grower; every bloom is perfect; the stem is strong and wiry; the color very attractive; making it an ideal carnation in every respect. March 1 delivery. **$12.00 per 100; $100.00 per 1000; $450.00 per 5000.**

CHICAGO CARNATION CO. A. T. Pyfer, Manager Joliet, Ill.

BOMBAYREED JARDINIERES

Are What The Florists Are Using Nowadays!



No. 7—Japanese.

WHY?

Because they wear. They stand exposure to sunlight and moisture.

They are not made of grass or split willow, **but** from the genuine solid bamboo reeds, imported direct from India for our own use, which makes them admirable for decorating and hard usage.

The BOMBAYREED JARDINIERES are **quick** sellers, too, because they are extensively advertised in the popular magazines. We create a big demand.

They are by far the most artistic and serviceable jardinieres on the market today.

We offer liberal trade discounts and prepay freight on wholesale orders. All our jardinieres are made in nine styles and in all colors. Sizes from four inches up. Flexible pot covers in extra large sizes. Our prices are low and inviting.

We will send you by express prepaid an eight-inch sample in any style or color. When you get it try their lasting qualities and order, if you are satisfied.



Window boxes—all sizes, metal lined.

Don't forget that our Foliage Green colors have made the hit.

See our artistic window boxes.

Write today for our sample price list and interesting catalog.

Bombayreed Mfg. Co.

COLUMBIA, S. C.

Bassett & Washburn

Rooted Cuttings of ROSES

Richmond	per 100,	$1.50	per 1000,	$12.50	**Carnot**	per 100,	$2.50	per 1000,	$20.00
Kaiserin	"	2 50	"	20.00	**Bride**	"	1.50	"	12.50
Perle	"	2.50	"	20.00	**Bridesmaid**	"	1.50	"	12.50
MacArthur	"	2.50	"	20.00	**Chatenay**	"	1.50	"	12.50

Rooted Cuttings of CARNATIONS

Enchantress	per 100,	$2.50	per 1000,	$25.00	**Gov. Wolcott**	per 100,	$1.50	per 1000,	$15.00
Lady Bountiful	"	2.50	"	25.00	**Prosperity**	"	2.00	"	15.00
Lawson	"	1.50	"	15.00	**Harlowarden**	"	2.00	"	15.00

OUR CUTTINGS ARE ALL STRONG, HEALTHY AND WELL ROOTED.
We sell 500 at 1000 rate. All Cuttings Shipped from HINSDALE, ILLINOIS.

Bassett & Washburn

GREENHOUSES, HINSDALE, ILL. Office and Store, 76 Wabash Avenue, CHICAGO

..BEACON CARNATION..

(ORANGE-SCARLET)

Try Beacon
If only a few.
You'll want
all you can
raise of it the
next season.

Originated At
ELLIS, MASS.

Has Again Demonstrated

Its Commercial Value.

One of the Most Productive Carnations Ever Offered.

This season, of 1906-7, it has been grown and tested by the following:

THE COTTAGE GARDENS CO., Queens, N. Y.	**5000 Plants**
E. A. STROUD, Strafford, Pa.	**1000 Plants**
THE PARK FLORAL CO., Denver, Col.	**50 Plants**

PRICES: Per 100.....$12.00; 50 at 100 rate. Per 1000.....$100.00; 250 at 1000 rate.
Per 2500....$95.00 per 1000. Per 5000....$90.00 per 1000. Per 10,000....$80.00 per 1000.

We are prepared to make prompt delivery.

The Cottage Gardens Co.
QUEENS, N. Y.

PETER FISHER,
ELLIS, MASS.

Send For Descriptive Circular. Mention This Paper.



VIEW OF ONE OF OUR PROPAGATING HOUSES FOR CARNATIONS.

FOR A LONG SERIES OF YEARS OUR

ROOTED CUTTINGS

Have given such regular and **perfect satisfaction,** both as to quality of stock and character of packing that the supplying of young stock has become a very large and important part of our business. **We hold our customers** and ship cuttings to every state in the Union. Satisfaction guaranteed.

Mum Rooted Cuttings

Ready for Delivery March 1.

We are the largest growers of young stock of Chrysanthemums in the United States. Growing a big list of varieties—all the standard and newer commercial sorts—we can supply rooted cuttings in any quantity. Write for prices, stating varieties and quantity wanted. Place orders now. Shipment when wanted after March 1.

Carnation Rooted Cuttings

...READY NOW...

	Per 100	Per 1000
PINK		
Mrs. Lawson	$1.50	$12.50
Nelson Fisher	2.50	20.00
Guardian Angel	1.25	10.00
LIGHT PINK		
Enchantress	2.00	17.50
WHITE		
Lady Bountiful	2.00	17.50
Lieut. Peary	3.00	25.00
Boston Market	1.25	10.00
White Cloud	1.25	10.00
Fred Burki	2.00	17.50
CRIMSON		
Harlowarden	2.00	15.00
RED		
Chicago	1.50	12.50
Estelle	2.00	15.00
Red Sport	2.00	15.00

ROSES, Kaiserin, 2½-in. pots, $4.00 per 100; $30.00 per 1000. Fine Stock.

WIETOR BROS.

Wholesale Growers of Cut Flowers

51 Wabash Avenue, CHICAGO

OUR CARNATION NOVELTIES FOR 1907

Winsor, White Enchantress and Helen M. Gould

ONE way to judge carnations is to see them on the exhibition tables. A better and more convincing way is to see them growing; therefore we cordially invite all carnation growers to visit us and judge for themselves regarding the superiority of the above named sorts.

Our carnation houses are at **SCARBOROUGH-ON-HUDSON** (not Tarrytown). Friends who desire to visit us can take the N. Y. C. & H. R. R. R. from New York. Trains leave there every half hour. Scarborough is the first station north of Tarrytown. Our grounds adjoin the station, and the greenhouses are about five minutes' walk from the station.

We are growing **25,000 PLANTS OF WINSOR** for cut flowers alone, for the New York market this season, which shows the faith we have in it. This will also enable visitors to see it growing in quantity, and, besides that will give us enough plants to get a great abundance of fine, healthy cuttings without over-propagating. We have already booked a large quantity among the large growers, and anticipate for this variety the largest sale of any new carnation that has ever been distributed, as large growers who have seen it are enthusiastic in regard to its value. Those who have seen it have immediately placed large orders for it, so we recommend those who have not ordered to place order without delay, so as to ensure early delivery.

For full description of these three valuable novelties, see our Wholesale Price List.

Wholesale Prices, Rooted Cuttings, Spring 1907

WINSOR. Soft silvery pink. The best color, best keeper, best shipper, best seller—best every way. $12.00 per 100; $100.00 per 1000.

WHITE ENCHANTRESS. Has the large size, long stem, productive habit of Enchantress, but it is pure white. $12.00 per 100; $100.00 per 1000.

HELEN M. GOULD. A beautiful sport of Enchantress. Ground color lovely shade of silvery pink, with very fine pencilings of carmine, making an exceedingly exquisite combination. While on close observation this variety is variegated, the general effect is one beautiful tone of dark pink. Exceedingly valuable, because it combines the earliness, freedom, long stem, and large size of Enchantress, giving another color possessing all the other desirable qualities of Enchantress. $12.00 per 100; $100.00 per 1000.

BEACON. Orange-scarlet. A vigorous, healthy grower, of ideal habit. A profuse bloomer, with long stems. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Cerise-pink. Will be planted largely in place of Lawson. $12.00 per 100; $100.00 per 1000.

MELODY. Daybreak sport of Lawson, about the same color as Enchantress, but much brighter, and does not fade like Enchantress. Also a much better keeper and shipper. Those who grow the Lawson varieties exclusively will find this very valuable and desirable, because it gives an improved Enchantress color, which is so popular, and at the same time can be grown in the same house with the other Lawsons. An extra fine thing in every way and in great demand. A great addition to the Lawson class. $10.00 per 100; $75.00 per 1000.

ROSE-PINK ENCHANTRESS. A sport of Enchantress. Color, dark rose-pink. $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. A novelty of 1906, and a variety for which there is a great demand this season. A third larger than Lady Bountiful and a more perfect flower. $6.00 per 100; $50.00 per 1000.

VICTORY. Scarlet. This is giving great satisfaction, being a free blooming, profitable scarlet. $6.00 per 100; $50.00 per 1000.

RED LAWSON. A fine red. Our stock of this is superior to many stocks of Red Lawson that we have seen. $4.00 per 100; $30.00 per 1000.

VARIEGATED LAWSON. The most productive of the variegated sorts. A favorite. Outblooms Mrs. M. A. Patten. $4.00 per 100; $30.00 per 1000.

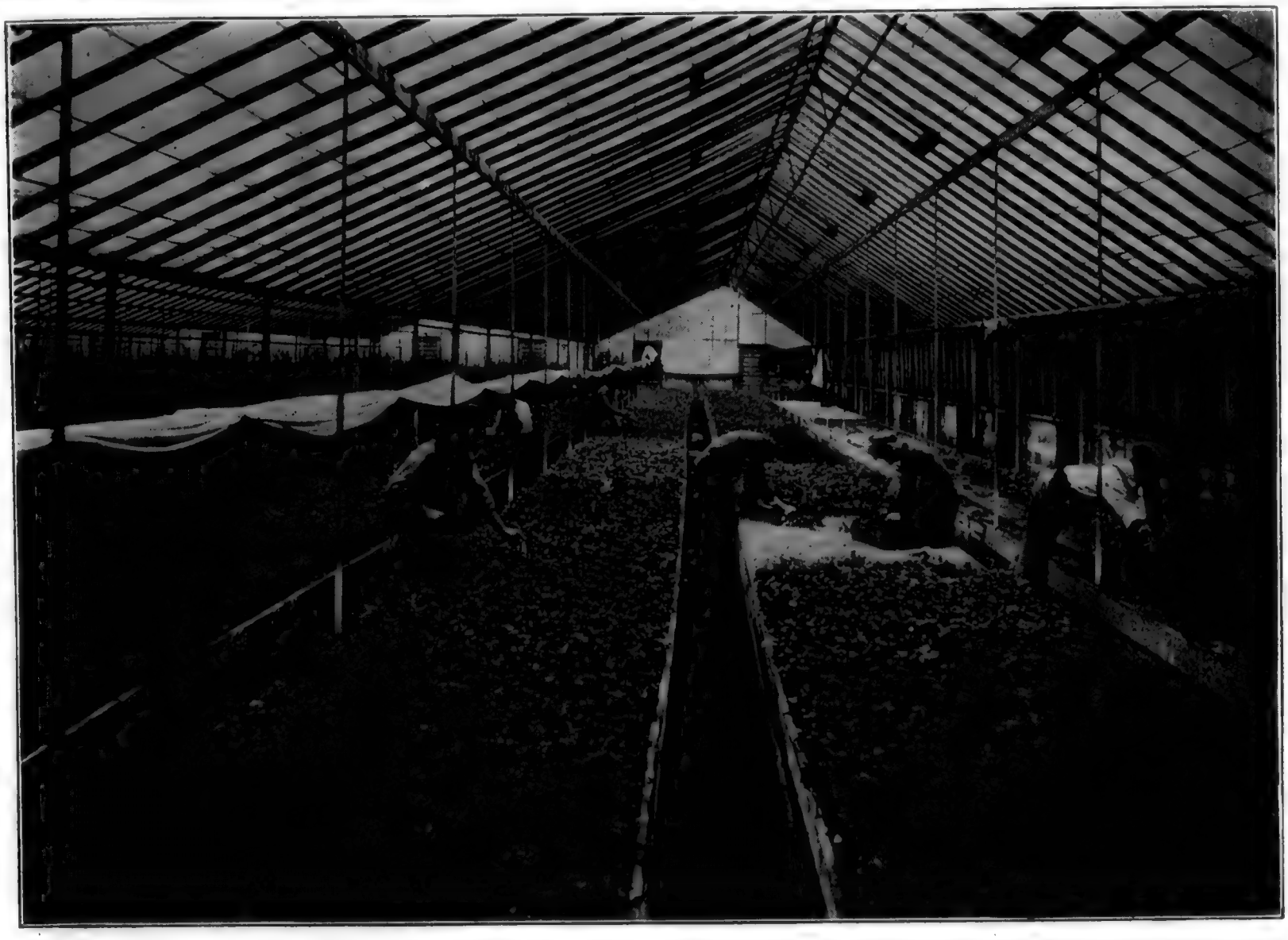
WHITE LAWSON. An excellent white. $4.00 per 100; $30.00 per 1000.

ENCHANTRESS. $3.00 per 100; $25.00 per 1000.

MRS. M. A. PATTEN. $3.00 per 100; $25.00 per 1000.

MRS. THOS. W. LAWSON. $3.00 per 100; $20.00 per 1000.

F. R. PIERSON CO., TARRYTOWN-ON-HUDSON, NEW YORK.



We are not only the largest growers of Cut Flowers in the United States (1,500,000 feet of modern glass devoted to Roses and Carnations) but we are the largest producers of young stock for the trade.

...Rooted Cuttings...

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
Nelson Fisher (cerise)	2.00	17.50
LIGHT PINK		
Enchantress	2.00	17.50

VARIEGATED	Per 100	Per 1000
Mrs. Patten	$2.00	$17.50
WHITE		
Boston Market	1.25	10.00
Lady Bountiful	2.00	17.50
White Lawson	3.00	25.00

RED	Per 100	Per 1000
Robt. Craig	$6.00	$50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES

STRONG and WELL ROOTED CUTTINGS

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50

	Per 100	Per 1000
Bride	$1.50	$12.50
Sunrise	3.00	25.00
Uncle John	1.50	12.50

	Per 100	Per 1000
Chatenay	$1.50	$12.50
Ivory	1.50	12.50
Perle	2.00	17.50

Bench Plants One-year-old plants from benches: Liberty, Ivory, Perle, ready now, $5.00 per 100; $40.00 per 1000. American Beauty, March delivery, $10.00 per 100; $75.00 per 1000.

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It Will Mean Dollars to You

ENDORSED BY
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HIGHEST AUTHORITIES

VISIBLE
TRADE MARK
INVISIBLE

Invisible, Inexpensive,
Indispensable,
Instantaneously Applied.

Have you ever
Figured
how much you are
losing every year?



AFTER

WE believe we are safe in estimating the loss through so-called "splits" at from 15 to 20 per cent of the entire cut. If you had a chance to save all these flowers and sell them for the highest price, would you not do it? That is just what the **BAUR CLIP and PLIER** will do for you at a minimum of time and expense. Made of galvanized wire and but a small portion appearing on the outside of the calyx, the clips are practically **invisible.** They make a perfect job and are **instantly adjusted** with our pliers, an instrument **worth its weight in gold,** finely finished and thoroughly nickel-plated. Every tool guaranteed. **Will pay for itself in a few days.**

PLIER, $3.00. 1000 CLIPS, $1.00.
POSTAGE PREPAID.

Send for it today. Cash with order. Orders filled in strict rotation. Your money back if you are not fully satisfied. Full directions with every outfit. Ready about February 10.

PATENT APPLIED FOR

BAUR FLORAL CO., 18 West 10th St. ERIE, PA.

IMPERIAL AND PINK IMPERIAL CARNATIONS

YOU CANNOT AFFORD TO BE WITHOUT THESE TWO EXCELLENT VARIETIES

Price $12.00 per 100; $100.00 per 1000. 250 at 1000 rate

A discount allowed when cash accompanies the order

A. J. GUTTMAN
The Wholesale Florist of New York
43 WEST 28th STREET

JOHN E. HAINES
BETHLEHEM, PA.

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Place your orders early for Rooted Cuttings

Price $6.00 per 100; $50.00 per 1000

DISCOUNT FOR CASH WITH ORDER

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The Wholesole Florist of New York
43 WEST 28th STREET

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LYNBROOK, N. Y.

ALEXANDER J. GUTTMAN

THE WHOLESALE FLORIST OF NEW YORK

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Address stating full particulars of articles wanted.

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The Leading Florists' Supply House and Ribbon Specialists. Importers and Manufacturers.

Mention The Review when you write.

SPIRÆAS

Spiræa Japonica

Extra fine clumps.....$4 00 per 100

Spiraea Compacta Multiflora

Extra fine clumps.....$5.00 per 100

Spiraea Astilboides Floribunda

Extra fine clumps.....$5.50 per 100

Spiræa Gladstone

Extra fine clumps.....$8.00 per 100

F. W. O. SCHMITZ

Prince Bay, N. Y.

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You want the ribbons on your flowers to add to the beauty and effect.

DO THEY? Pine Tree Ribbons do,

for they are manufactured with that especial end. In the skein, the raw silk is dyed to match or blend with the prominent flowers and foliage. Then when woven, attention is given that they shall be smooth, even, and firm to the touch. In finishing, care is taken that they shall be lustrous, brilliant.

Send us a sample order. Compare **PINE TREE RIBBONS** with the ribbons you now use. The prices should be less, or the quality superior. Either way, if they are not satisfactory, return them.

The Pine Tree Silk Mills Company

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Satin Ribbons, Taffeta Ribbons, Messaline Ribbons, Fancy Ribbons, low, medium, and high quality. All widths. Send for sample clippings. They cost you nothing.

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Manufactured by

W. J. COWEE, BERLIN, N. Y.

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For sale by dealers.

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Most Complete Horticultural Establishment in America.

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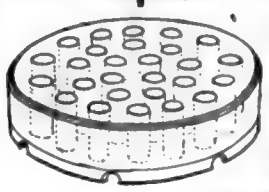
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Write for supplement to catalogue F, it will interest you.

The "Japana" Cut Flower Holder



A handy article for florists. Sells to the trade on sight. Made of glass in three sizes. The **"Anglais" Table Decoration**, something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating. Ask for catalog.

M. V. Garnsey Dept. A. LA GRANGE, ILL.

Mention The Review when you write.

For the month January we allow on Wire Frames 25 per cent discount; Wax Designs, 15 per cent.

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FLORISTS' SUPPLY HOUSE

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125 N. 10th Street, PHILADELPHIA

SEEDS, BULBS, ETC.

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47 Barclay Street NEW YORK

The TORONTO CONVENTION

The American Carnation Society Holds Its Sixteenth Annual Meeting and Exhibition.

President, Fred H. Lemon, Richmond, Ind.
Vice-president, Peter Bisset, Washington, D. C.
Secretary, Albert M. Herr, Lancaster, Pa.
Treasurer, Fred E. Dorner, Lafayette, Ind.

NEXT MEETING PLACE, WASHINGTON, D. C., JANUARY, 1908.

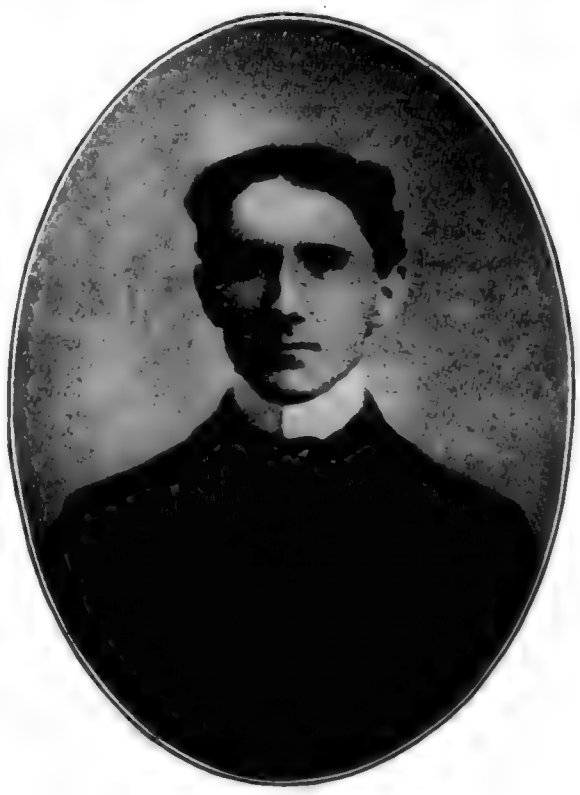
The American marines who landed on British soil at Kingston were repulsed by a volley of vehement rhetoric, but the invasion of Canada by the American Carnation Society has been consummated with an exchange of compliments which has added to our long cherished hope that some day there may be no boundary line between us.

It is the first time the Carnation Society has crossed the border, although many of its stanchest members are Canadian carnation growers. Toronto is one of the pleasantest cities on the American continent, and her florists are among the most hospitable men on earth. They were able to make arrangements which erased the line usually drawn by the customs authorities, and the shipments of carnations for exhibition, bearing the official tag of the American Carnation Society, were passed as though no such thing as tariff red tape ever existed. All the Toronto craftsmen had put their shoulders to the wheel, under the leadership of President Dunlop, and with united effort had perfected arrangements which left nothing to be desired in the way of conveniences for staging an excellent exhibition, or for the purposes of the meetings of the society.

It is probable that the severe cold wave which swept over the country two days before the hour of starting for the convention had something to do with cutting down the attendance, which was, nevertheless, close to 300 on Wednesday afternoon and fully as large as at recent meetings of the society, showing that the local people had turned out in full force, for there are not so many growers in the environs of Toronto as in the territory adjacent to Boston and Chicago. All the wheel horses of the society were present, except William Scott, Peter Fisher and John Birnie, who were ill. Far away Denver had three, Boston and New York sent good delegations and Chicago was better represented than at the Boston meeting last year.

It was 8 degrees below zero at Toronto on Wednesday and all trains were delayed, the Boston party being five hours behind schedule. The result was that many shipments arrived too late for competition, in spite of the hour's grace given by virtue of the official announcement, a fortnight ago, that exhibitors could have until 2 p. m. for staging. Nearly all stock traveled well and good packing caused everything to come through without loss by frost.

It was noted that the varieties shown were again practically all new sorts. In recent years the exhibitions of the Carnation Society have no longer been contests of different growers to see who could produce the best blooms of standard varieties, but have become displays of far more interesting and important character, namely, exhibitions of the best blooms of the varieties shortly to occupy space on the growers' benches by the displacement of inferior sorts. The raising of carnation seedlings has become the pastime of hundreds of small growers. Dozens of these seedlings were shown in small quantities, not for competition but for comparison with the splendid sorts which are being sent out this year. Some fine things are among them. So far has the development of the carnation progressed that it takes a genuinely good thing to stand up before the critical inspection accorded exhibits at the annual meeting of the American Carnation Society.



Fred H. Lemon.

(President-elect American Carnation Society.)

The exhibition possibly was not quite so large as that at Boston last year and at Chicago the year before, but it nevertheless was a large and interesting show. The quality was good throughout, although not so fine as it would have been had not the whole country suffered for weeks under the debilitating influence of warm, damp atmosphere and sunless skies.

The management of the exhibition was in the hands of George H. Mills, who handled his task to the satisfaction of all. The exhibition hall, the assembly room in the city building, was excellently adapted to the purpose, stock keeping well. The business meetings were excellently housed under the same roof.

President John H. Dunlop proved to be one of the most capable presiding officers the society ever has had and the business meetings were conducted after a fashion to set a pace for his successors.

First Business Session.

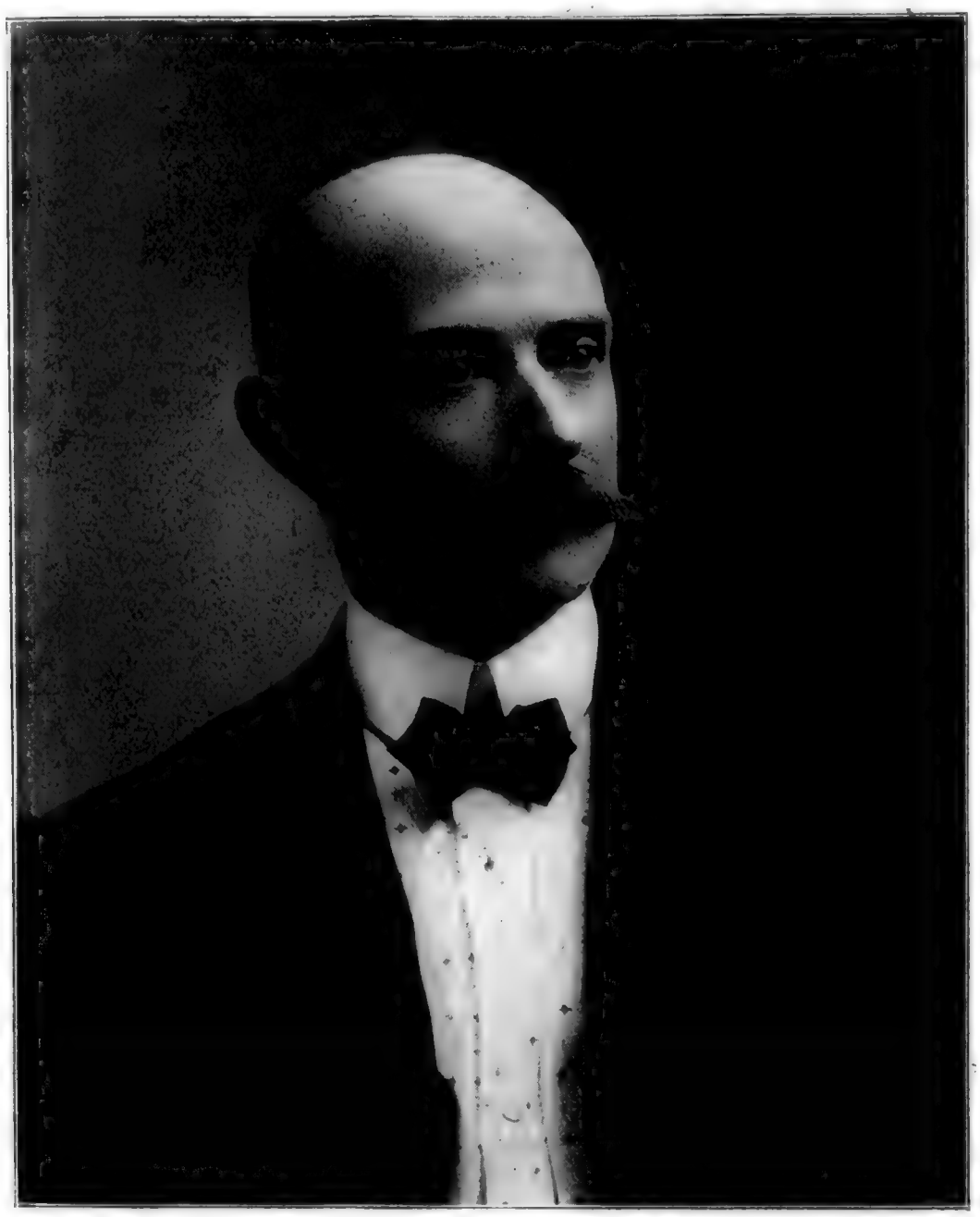
It was not until Wednesday evening that the society got down to business, with a crowded house, the exhibition hall also being well filled at the time by Toronto's best people, whose interest proved the oft-repeated assertion that a visit of the Carnation Society gives the sale of the carnation a tremendous impetus in the favored city.

The society was eloquently welcomed by Lieutenant Governor Clarke, whose address was full of sentiment and brotherly feeling. The mayor, a cousin of L. Coatsworth, of Chicago, was unavoidably absent, but the second of Chairman Graham, of the Civic Committee, was as warm as even the mayor could have made it. Responses were made by C. W. Ward, of Queens, and F. H. Lemon, of Richmond. Mr. Ward paid tribute to Canada's vastness, her resources, her future, and what it means to those engaged in floriculture. He said the spirit of progress as exemplified in President Dunlop and the other Toronto florists indicates the manifest destiny of the Dominion. Mr. Lemon spoke of the gratitude of the society for the warmth of hospitality extended and of the community of interests between Canada and the United States as between all carnation growers. He also said a word for the absent members, many of whom were detained by illness.

President John H. Dunlop then read his annual address, introducing it with a few words of welcome on his own account and for the Canadian florists. The members were invited to visit all local growers. The address was as follows:

President's Address.

It is with more than ordinary pleasure I welcome you to this, the sixteenth annual convention of this progressive and important organization. At our last convention, at Boston, words of welcome were extended by his worship the mayor, by the secretary of the Massachusetts Horticultural Society (in the absence of its president), the president of the Gardeners' and Florists' Club, and replied to by members of this society; men who have by their untiring zeal endeared



John H. Dunlop, President American Carnation Society.

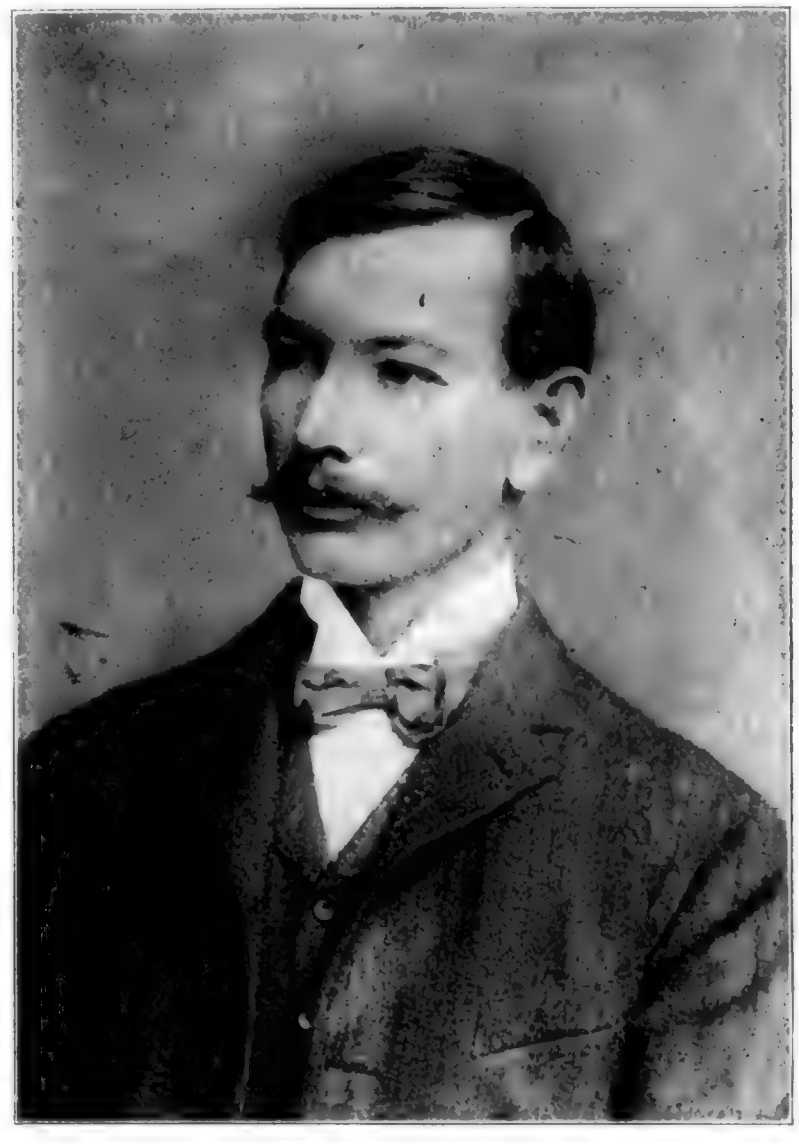
themselves to us and who have by perseverance and industry advanced to that high plane which few of us hope to attain. I referred to the Boston welcome on account of the historical connection and the traditional history of that good old commonwealth. But you are welcomed tonight to one of the newer or more modern cities; one that is only beginning to feel the impulse of commercial activity and has not that traditional history of which our last convention city could boast, but none the less hearty and loyal. Toronto welcomes you with the true British hospitality that is ever found where the Anglo-Saxon tongue is spoken. Let me here express this wish: May the ties that bind the two greatest English-speaking nations, of which Canada is a part and I may say the brightest gem in the British crown, never be severed but be welded more closely together in the bonds of love, esteem, friendship and commercial union.

We feel highly honored in having you with us on this the first time that the society has met outside of the United States; more especially so as the membership from the Dominion has been very small. It was not the numerical strength of the Canadian members that brought the convention to Toronto, but the good feeling, the magnanimous spirit and the desire to assist in showing the people of this country the progress and improvement that has taken place in the development of the divine flower.

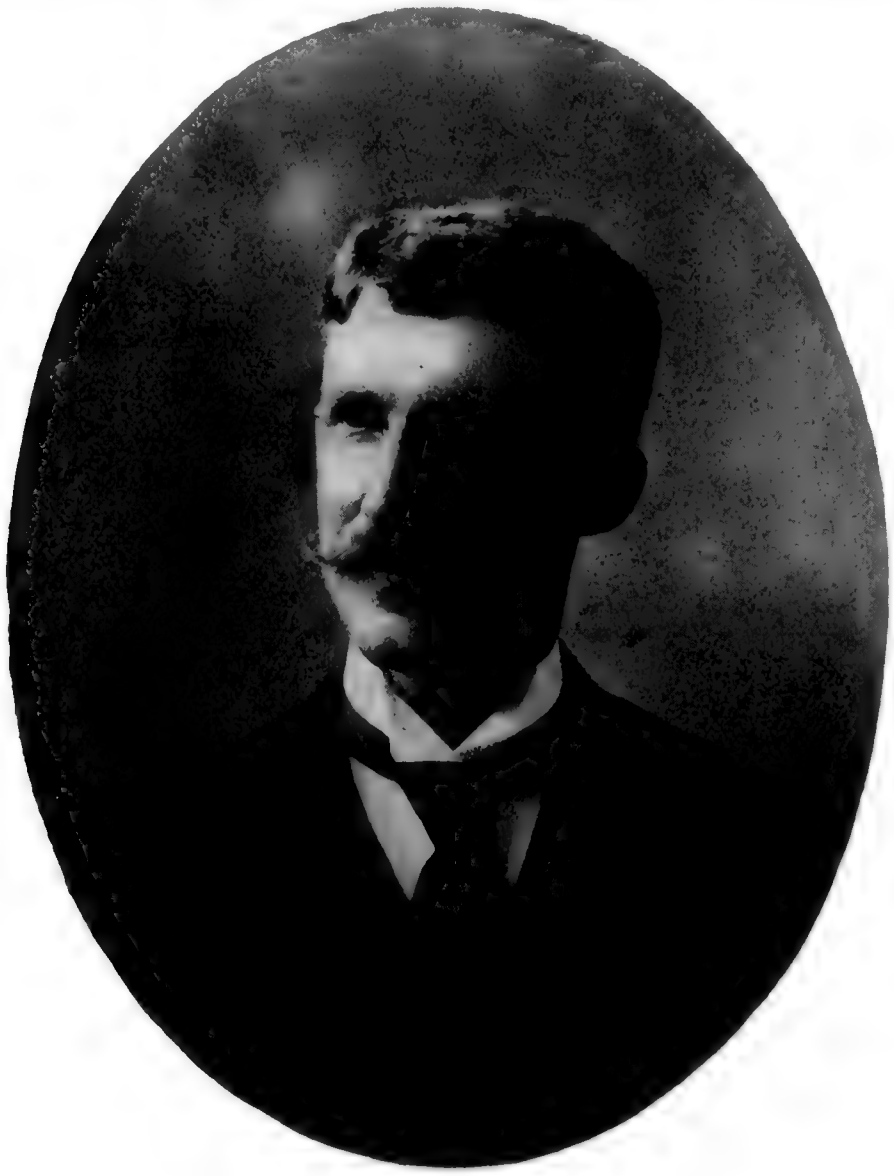
It is of the greatest importance that the educational feature of such an exhibition of carnations as we have in the exhibition hall should be taken advantage of, not only by those who are growing them, but also by the public, who are our best critics, for it is they who are our support and to them we look for approval of our product. Certainly, if the public do not patronize our wares, no matter how much we cherish any particular variety, it is valueless. It is them we have to please and they whom we should encourage to see the flowers in all stages of development at our greenhouses, and to express their opinion on what we are producing, criticising as it were, thus becoming familiar with the varieties by name, color, etc., and the public like to be consulted and have a knowledge of the different varieties.

We have long looked forward to this time, when we could present such a magnificent show and bring to our city the men who have been instrumental in producing such grand flowers; men who are revered by every lover of the divine flower and whose names will ever be remembered as those who, by their love and devotion to their chosen calling, have given to the world the best that has ever been.

There are not many things that I can speak of in this address that would be considered new, as we on this side feel ourselves students and desire to be taught. But there is one matter of particular importance to all, and I hope that we can find a solution, or formulate a plan by which we can put it in operation in an intelligent and practical way. It is: What should qualify a new variety for the American Carnation Society's certificate of merit? What has been said and done at previous conventions along this line has hardly been satisfactory, or has been found to be defective in some particular. At our last convention at Boston a committee was



Peter Bisset, Vice-president Elect American Carnation Society.



Edward Dale.
(President Toronto Gardeners' and Florists' Association.)

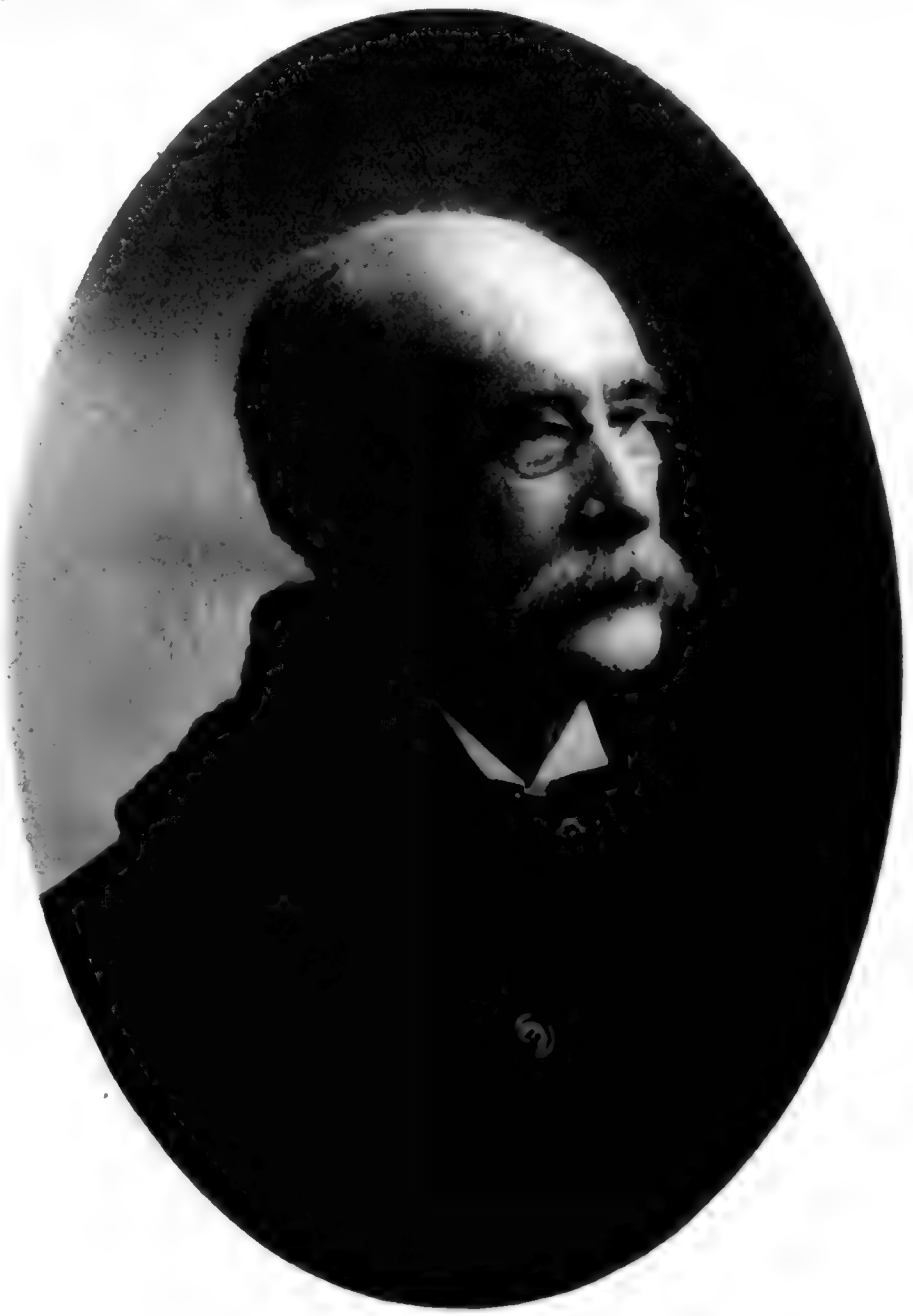
Another matter that should receive our attention is the increasing work of the secretary. With the growth of the society his work has increased in a much greater ratio. During the short time I have held office as your president I know the amount of correspondence must be considerable, as from my end he has had reason to know we were working. The compiling of the premium list, soliciting advertisements, etc., the compiling of the annual report and the preparatory work for each convention is considerable. It might be well for this meeting to consider the question and suggest some means of lightening the work, either by granting an assistant for a stated time each year, or the purchase of labor-saving appliances and not to exceed a certain sum to be named by the society. Above all, let us recognize our secretary's ability and make him feel by our words and actions that we appreciate his services. Nothing makes one feel more energetic than to know he has your sympathy and support.

This convention will have served its purpose if it stimulates a still greater interest in the divine flower in our broad Dominion. We have not been as quick to recognize the importance of the carnation as our American brethren and for that reason the development has not been as great as we would desire, and we hope that in visiting the greenhouses of this section where carnations are grown that you will criticise our work and not be slow to point out our mistakes. We note with interest the popularity of the carnation in England, also that the American varieties are being

named to bring in a report, but it was received at the last afternoon session and too late to receive that attention a question of so much importance deserves. It should be considered both from the originator's and the buyer's standpoint; both should be considered. The man who devotes his time and brains to the hybridizing of carnations should receive every encouragement from the society; also the grower who buys the new varieties largely from the description of the originator and from the awards that have been made, both from this society and the various exhibitions at which the variety was shown.

It may have scored high, as seen at the various exhibitions, but there may be some of the most essential points of a first-class commercial variety lacking. The question is, how are we to arrive at a solution? How are we to ascertain if the variety contains the points that go to make up a profitable variety for the average commercial grower? These should be carefully considered, and when the certificate is awarded it should be a guaranty that these points have been ascertained and proven. The more closely we guard our awards, the more closely we scrutinize these points, so much more will the trade generally rely confidently on the endorsement of this society and it should enhance the value of any variety having the endorsement of this society.

But let us guard jealously the awarding of this certificate, and let it be all that the name implies. We know how closely every award is made; how closely every point is scrutinized in the old land and as a result the award is accordingly prized by the recipient, for he knows his product has been deserving or it would not be awarded.



George Vair.
(Prominent Horticulturist, active in the Toronto Electoral District Society.)

largely grown, and from the comments in the horticultural press the varieties are giving general satisfaction.

Trusting that your stay with us may be both pleasant and profitable, and thanking you for the honor conferred on me by electing me your president, before concluding I wish to thank the gentlemen composing the different committees who have worked so harmoniously and zealously in completing the arrangements for this convention.

The report of Secretary Herr was presented, and adopted, as follows:

Secretary's Report.

Your secretary reports having issued the usual printed matter during the year and mailing the same as issued.

There were two deaths reported to the secretary during the year, those of Lewis Ullrich, of Tiffin, O., and J. L. Dillon, Bloomsburg, Pa., the first that have been reported during my term of office. Mr. Valentine, of Denver, several years ago made some remark about a suitable offering being sent in such cases. There was no action taken in the matter and I would suggest that an offering be adopted as representative of this society, and upon similar conditions arising again, the secretary be empowered to wire a florist in the city of the deceased, to send such offering with the society card.

Like most human beings, your secretary is subject to errors, lapse of memory and the losing of important documents, perhaps more so than the most of them. The last year three of these errors happened to get into our premium list. First, the substitution of the name of Eugene Dailledouze for that of Wm. Scott, as judge; second, the use of the name of O. R. King Co., Ltd., instead of the King Construction Co., in the award of a special; and last but not least, the loss of copy for a half page ad. and a $10 special, and the non-appearance of either in the premium list. When my attention was called to this, I offered to have adv. and premium both printed on a postal card and send it out to every member, at my own expense, but this offer was not accepted.

The advertisements in the premium list amount to $231.50. These advertisers are worthy of your patronage. This is the only means whereby we can secure the revenue necessary for the expense of this society, expenses that are increasing faster than the membership. To secure these advertisements your secretary wrote almost 300 personal letters, in addition to the printed notices sent all members, and the showing does not measure up with the amount of time and labor expended.

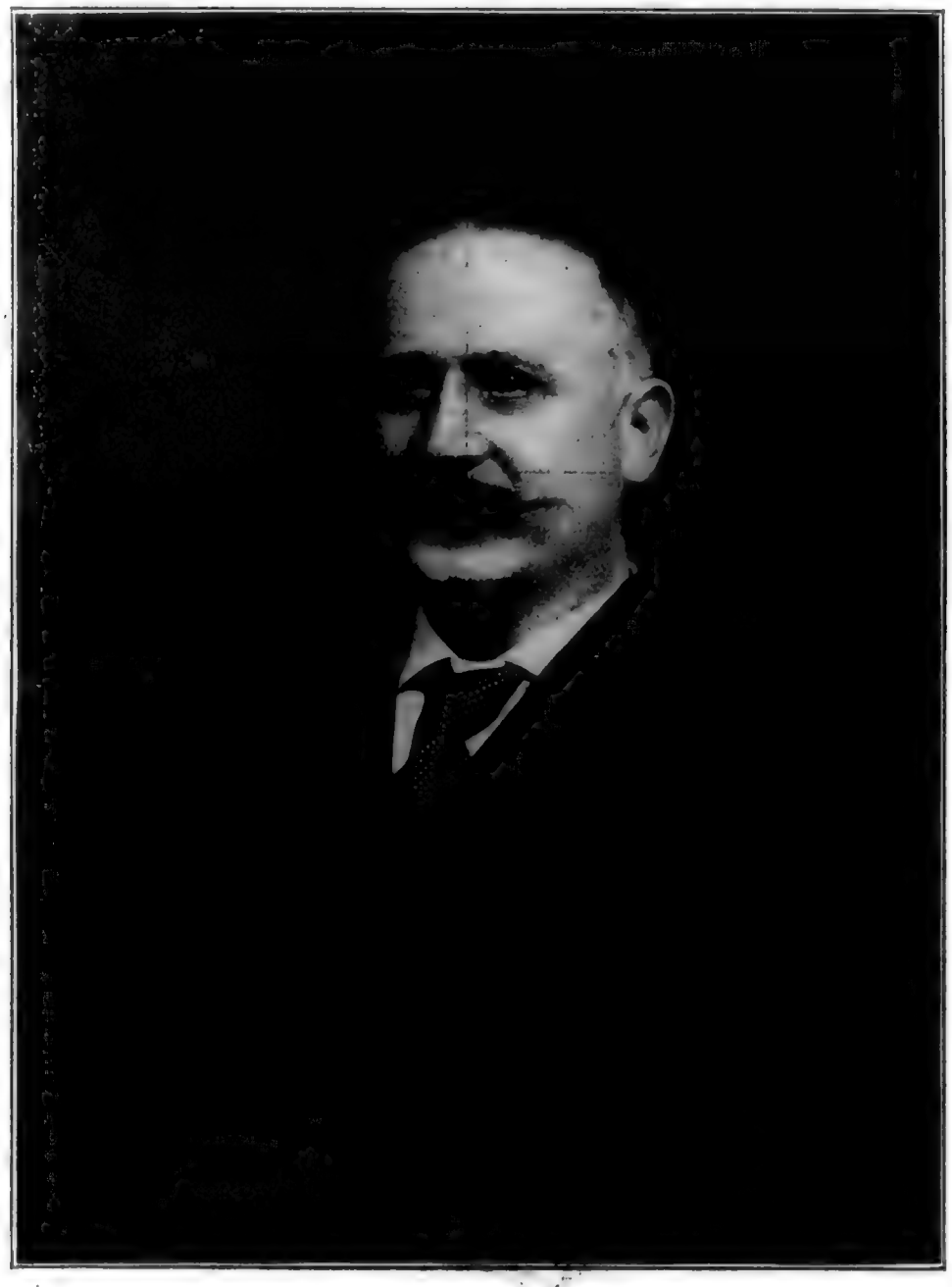
Every member of this society who has anything to advertise should use this premium list; it is not money thrown away and is the only contribution the society asks, aside from your annual dues of $2.

Your president, Mr. Dunlop, has given the secretary much valuable assistance during the year and has certainly well earned the honor attached to his office.

The report of Treasurer Dorner was presented, and adopted, as follows:

Treasurer's Report.

Permanent Fund.		
Amount reported Jan. 20, 1906..		$1,996.21
Cash received		29.10
		$2,025.31
Working Fund.		
Cash on hand Jan. 20, 1906...		$ 317.08
Cash received by treasurer....	$ 477.00	
Cash received by secretary....	601.42	
		1,078.42
		$1,395.50
Expenditures.		
Orders on treasurer.....		$1,005.39
Balance on hand.....		390.11
		$1,395.50



Hermann Simmers.

(Chairman Executive Committee, Toronto Horticultural Society.)

Invitations and Nominations.

In the unavoidable absence of John Birnie, of West Hoboken, N. J., his paper, "Are There Too Many New Varieties Introduced?" was read by Hermann Simmers. It appears in full on another page of this issue. Discussion was opened by W. N. Rudd, of Mount Greenwood, Ill., but was not concluded at this session, although it was given as the opinion of several speakers that the society's certificate granted to blooms on the exhibition table should not be taken as determining commercial values.

Invitations for 1908 being in order, the invitation of Washington given originally at Boston last year was renewed by Wm. Weber, of Oakland, Md., and C. W. Ward, of Queens. An invitation to Indianapolis was presented by John Bertermann, Fred Dorner and E. G. Gillett, the latter of Cincinnati.

Officers were nominated, as follows: For president, Wm. F. Gude, Washington; J. R. Freeman, Washington; Fred Lemon, Richmond, Ind. For vice-president, Peter Bisset, Washington; A. F. J. Baur, Indianapolis. For secretary, Albert M. Herr, Lancaster, Pa. For treasurer, F. E. Dorner, Lafayette, Ind. For judge, W. N. Rudd, Mount Greenwood, Ill.

The reading of the paper by Wm. Gammage and the report of the awards by the judges concluded the session Wednesday evening. Both appear in full in this issue.

The Awards.

The following were the awards in Class A, each color calling for vases of 100 blooms each:

White, Chicago Carnation Co., Joliet, Ill., first on White Perfection; Jas. D. Cockcroft, Northport, N. Y., second on Georgia.

Enchantress shade of pink, Chicago Carnation Co., first on Enchantress; Strafford Flower Farm, Overbrook, Pa., second on Enchantress.

Lawson shade of pink, Chicago Carnation Co., first on Aristocrat; John E. Haines, Bethlehem, Pa., second on Pink Imperial.

Scott shade of pink, F. R. Pierson Co., Tarrytown, N. Y., first on Winsor; John Reimels, Woodhaven, N. Y., second on Winona.

Scarlet, Cottage Gardens Co., Queens, N. Y., first on Robt. Craig; also second on Beacon. Other exhibitors were: The Chicago Carnation Co., with Red Riding Hood; Guttman & Weber, New York, with Victory; John E. Haines, with J. E. Haines, and Strafford Flower Farm, Overbrook, Pa., with Beacon. Scarlet was the best class in the show and the two first showed up fine. The other

entries were splendid stock, but lacked in stem.

Crimson, Cottage Gardens Co., first on Creole Beauty; Jas. D. Cockcroft, second on Harvard.

Any other color, John E. Haines, first on Imperial; F. R. Pierson Co., second on Helen M. Gould.

The following were the awards in Class B, each color calling for vases of fifty blooms each:

White, Chicago Carnation Co., first on White Perfection.

Enchantress shade of pink, Chicago Carnation Co., first on Enchantress; H. Dale Estate, Brampton, second, also on Enchantress. F. R. Pierson Co. also exhibited a fine vase.

The only exhibit in the class for Lawson shade of pink was not labeled.

Scarlet, Guttman & Weber, first on Victory; F. R. Pierson Co., second on Red Lawson. W. Fendley, of Brampton, Ont., exhibited Flamingo.

Crimson, Chicago Carnation Co., first on Harlowarden.

The following were the awards in Class C, each color calling for vases of twenty-five blooms each:

White, Chicago Carnation Co., first on White Perfection; Dale Estate, second on White Lawson. W. Fendley exhibited Lady Bountiful. Chas. S. Strout, Biddeford, Me., sent a fine vase of Lady Bountiful, but was too late for competition.

Lawson shade of pink, Dale Estate, first on Mrs. Lawson; W. J. Lawrence, Eglinton, Ont., second on Mrs. Lawson. W. Fendley exhibited Nelson Fisher.

Crimson, E. Crowhurst, Humber Bay, Ont., first on Harlowarden; Dale Estate, second on Governor Roosevelt. W. J. Lawrence and W. Fendley also exhibited.

Any other color, Dale Estate, first on Nelson Fisher; Dale Estate, second on Golden Beauty.

The awards in Class D, calling for 100 blooms, any variety, any color, were as follows: No gold medal was awarded as stock did not score high enough; silver medal to Cottage Gardens for Alma Ward; bronze medal to Dailledouze Bros., Flatbush, N. Y., on No. 348. Other exhibitors were H. Weber & Sons Co., of Oakland, Md., with Toreador; a good variegated; Cottage Gardens Co., with Elsa Struss, good dark pink; Cottage Gardens Co., with Mrs. Ward; F. R. Pierson Co., with Winsor; Dale Estate, with Excelsior; Dailledouze Bros., with White Perfection; John E. Haines, with Red Riding Hood, Imperial and Pink Imperial; Chicago Carnation Co., with Aristocrat and Welcome. This was the best competition in the show and needed close judging for the silver medal. Alma Ward was the most generally admired vase in the show.

S. A. F. medals for vases of fifty flowers, any American variety, not yet disseminated, were awarded as follows: Silver medal to Cottage Gardens Co., for Alma Ward. Bronze medal to Bassett & Washburn, for No. 20. There was splendid competition in this class, the following varieties being staged in fine shape: Mrs. Ward, by the Cottage Gardens; The Marchioness, by L. E. Marquisee, Syracuse; Elsa Struss, by the Cottage Gardens; No. 23, by Bassett & Washburn; Chrystal, by the Wa-no-ka Greenhouses, Barneveld, N. Y.; Pink Imperial, by J. E. Haines; No. 303, by Dailledouze Bros.

The special prize for largest and best display was won by F. R. Pierson Co., who staged over 5,000 blooms. A special display of Winsor was awarded a certificate.

The cup of the Canadian Horticultural Association for six vases of fifty blooms each was won by F. R. Pierson Co.

The Steele-Briggs cup for six vases of twenty-five was won by W. J. Lawrence.

The King Construction Co. cup for growers using King greenhouses was won by W. J. Lawrence on Lawson.

The Dale Estate cup for 100 blooms any variety to be disseminated in 1907 was won by the Cottage Gardens Co., on Beacon.

The John H. Dunlop special for fifty blooms white was won by the Cottage Gardens Co. on No. 2653.

The Wm. Gammage special for a pink never before exhibited, lighter than Lawson but darker than Enchantress, was won by Dailledouze Bros. on No. 348.

The W. J. Lawrence prize for fifty blooms, open only to growers with less than 20,000 feet of glass, was won by E. Crowhurst, on Enchantress.

The John H. Dunlop prize for private gardeners was won by Malachi Tierney, on Enchantress.

The George Vair special prize for twenty-five red went to Guttman & Weber, for Victory.

Not for Competition.

A certificate was awarded John Reimels, Woodhaven, N. Y., for No. 32, scoring 86 points.

H. Weber & Sons were awarded a certificate on Toreador, scoring eighty-six points.

A. Roper, Tewksbury, Mass., was awarded a certificate on Bay State, securing eighty-five points.

Wm. Nicholson, Framingham, Mass., arrived late with some fine blooms, including Afterglow.

M. Tierney, Highlands, N. J., was unfortunate with Mrs. Robert Hartshorne, a good red, which was damaged in transit.

John Murchie, Sharon, Pa., had a good red but the stem was weak.

Fred Burki, Gibsonia, Pa., had a fine dark pink but it was weak in stem.

J. D. Cockcroft, Northport, L. I., had a fine vase of fifty; a good flower and stem resembling Lawson.

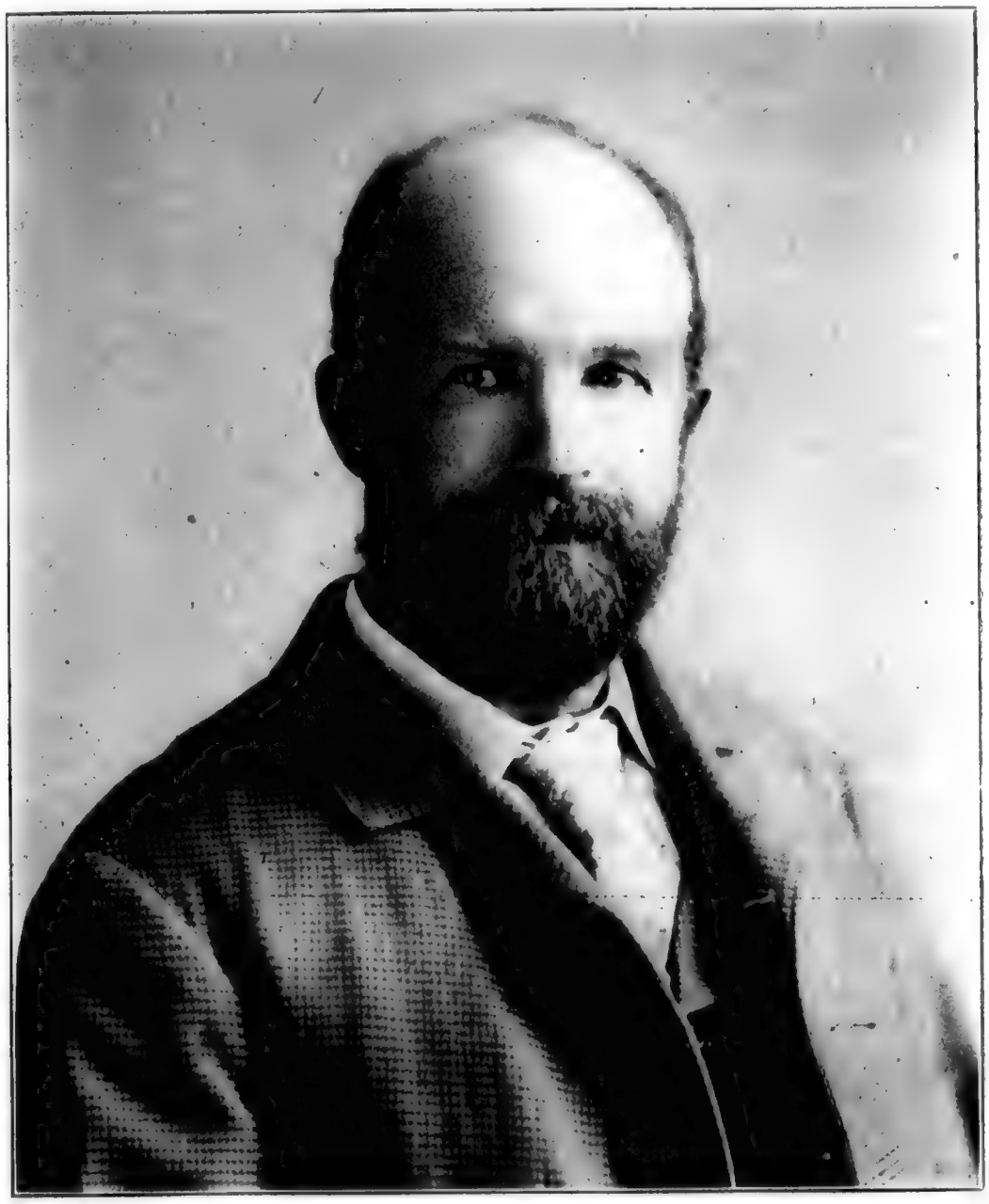
W. J. Palmer & Son, Lancaster, N. Y., exhibited Red Lawson, a variegated sport and a pink sport, all good commercial stock.

H. Weber & Sons Co., Oakland, Md., had three seedlings, which, arriving late, could not be entered for competition. They were Mabelle, Toreador and No. 24-02.

Baur & Smith, Indianapolis, had two promising varieties, May and St. Nicholas, which arrived late.

E. A. Stroud, of the Strafford Flower Farm, Overbrook, Pa., was another of the late arrivals. His varieties were Robert Craig, Mrs. M. A. Patten and Victory, all fine flowers.

R. Witterstaetter, Cincinnati, was on hand with a batch of fine seedlings of Aristocrat.



Thomas Manton.

(Ex-president of the Canadian Horticultural Association and Chairman of the Executive Committee of the Toronto Gardeners' and Florists' Association.)

F. Dorner & Sons Co., Lafayette, Ind., had a number of seedlings, notable among which were No. 97-03, yellow; 5-03, crimson; 14-04, red.

P. R. Quinlan, Syracuse, exhibited a number of commercial varieties, all well grown.

Trade Exhibits.

The E. G. Hill Co., Richmond, Ind., staged a vase of its new rose, Rhea Reid, which was fine and attracted much attention.

Wm. Fendley, Brampton, exhibited some good Princess of Wales violets.

The Bedford Floral Co. staged an especially fine vase of Richmond roses.

J. A. Peterson, Cincinnati, had a fine exhibit of begonias and Farleyense for which he is so well known. Two new begonias also were shown.

W. P. Craig, of Philadelphia, staged some splendid plants of the new fern, Nephrolepis Amerpohlii.

H. H. Barrows & Son, Whitman, Mass., exhibited some well grown specimen plants of Nephrolepis Whitmani.

Grover Bros., of Buffalo, made an exhibit of their ever-ready pot covers made of waterproof crepe paper.

Thursday's Sessions.

The reading of essays occupied a large part of Thursday's sessions. All save that of R. O. King appear in this issue.

The most important work of the meeting followed the reading of the report of the committee on nomenclature, which was as follows:

Nomenclature Committee Report.

Your committee reports the registration of the following carnations during the past year:

Stevenson Bros., Govanstown, Md., Splendor.

James D. Cockcroft, Northport, N. Y., Harvard, Georgia and Faust.

Baur & Smith, Indianapolis, Ind., Pocahontas.

F. Dorner & Sons Co., Lafayette, Ind., Red Chief, Winona and Bonnie Maid.

J. D. Thompson Carnation Co., Joliet, Ill., registered Lucile.

H. Weber & Sons Co., Oakland, Md., Toreador.

Chicago Carnation Co., Joliet, Ill., Red Riding Hood.

Dailledouze Bros., Flatbush, N. Y., Welcome. The registration of Welcome is provisional and subject to the approval or disapproval of this society, it being a pink sport of Mrs. T. W. Lawson and will be on exhibition at the meeting.

Malachi Tierney, Highlands, N. J., Mrs. Robert Hartshorne.

Registration is getting to be quite a bit of work. One of the above registrations was effected after an interchange of eight letters, several of the others requiring three and four, owing to the fact that the list of names that have been used is cumbersomely large, and, also, to the fact that some introducers of new varieties do not take the trouble or do not care to go to the expense of registration.

From the amount of space given by our trade papers to this matter of registration, there is no excuse for any originator not to know that when he names a carnation, the proper thing to do is to have that name registered with the society at once, the cost being but $1 per name, and it is not necessary even to be a member of the society to have a variety registered.

We, therefore, again recommend that no variety under name be allowed to compete in the exhibitions of this society unless said name has been properly registered, either with this society or the S. A. F., and that this rule be in force for our next exhibition, with the privilege of registration the first morning of the exhibition for those who may have previously neglected it or do not know of this rule.

We would also recommend that all names registered previous to 1896 be eliminated from the working list of this committee.

The report was signed by Albert M. Herr, A. Herrington and Eugene Dailledouze.

There was much discussion on allowing the name, Welcome, to stand for a flesh-colored Lawson. The name was adopted by a vote of the society. The by-law requiring that a committee judge new varieties growing before they receive the society's certificate was revoked.

The committee on colors, W. N. Rudd, Fred Lemon and C. W. Ward, reported the following definitions: Flesh pink, those shades of a flesh and salmon type; light pink, those lighter shades verging on the true pink and lighter than Lawson; dark pink, as dark and darker than Lawson, including all so-called cerise not dark enough to be classed as red; red or carmine, all shades of red that can not be classed as scarlet or cardinal; scarlet or cardinal, all light shades now commonly known in the trade as scarlet; crimson, those shades now classed as crimson; any other color, any color distinct from the above; white, yellow and variegated to stand. The committee recommended maroon instead of crimson, but the society refused to concur.

The society adopted resolutions expressive of sympathy for Wm. Scott in his illness.

The McKinley memorial fund was voted $100.

Election.

When the hour arrived for the selection of the next place of meeting C. W. Ward made a strong plea for Washington and carried the decision over Fred Dorner's earnest opposition in behalf of Indianapolis.

The election of officers then was proceeded with and resulted as follows: President, Fred H. Lemon, Richmond, Ind.; vice-president, Peter Bisset, Washington; secretary, Albert M. Herr, Lancaster, Pa.; treasurer, Fred E. Dorner, Lafayette, Ind.

Entertainment Features.

The ladies were entertained by a drive about the city and at the theater.

The Toronto Gardeners' and Florists' Club will entertain at a banquet at King Edward's hotel this evening, Thursday.

By invitation of the florists of Brampton, the convention party will go to that city Friday morning on a special train for a look at the greenhouses there.



Carnation Sarah A. Hill at B. K. & B. Floral Co., Richmond, Ind.

Mr. Maxfield, of Maxfield & Dimond, Warren, R. I., was on hand with an exhibit of his artificial calyx, which he offers as the ounce of prevention that is better than a pound of cure, for its use prevents split calyxes.

The Baur Floral Co., Erie, Pa., showed a device for mending split carnation calyxes. It is an entirely original idea and was of much interest to the growers.

The King Construction Co., Toronto, erected a model greenhouse, embodying a number of their patent features of construction.



John Birnie.

NOT TOO MANY NEW VARIETIES.

[A paper by John Birnie, West Hoboken, N. J., read before the American Carnation Society, at the Toronto Convention.]

"Are there too many new carnations introduced?" This is the question put to me by the American Carnation Society. I think it will be quite safe to give a negative answer to the question. Beautiful as the American carnation is at the present time the summit of perfection has not yet been reached and generations yet to come will find the goal still in front of them.

The Early Trials.

There was a time, some fifteen or more years ago, that carnation growers throughout the country looked a little askance at the "new carnation," and not without good reason. We had at that time an avalanche of new carnations, many of which were found to be worthless, causing considerable loss and disappointment to those who bought them, and with those new carnations several new diseases were introduced, which created quite a commotion in carnation growing circles. Strenuous efforts were made to cure or overcome those diseases by the use of quack nostrums, but in many cases the cure was found to be worse than the disease.

It might be said here, however, that those diseases never put experienced growers to any great inconvenience; and introducers gradually becoming aware of the fact that carnations grown under proper treatment and natural conditions were immune, those diseases finally disappeared, and today are never seen in any properly handled establishment.

The Society's Certificate.

Introducing a new carnation at the present time is, however, an altogether different matter to what it was fifteen years ago, or before the advent of the American Carnation Society. This society has surrounded the legitimate introducer with such restrictions as will make it absolutely impossible for him to introduce a new carnation which has not at least good qualities enough to make it desirable in some branch of our business.

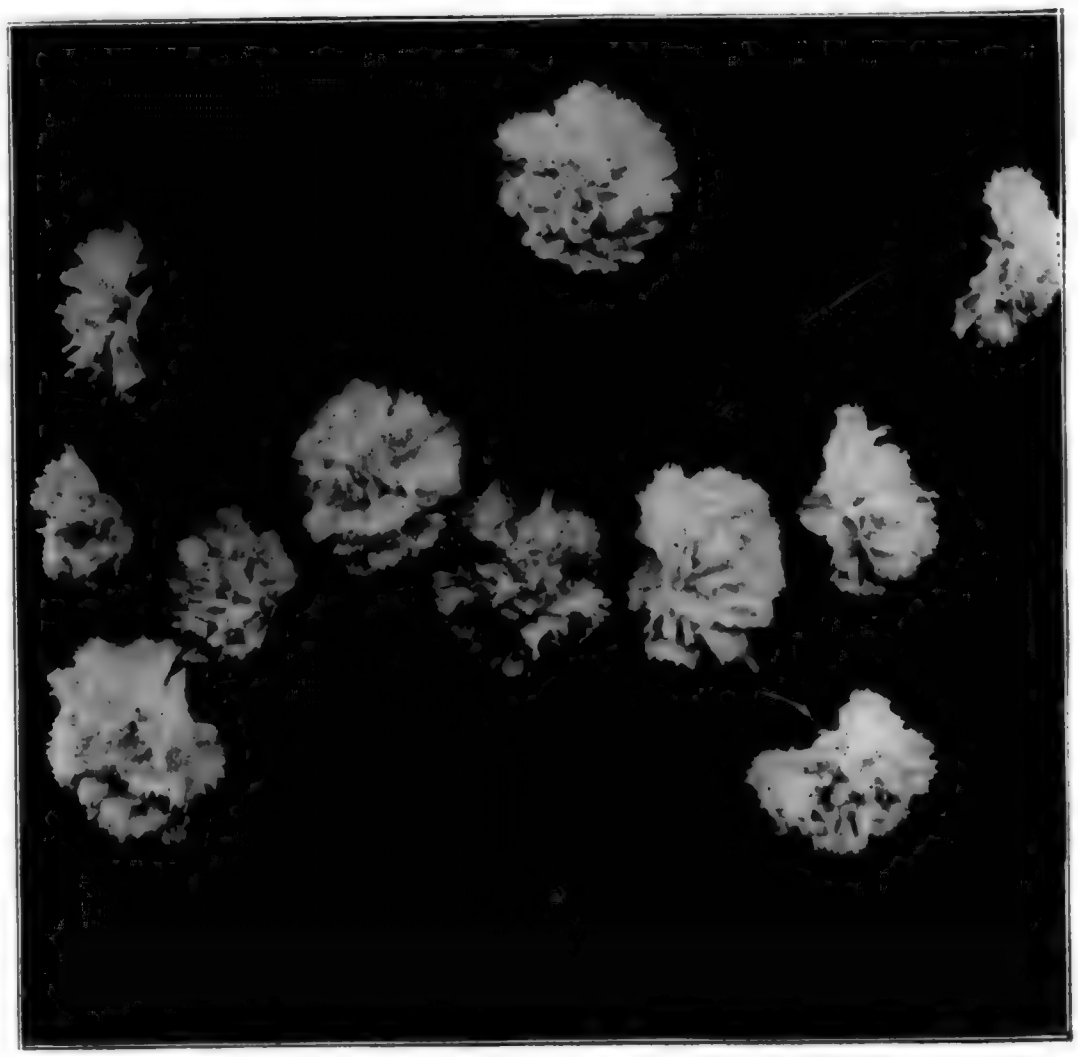
Under the resolution passed at Boston, the much coveted certificate of merit will be harder to get than ever, seeing that the carnation must score the required eighty-five points or more on the exhibition table, and also be examined at the introducer's establishment. This, I think, is a step in the right direction, and for the first time makes the certificate mean something to the intending buyer.

Hitherto the certificate of merit has only been a sort of special prize for specially selected flowers cut from plants which have been specially treated so as to produce blooms large enough to attract special attention on the exhibition table. This proves nothing, except that the varieties exhibited can, by intensive cultivation, be induced to produce large flowers. As to how many flowers can be produced per plant we are left to guess; neither have we any idea how those varieties will act under ordinary commercial treatment.

Expense of Examination.

This new departure will, if it is ever put in force, be of great help to the intending purchaser of new carnations; in fact, it appears to be altogether for his benefit and protection. Such being the case, all expenses incurred by the examining committees, however appointed, should be paid by the society, even if this necessitates an increase in the annual dues to do so. The introducers, or promoters, could hardly be expected to pay directly for what is so obviously advantageous to the buyer, and might not always be of equal advantage to themselves.

I am also of opinion that the field ought to be widened by reducing the scale a little, as I believe many carna-



Carnation Sarah A. Hill.

tions that would not score eighty-five points on the exhibition table would, when examined growing on the bench, be found to possess other good points, such as health, productiveness, habit, etc., which would make them desirable for commercial purposes, and probably prove more profitable than the larger varieties. Many of our best paying commercial carnations today would have no show on the exhibition table.

Look Behind the Scenes.

The society might with propriety go a step farther and keep a watchful eye on every new carnation, from the time it is registered until it makes its début after receiving its final certificate, and also inquire into the merits and demerits of all new carnations, whether they are introduced through the medium of the American Carnation Society or otherwise.

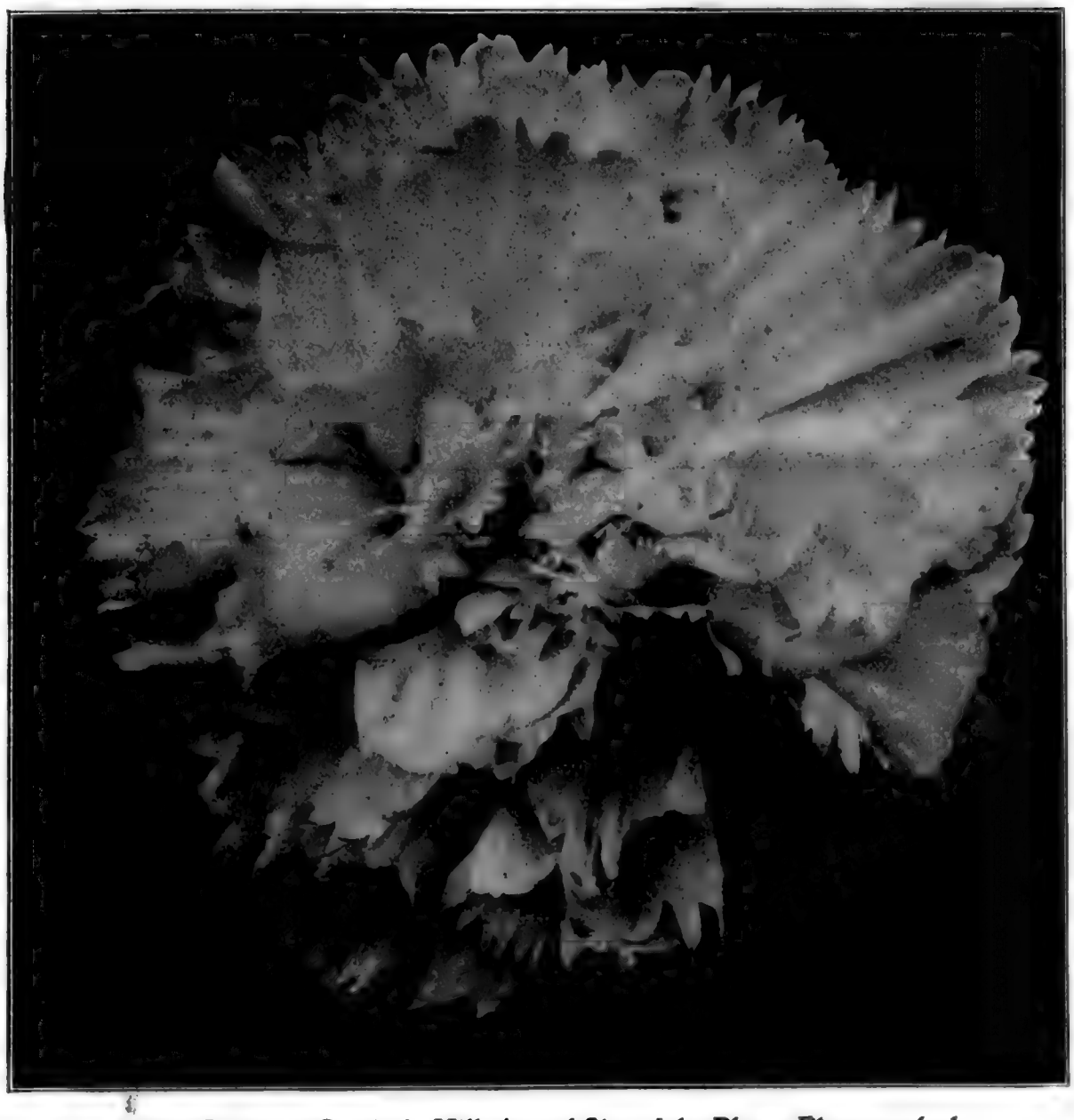
Those committees might also, with propriety, take a walk through the introducer's propagating house, just to have a look at those "selected" cuttings, and see if conditions are all right. It is said that cuttings which go in there in good condition often come out with weakened constitution and other ailments which make them of little value to those who buy them.

Only by adopting some such methods will the American Carnation Society give the purchaser of new varieties the protection he is entitled to, and at the same time make it impossible to introduce "too many new carnations."

Size Versus Fragrance.

Our present-day carnation introducers seem to be directing their efforts more to increasing the size of the flower than anything else, and their success in that direction is wonderful, but while they are struggling for size, it looks as if they were losing sight of one of the chief attributes of the carnation; namely, fragrance. The only two varieties in commerce at the present time which retain the much-admired clove scent are Flora Hill and Boston Market. A carnation with the color and size of Enchantress and the fragrance of Boston Market would be an acquisition worthy of the efforts of our introducers. Or is strong fragrance a characteristic of the white carnation as it is of the white verbena? However that may be, an effort in that direction would not be amiss. Taste demands fragrance, just as fashion demands color.

Size, however, is likely to be the main aim of the American introducer for some time to come, and the successful efforts of our British brethren in the profession to improve the carnation will furnish the incentive. We read of Malmaison carnations eight inches across, and also of some crosses between English and American varieties which the Englishmen claim are improvements on the latter. Under those circumstances the American introducer is not likely to rest on his laurels; evidently there are foemen worthy of his steel on the other side of the water.



White Carnation Sarah A. Hill, Actual Size of the Bloom Photographed.

For Pot Culture.

Hitherto our introducers have devoted their entire attention to the development of the carnation as a cut flower, but there is another phase of carnation advancement which they have altogether neglected, although they have had numerous hints regarding it, both in the trade press and from the platform. I refer to the carnation for pot culture. We need a race of dwarf carnations, of every shade of color. Colors that could not be used in the cut carnation would be very desirable in this class, and fragrance should be one of its prominent features.

A race of carnations of the kind mentioned would mark an epoch in the plant trade. They could be grown in ordinary pots for the general plant trade, or put in pans or vases for decorative or holiday purposes. They could be flowered at any time without undue forcing, and would certainly make a far more satisfactory house plant than the short-lived although pretty azalea. They could also be used for summer planting and would fill a long-felt want in that direction, as I think it is extremely improbable that a carnation which would prove to be entirely hardy in our northern latitudes will ever be produced. There won't be "too many carnations introduced" until this much-needed class receives the attention it deserves.

Encourage the Introducers.

Any effort to discourage carnation introducers in their endeavor to improve the carnation would be a mistake. Those whom we might call our professional hybridizers have hybridizing down almost to a science, and with the magnificent varieties now at their command as subjects to work on, decided improvements may be looked for in the near future, both on this and the other side of the Atlantic. The 4-inch flower may materialize at any time, but that will not satisfy the ambition of our carnation introducers. To them one step in advance only suggests another, and when the 4-inch carnation is an accomplished fact they will, with characteristic perseverance, reach out for one still larger.

CARNATIONS IN CANADA.

[A paper by William Gammage, of London, Ont., read before the American Carnation Society at the Toronto Convention.]

When I accepted your invitation to write a paper on "Carnations from a Canadian Point of View," it seemed as if it would be an easy thing to comply with your request. But when the time came for me to prepare the matter it seemed to embrace a good deal more than one would infer from a casual glance at that innocent looking heading.

Commercial Progress.

If I may subdivide it: First, I presume, "point of view" means, commercial value. Without statistics at hand, I have to rely on observation. My first observation would lead me to surmise that we Canadians have a speculative faith in the future, for, year by year, we see new additions to our ranks, new structures of the most modern architectural design, and invariably a large percentage of these new additions are devoted to carnations. Nor are these increased investments confined to new concerns alone, for all along the line you will find the older establishments building, building; not as they used to a few years ago, one or two small houses at a time, but now it is a whole block of houses, comprising many thousands of feet of glass, and these, too, are largely devoted to producing carnations for bloom alone, for as yet no one seems to



Carnation Mabelle, Grown by H. Weber & Sons Co., Oakland, Md.

have made any special effort at the rooted cutting business.

Nor are these investments confined to the older and more thickly settled portions. But away out in the west, where distance has no meaning, in that country of so much wealth and future prosperity, we find floral establishments, like mushrooms, springing up, not as in the past with us pioneers in the business, who with limited capital, had to do most of our own building, and not much of it at a time. But like everything else in that country with ample capital to back enterprise, modern establishments are springing into existence, and in these, too, the carnation holds a place of prominence.

Effect of the Convention.

The far-reaching stimulus, the effect which this meeting will have on the carnation as a commercial product, will be enjoyed directly by all growers and dealers, both large and small.

To those who have never before attended a meeting of this society the exhibition has been a revelation. It has awakened in them a new ambition; supplied food for thought and action. Educational in its scope, attractive in arrangement, effective in its object, it will have done more to popularize the carnation than any other method we could have employed. So much from this point of view.

Changes in Cultural Methods.

Not only has the style of our buildings, their construction and operation undergone changes to meet the ever-increasing demand, but our cultural methods have also kept pace with the necessities of the day. Local conditions, here as well as elsewhere, have their influence. Sections have a demand for color or quality that is not felt in others. Yet go where you will, be it the cosmopolitan city or the rural hamlet, the carnation is the popular flower with the people at large. True it is, that no special effort has been made to introduce new carnations of Canadian origin. Up to the present our growers have devoted their energies to growing for commercial bloom alone; but that we are not backward, where new varieties are concerned, you will find evidenced when you visit the leading growers. To Canadians belong the honor of first recognizing the merits of some of the leading commercial varieties which have held a place more profitable than many that have been heralded forth with glowing description and brilliant pen pictures of the fabulous returns to be made by investing in them. But, alas, how often have our expectations been realized of "getting rich quick" from these investments?

If we were to go over the list of introductions of from five to ten years ago how many would we find occupying anything like a prominent place with the trade? I venture you can count them on less than the fingers of one hand.

New varieties have come and gone; some introducers have made fame and fortune; others have lost the confidence of the trade by their too sanguine expectations from their pet introductions, or from lack of experience, or want of business morality. Be that as it may, the carnation has gained a prominent pinnacle in commercial floriculture, from which may it never lose its prestige.

From year to year new varieties will come forward. Whether better than those of the present day, time alone will tell. What is new today will be old tomorrow, and the older varieties, like the growers of today, will pass into oblivion, and in their place will rise a generation that we earnestly hope will be no discredit to their forefathers.

AMERICAN SORTS IN EUROPE.

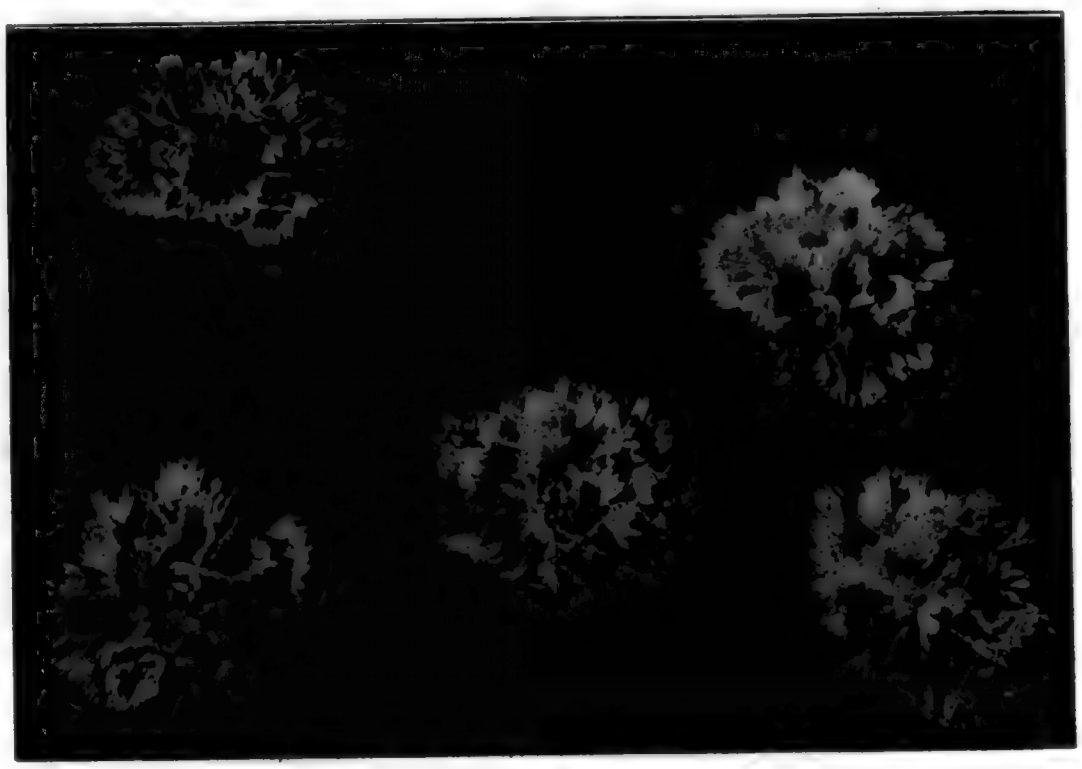
[A paper by C. Engelman, of Saffron Walden, England, read before the American Carnation Society at the Toronto Convention.]

Winter-flowering carnations already were grown for the English markets some thirty years ago. The first were French varieties, and as the demand for choice flowers increased, new kinds were raised, some of which enjoyed great popularity for a number of years and, though in size and length of stems they could not be compared with the present day carnation, in color, fragrance and productiveness, they left little to be desired.

The American Invasion.

The first carnations of American origin were introduced into England about fifteen years ago, and as I am told by one of the first importers, turned out to be rather a disappointment. Of later varieties, Daybreak was already grown in considerable quantity. However, it was not until the 30,000-dollar Lawson made its appearance that the boom began.

Even then there were but few growers who understood the cultivation of the divine flower and I am afraid Mr. Fisher would not have recognized his own child had he seen it in some of the English greenhouses. There were a few, though, that did the trick, and their produce made handsome prices in Covent Garden market. This, of course, was the best means of popularizing the flower, for the English florist is as much after the £ s. d. as his American cousin is after the dollar. There was money in growing



H. Weber & Sons Co.'s Carnation Toreador.

(Seedling of and hoped-to-be successor to Prosperity.)

carnations, and consequently it was taken up by many new firms. Every new variety that was boomed in America was eagerly imported, grown and very often thrown away the first year, as many were quite unsuitable for the English climate.

Influence of Enchantress.

Then came the glorious Enchantress and with it the germs of the new disease called the carnation fever, which attacks flower-growers and flower-lovers. The germ has not been discovered yet, but it is there right enough, I have no doubt, and it spreads fast, too, and makes the disease very catching.

I caught it a few years ago, and am not likely to get rid of it again, for it seems incurable. It is a comfort that it is a painless disease, at least as long as the market prices for the carnation blooms are good.

However this may be, there is no doubt that Enchantress has helped to popularize the American carnation more than any other six varieties taken together. If there is a new variety being introduced, the first question generally is: "Is it as good as Enchantress?" But, alas, I am sorry to say those that have come since have not been as good. But perhaps I should not say I am sorry; rather, I am glad they have not been so good, for I think it is really a blessing in disguise that nothing up to the present in other colors has come up to Enchantress, as it shows the hybridizer a goal well worth obtaining, plainly before him, and it is certainly easier to work towards something that we can clearly see before us than to try reaching an ideal that only exists in our imagination.

However, I am afraid I am getting off my track, which you will kindly excuse, for it is one of the symptoms of the carnation fever that if you start one of those who has the complaint going on this kind of subject it will take a mighty effort to stop him.

Quantities Grown in England.

The American carnation stands in England today something like this: There are, I should say, about one million plants grown for the production of cut flowers alone. Ninety per cent of these at least are cultivated in pots. Of the remainder, two-thirds are planted on raised benches and one-third on solid beds. The latter two methods are gaining in favor, and in ten years' time I should not be surprised to see the state of things reversed.

Besides these, there are a large quantity grown in private establishments, and hardly any of the up-to-date estates is now without its special carnation house.

The number of the American kinds grown in this way I should estimate at 100,000 to 200,000. Ninety-five per cent at least are grown in pots. This number is constantly increasing, and there is no doubt that the modern winter-flowering carnation is beginning a fight for supremacy with the chrysanthemum, which has hitherto been the unassailed queen of the autumn and winter. I calculate that in five years' time there will be at least three times the present quantity grown in England.

On the Continent.

The continent of Europe is a little behind England as regards the popularity of the American carnation. However, the fever germ has crossed the Channel and the North Sea and the carnation fever has caught on.

In Germany, a very limited number of growers have cultivated the American kinds for a few years, and managed to keep the names secret for a time. This game does not do for a long time in the twentieth century. There are too many trade papers about, and if there is money in a thing it will come out. This is as it should be; then, after all that is said and done, the policy of the open door is the only progressive one and beats the surrounding of places with a Chinese wall always in the end. Now that the secret is out, the German trade is all the more eager to obtain the wonders from across the Atlantic, and consequently a good trade is being done with young plants.

This is not only the case in Germany, but also in France, Belgium, Russia, Denmark and Austria; in short, all the countries on the continent of Europe are going in for the American carnations, and I don't think I am overestimating it, if I say that within five years there will be fifty times more American carnations grown than there are today.

I know of one German grower, who only about two years ago purchased some $2,500 worth of carnation stock from the south of France, and after giving the American varieties a trial this season, intends to discard all his French varieties and grow the American ones in their place.

Even beyond Europe, the fame of the divine flower has spread, for only a month or so ago I sent a fairly large consignment of young plants to Egypt, which arrived well, and I hope will do well. That they are going ahead in Australia is well known. About Asia I cannot say anything, as I have sent no further than the Crimea that way. Anyhow, in four continents out of five the American carnation is known and grown, and the rapidity with which it has found its way is nothing less than phenomenal. This may partly be due to "booming," but vastly more because of its sterling value.

Two Dangers.

All this is well and good, but two great dangers are looming ahead. One: How long will it go on before the supply is in excess of the demand? The other and greater: How soon shall we be swamped with innumerable quantities of novelties, which according to the raiser will all be better than Enchantress, but which in reality will only be useless rubbish that must disgust the straight and honest florist and damage the trade for those few new varieties that are really good?

Lack of Sun a Factor.

To discuss how the American carnation as seen in England compares with its brother in the States, or how English methods of growing are inferior or otherwise to the American, would lead too far. However, one thing I may be allowed to mention by way of apology. If some of you should ever visit one of our English carnation shows in midwinter and find the blooms inferior or perhaps poor in comparison to your perfect specimen, please remember that the chief factor in producing first-class blooms in winter is the light, and then take into consideration that December 21 the sun rises in London, or rather is supposed to rise, at 8:05 and sets at 3:51. This is according to the almanac. In reality, it does not shine at all through November, December and January; at least, not to any appreciable extent.



Carnation Imperial.

I believe that even your best growers, if they came over here and tried their hand at the game, would be rather disgusted with the result. For this reason alone, I am afraid we shall never be able to produce as good flowers as you do in midwinter, unless you send Mr. Edison along with one of the Chicago packers, who between them might manage to bottle up some of the surplus sunshine during the summer months, that we could let loose in our carnation houses when it is wanted in the winter. Until that happy time arrives, we shall have to be satisfied with what we can get in the ordinary way.

Thanking you for the honor you have given me in asking for and listening to these notes, which, I regret I am not able to read personally, I will conclude with the best wishes for the future success of the American carnation in general, and the American Carnation Society in particular.

Vivat, crescat, floreat!

AMERICAN SORTS IN DENMARK.

[A paper by Peter Riise, Copenhagen, Denmark, read before the American Carnation Society at the Toronto Convention.]

Carnations are not yet grown on a very large scale in Denmark; they are shipped in here from Italy and southern France, from November until May, and it is hard for the home growers to compete with the imported stock.

Experience With American Varieties.

We cannot get as nice carnations here in midwinter as you can in America, as the days are short and we get little sunshine. I have been growing carnations here since 1899, and have been growing nothing but the American sorts. I started with about forty plants and grow now about 7,000 plants. The first winter I had a good deal of trouble with the plants, as a good many would rot, on account of the damp and cloudy weather.

The first varieties I started with were Daybreak, Flora Hill, C. A. Danà, Wm. Scott, Triumph, Evelina and Gold Nugget, but I have now discarded them all, with the exception of Triumph and Daybreak. Flora Hill did not give blooms enough, and, besides, white varieties are not so much called for as the colored sorts. C. A. Dana was too small. Scott came too late with its second crop. It would not come till the last part of May. All of the Evelina rotted in a short time the first autumn. Gold Nugget did not give flowers enough and the most of them came imperfect, and customers will not pay more for yellow than for white or pink. All of Daybreak rotted with the exception of two or three plants and I thought of discarding it, but by careful handling I have since had very good success with it, and it has up till this day been one of my best paying varieties. It is, however, a little inclined to be weak in the stem in the winter time. My best paying variety of them all has been Triumph. It blooms early in autumn and some all through the winter. It seldom splits and it gives a good heavy crop early in the spring, but it sometimes is pretty badly affected with stem-rot.

I have since tried Ethel Crocker, Governor Roosevelt and Mrs. Lawson. Crocker splits badly in the fall and all through winter and does not give a good crop before the middle of summer, too late to pay. Roosevelt gives a good flower, a good stem, but hardly blooms enough in fall and winter to pay, and it also comes too late in the spring with the best crop to be of much account. Lawson splits badly and has rather a short stem in autumn, but in early spring it gives a heavy crop of nice flowers and a good long stem just in the right time to bring a good price.

Testing Newer Varieties.

In the spring of 1905 I bought some of the newer American varieties. I got them from England, but they are quite expensive there. They charge from 1 shilling to 2 shillings apiece. Others have tried to import them from America, but not with good success. In the most cases they were dead when they arrived.

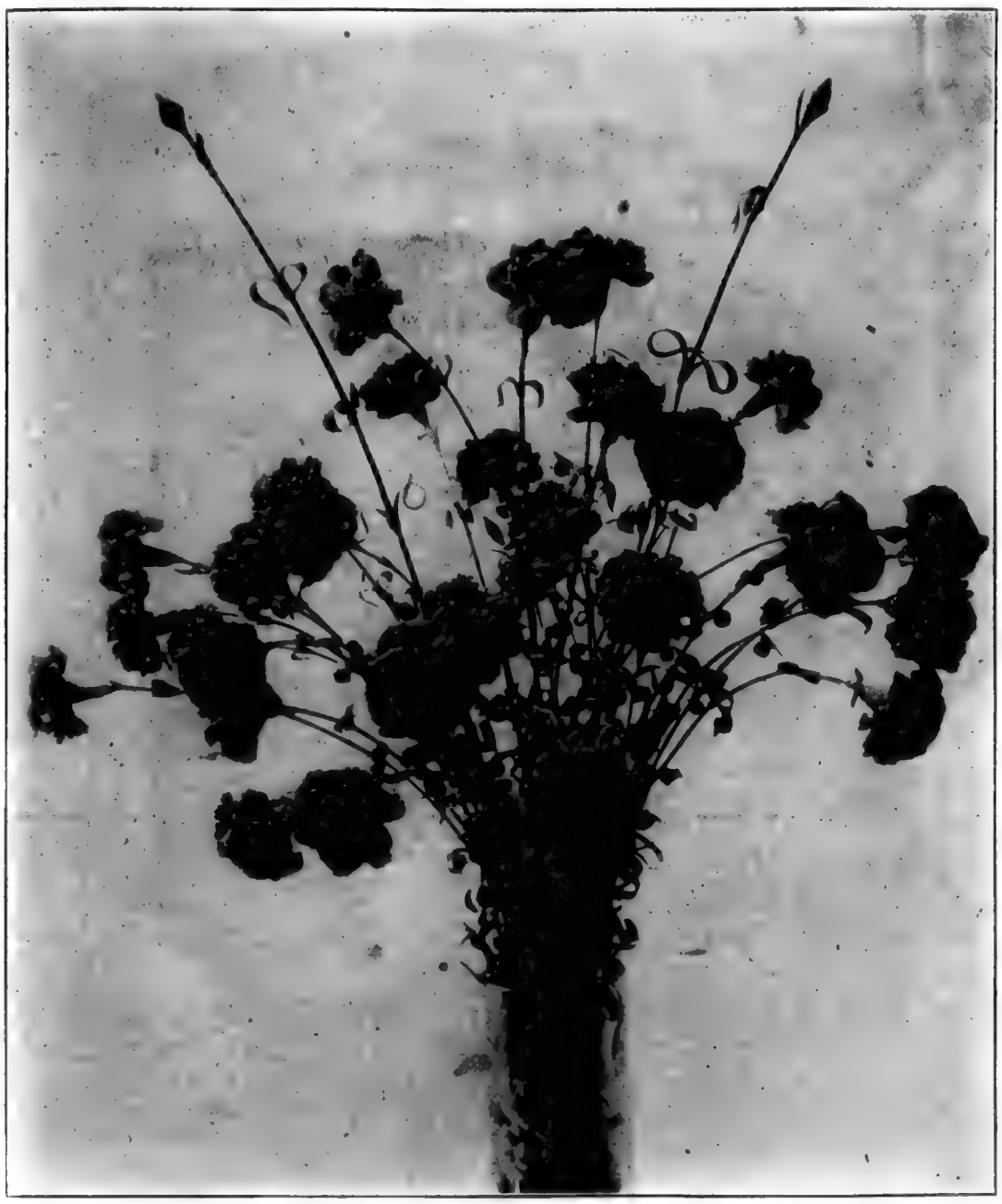
The varieties I am trying are Flamingo, Harlowarden, Harry Fenn, President, America, Enchantress, Prosperity, Floriana, Indianapolis, Nelson Fisher and White Lawson.

I have not formed any decided opinion of them yet, as I only got a dozen of each, and used them only for propagating last winter, but my opinion of each variety is as follows: Enchantress is a fine flower, with good color and stem, but will not give so many flowers as Daybreak, and was a good deal affected with stem-rot in the field. Prosperity I do not think will pay, as variegated colors do not sell so well, and it has not bloomed very much so far.

Estelle looks as thought it would be one of the best. It starts to bloom early and freely, has a good sized flower, stiff stem, not so long, but long enough for our market. It does not split and it is still full of flowers and buds. Flamingo is a fine flower, but too late. Estelle is the better paying of the two.

America is too pale in the winter. In the dark varieties Harry Fenn is to date the best. It has made the best growth in the field and the color seems to take the best. Harlowarden is too dark in winter. President made a poor growth in the field. White Lawson is a nice flower, but being white, does not pay.

Floriana is one of the colors the most called for, but has bloomed very little so far. Indianapolis, from indications, looks as though it would take the place of Triumph. It blooms early in autumn, has a stiffer and more wiry stem, stronger color and is not troubled so much with stem-rot as Triumph. Nelson Fisher, one of the best, has a fine color, is free blooming, has a good stem, does not split, has made a good growth in the field and bench and is not troubled with any kind of disease. It is hard to propagate in winter, but roots quite freely in August.



Carnation Pink Imperial.

BURLINGTON, IA.—The venerable Peter Nies is recovering from his severe illness.

SIOUX FALLS, S. D.—Thomas W. Hobart has submitted rough plans to the city for beautifying the new McKennan park.

SALEM, O.—William Munday has sold his property on McKinley avenue and will move his greenhouses outside the city limits, where he will erect extensive additions to his plant. The soot and smoke in the present location is the cause of the change.

Time of Planting.

We plant in the field about May 1 and lift again the first part of August, but we hardly get as strong growth as you do in the United States. Heretofore I have been propagating my plants in autumn and early winter; but this year I have propagated most of my plants in August, and I now have strong plants, and then I keep them quite cool through the winter, just about freezing. In that way I take the cuttings from the old plants just before throwing them out. They give good cuttings at that time, as we are not troubled much with red spider and the summer is not so hot that they will not make a good growth all through the summer, and in this way we save the plants a good deal in autumn.

In some places here they keep the young plants in a coldframe all winter, only protected with glass and shutters, and the ground will at times be frozen hard, but it is mostly the European varieties they keep in that way. However, I think it a little risky, as I saw in one place where they all died in a short time from drip and rot.

Temperature.

When I first started I kept my carnations on a night temperature of about 50 degrees. The stems would then be rather weak; nevertheless they sold well all through the winter at 60 cents per dozen. But in the last few years the importations from the south have increased to such an extent that they sell carnations here in midwinter from 25 cents to 30 cents per dozen. And these are nice, large flowers, with good, stiff stems, from fifteen to twenty inches long; in fact, they are better flowers than we can produce here with our short days.

I now keep them on about 38 to 40 degrees through December, January and February. In that way we get few flowers in midwinter, but the plants will be better and stronger in the spring and will give a good crop in April, May and June, the time when there is the biggest demand for them. On the whole, we have to look for such varieties as will give a good crop in October and November and again in the spring, and we will get a better price then than in midwinter. In fact, it is impossible for us to compete with the imported stock when it is at its best. They are at present working on a revision of the tariff, and if we should get a duty on cut flowers it would be a great help to the florists and there would be grown a great many more carnations.

A warm house is essential in this latitude. My own houses consist of about 20,000 feet of glass, one-half in carnations. The houses are 18x100 and 24x100, heated by hot water. The glass, 14x19, is of double thickness.

AMERICAN SORTS IN ENGLAND.

[A paper by A. F. Dutton, Iver, Bucks, England, read before the American Carnation Society at the Toronto Convention.]

I am pleased to give you my candid opinion as to the views of my fellow growers and the general opinion of the English public now, in regard to the carnations that have been imported from the States.

Effect of First Showing.

It is now some five years ago that they were first grown and shown to perfection and called American tree carnations, and I have the pleasure of being the first to show them in the way they are now generally shown here. My first exhibit of note was at the Temple, 1903, when they caused quite a sensation, and I may say the great start to their present popularity. They at first met with a great deal of criticism from the border carnation fancier, and I was told by one who is considered the finest raiser of this kind in our country (I may use his words): "Well, Mr. Dutton, I congratulate you on your exhibit; nothing could be more beautiful." With this remark I was quite content, and knew their day would have to come.

Now they are being grown on quite a large scale as a market flower, where before only the inferior and short-stemmed varieties were seen, such as Duchess of Fife, Urial Pike and Miss Joliffe. But, I may add, there is a great difference in the quality of carnations produced by different growers, and it is only the few who can grow to real perfection.

New Society and New Varieties.

This month a newly formed society, namely, the Winter Flowering Carnation Society, held a very successful show at the Botanic Gardens, London, in which the American varieties predominated, there being classes for thirty-six and eighteen blooms of a color, also for groups of cut blooms. The show was in every way a success, and a fine lot of blooms was staged.

I may give a few lines on the new varieties that are being raised from your imported varieties. I consider that before many seasons we shall have some very fine varieties, quite a credit to their parentage. Britannia, which is being disseminated this year, is the finest scarlet I know. It puts Robert Craig and Victory in the shade, and I firmly believe that we shall have other varieties in time, of equal merit. But it is not for me to dwell on the possibilities of the future, but the facts of the past and present.

Shipping.

In regard to shipping, this will always be a great drawback to business being transacted on a large scale, as it is far too uncertain to please the majority of growers here who receive them. I myself have received successful shipments, but these have been few and far between; for instance, one consignment turned out good; another, from the same grower, turned out the reverse, and the loss was eighty per cent. It would have been policy to have burned the entire lot on arrival, as the survivors were weak, unhealthy and infected with rust, also the spot. I often feel I should like to think I had never to ship any more, as it is always a nightmare when shipping time comes in the spring.



House of Carnation White Perfection at the Establishment of the Chicago Carnation Co., Joliet, Ill.



Bright Pink Seedling Carnation Exhibited at Toronto by W. G. Saltford, Poughkeepsie, N. Y.

(Blooms measure four inches. The variety is as yet nameless.)

Some Poor Varieties.

There is one more point, the last but not least: Many varieties that are so well spoken of and advertised in your papers as gaining different awards of merit prove very poor varieties with us. The following are a few: Fiancee, Cardinal, Ethel Ward, Candace, Indianapolis, Nelson Fisher, Abundance and Flamingo. If this continues, your European buyers will certainly decrease, as it is hardly sufficient, with the losses we sustain through shipping, to make the game worth the candle when procuring really first-rate standard varieties.

MECHANICAL WATERING.

[A paper by Louis Wittbold, Chicago, read before the American Carnation Society at the Toronto Convention.]

I have been asked by your secretary to give my views on mechanical watering, and I wish to ask, do any of us believe that the present mode of watering cannot be improved upon? If we look back at the different things that have been accomplished all along the line in greenhouse construction and heating, etc., even in watering, inasmuch as the hose has superseded the can, we certainly must admit that there is always room for still further improvement. It is only a short time ago when all watering in greenhouses was done with the watering can, and we all know with what prejudice the hose was looked upon as a factor in greenhouse work. This prejudice has gradually been overcome until today even our cousins across the water are using rubber tubes to save time and labor.

Modern Improvements.

The improvements in construction, pumping machinery, specializing of stock grown, etc., have made possible a saving of a large part of the labor of watering. Formerly a mixture of different kinds of plants were grown in one greenhouse in one grand conglomeration, and, of course, each different species of plant needed different care and special attention, and the watering pot or hose could hardly be dispensed with. But at the present time, when there are houses and ranges of houses of one kind of plant; when conditions are equal or as nearly equal as it is possible to get them, this has been changed, and a watering machine can be applied and the labor of watering, which formerly took hours, can now be done in so many minutes, with less waste of water than with the hose and with more equality in its distribution.

Proof Required.

The question will, of course, be asked, what have I to prove the above assertions? And I must admit it is a natural question, as talk is cheap, and facts are what we want in this year 1907. Gold bricks are good things for the con man and we can hardly be blamed for being skeptical about things which are not entirely clear to us and with which we are unfamiliar. But is it fair to allow prejudice to put a brake on improvement? When every minute of time saved is money in our pocket, and when a labor, which now must be attended to by the most experienced, can be mechanically arranged so that, after it has been studied out to the satisfaction of the proprietor, he can give his instructions, so that water is given in just the amounts he has by experience found best for the good of the plants.

Practical Experiments.

I have been asked to give my experience up to date, and will say that I, at first, started using a watering system, for syringing palms, by running a pipe along underneath the plants in the center of the bench, using my patent nozzles which produce a sheet of water in fan shape so that, when these nozzles are spaced along the pipe they will produce a sheet of water the full length of the pipe.

A pipe is connected with a swivel wheel so it can be turned so that, if soil only should be watered, the nozzles can be turned downward, wetting only the soil, and by turning the nozzles upward the foliage can be sprayed. In this way I was able to water or syringe my palms when required with a saving of, at least, ninety per cent of time and labor. I then used the system for watering Boston ferns, suspended overhead in the greenhouse, hanging a plant directly under each nozzle so that, by turning on the water just a little, the water will come from the nozzle in a solid stream and flow into the pot, just as much as is wanted, causing only the drip from the water that runs through the soil, while with a hose, at least ninety per cent of the water would drop on to the plants below. Then, by turning on full pressure, the plants can also be sprayed or syringed. In this way I have been enabled to grow double the amount of stock in my palm houses and with less labor than previously used. I now have a large portion of our two ranges of palm and fern houses equipped, both at our Lake View place and at Edgebrook, and am working on more lines right along, as I find the time saved will pay for the outlay in a short time.

As Applied to Vegetables.

The next experiment I made was in Davis Bros.' cucumber houses at Aurora, Ill., and I quote you the following from a letter: "It saves ninety per cent of our watering labor. We now have the Wittbold system in all houses. Do the watering in an hour which formerly took twelve hours and do better work. We are recommending the system to our friends." I wish to say that Mr. Davis is using it now for the second winter and is much pleased.

The next experiment was in lettuce at Chamberlain & Bunker's, Fremont, Mich., who are large vegetable growers, and the letters I have received from these gentlemen have given me much encouragement. I only mention these two places as a few facts; more would only tire you and would only be a repetition of what these gentlemen have said. You gentlemen are representative carnation growers, and I wish to ask, if a watering system can be applied in palm and fern houses, in cucumber and lettuce

houses, can it not also be applied in carnation houses?

The pipes and nozzles can be so placed that you can water from underneath the plants; that you only water the soil, or spray upward from underneath the plants, or downward from above, just as the case may require.

Value to Carnations.

I am not a carnation grower. But from what experience I have had in other lines, I say it can be done, and it only needs some one to take up the idea with determination to overcome what obstacles are in the way. I firmly believe that mechanical watering is practical and will save thousands upon thousands of dollars every year in labor to the greenhouse men when it is understood, and will do better work than can be done in any other way. Let me suggest that steps be taken by the American Carnation Society to determine the value of mechanical watering by experimenting or otherwise during the coming year, so that more definite reports can be had at the next meeting.

McKINLEY DAY.

I would respectfully call the attention of the carnation growers and florists to the recurrence of McKinley day, January 29, and would emphasize and endorse the comments appearing in recent issues of the trade papers.

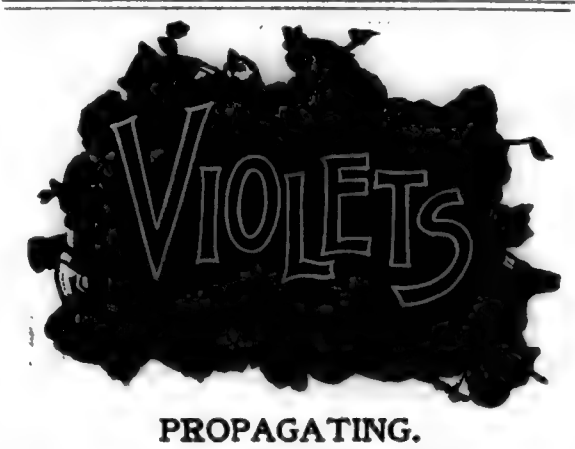
The trade is responsible for the success or failure of this day, dedicated to the expression of respect for our martyred president. Far better lose your entire day's stock, or absolutely donate it to the public, than to antagonize this awakening sentiment of the American public by exorbitant and prohibitive prices for President McKinley's favorite and beloved flower on this coming anniversary of his birth.

It is to your interest that the public should know of this day. There is not a newspaper in this country that will not give space referring to and commenting upon it.

A discriminating distribution of a few carnations, either white, red or pink, will emphasize the significance of the day, and the wearers will excel themselves in arousing the dormant sentiment of their friends and acquaintances.

And, lastly, and most important, contribute $1 or more, if you can, to the Florists' Memorial Fund for the McKinley monument, and receive by return mail a handsome steel engraved certificate. Then place this in a prominent place on January 29, thereby offsetting, to a degree, any impression of selfishness on your part, in a public movement that benefits your business.

H. M. ALTICK, Chairman.



PROPAGATING.

As I said in my last, it is time to begin taking our stock for next year, and this is a matter that needs particular care; I think even more with violets than with some other kinds of stock, for some kinds of plants are more hardy and disease-resistant. But the person who thinks that he can take his cuttings from the stock as it runs in the houses, be he ever so good a grower, will sooner or later—and it is generally sooner—find that his stock is deteriorating.

In looking for the plants that you are to propagate from, reject all such as are at all stunted, or in any way run down in health, or those that did not produce first-class bloom as regards size, color, freedom, odor, etc. Choose only such as are in first-class order. They will now, as the days brighten, begin to feel the influences of spring and will be throwing off many nice, thrifty shoots that will make just the kind of stock you will wish. Many of those will already be throwing out little white roots from the shade and moisture afforded by the parent clump.

When removing these cuttings it is well to take off only a few at a time and throw them, as taken, into a pail of clean, cool water, so that they have no chance to wilt. Then, when you have enough for two or three flats, trim, and prick out at once.

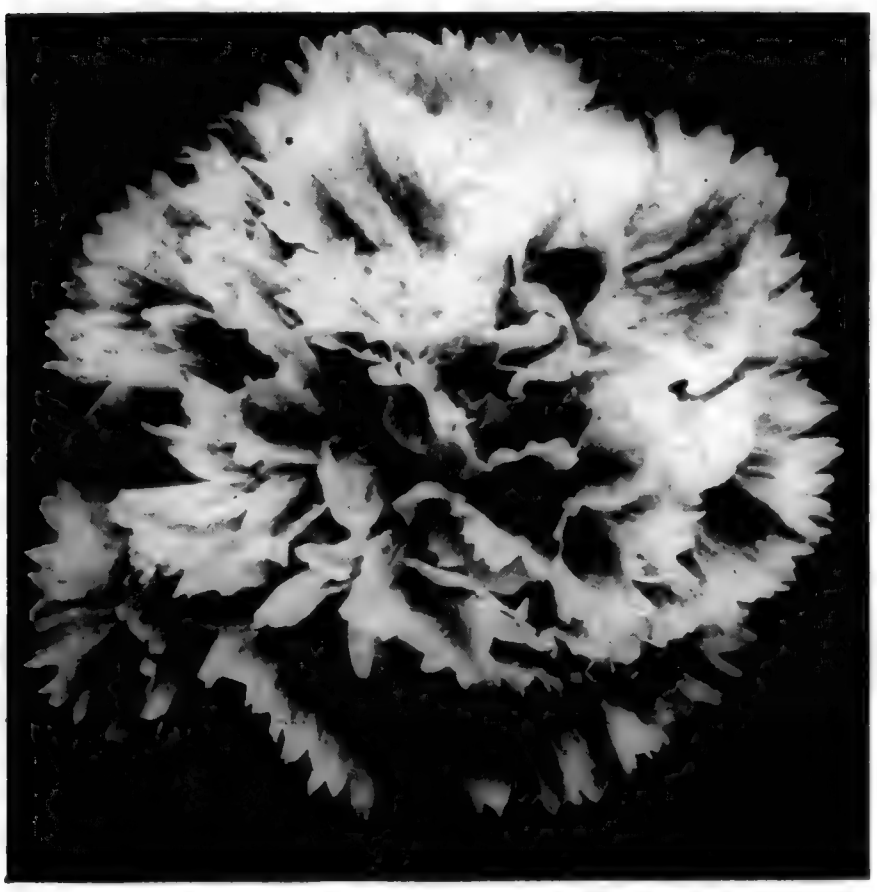
Of course your soil should have been prepared some weeks ago and should be composed of well-rotted sod with about one-fifth of good, rotted manure, preferably from the cow stable, if you have it, and screened, so as to have no straw, leaves, or stones in it. One of the great points in having your soil ready, is having the moisture right; not too dry, or too wet, as there is nothing spoils soil so quickly as handling it when too wet.

Always have your flats of uniform size, for more reasons than one; the first being that it economizes room in shelfing; then, another, in taking tally of stock, you will have the same number of plants in each.

We have found the size recommended several years ago by Professor Galloway to be very handy and economical as regards material. This lets you cut your lath, which you use for sides and bottom, once in two. You will want inch pine stuff for the ends and this should be three inches wide and about thirteen or fourteen inches long, or whatever will best fit the places you have for the flats when filled. The two outside laths should be first nailed on and then you can spread and space the rest between them, leaving a crack between each of, say, about a quarter of an inch. This is for drainage and air and is best covered with damp sphagnum moss when you get ready to fill with soil to keep it from going through the cracks.

Fill the flats full of soil and firm it well before pricking out the cuttings. They will need careful watering and shading, like all cuttings, for several days. Then the shading can be gradually removed as they get established.

This method of putting them directly into the soil, in the flats, saves time; but





Carnation Toreador, a Seedling of Prosperity, Grown by H. Weber & Sons Co., Oakland, Md.



Carnation Cuttings at Peter Reinberg's, Chicago.

you cannot always spare the room for the flats so early in the season. In that case the cuttings will have to be put into the propagating bed until rooted. But if you have to do so, be sure and have the propagating bed thoroughly cleaned out and filled with fresh new sand; and it is best to never use it but once at that.

R. E. SHUPHELT.

BREEDING GLADIOLI.

[A synopsis of a paper by H. H. Groff, Simcoe, Ont., read before the American Breeders' Association, January 18, 1907.]

As an interested amateur breeder of animated life since boyhood, as well as an enthusiastic horticulturist, the modern knowledge of the similarity of the biology of plants and animals found me with an open and receptive mind, and as appealing more strongly to the imagination than work on animate life, I abandoned the latter, and, to the exclusion of almost every other interest, confined my activity to one plant, the gladiolus, with such effect that in over fifteen years I never lost one day during the breeding season. This persistent and continuous activity, with the use of the best material obtainable from all outside sources, is the price of the success that I am able to claim in the interest of civilization and horticultural science. For an unknown man, in an obscure town, in a country of slandered climate, to bring a semi-tropical plant to Canada, as the foundation for a strain of world-wide recognition, seemed the height of folly and a deliberate courting of failure and loss, and it did not take me long to discover that to secure more than partial success meant a severe and persistent fight.

Conditions of Work.

I found the conditions of soil and climate admirable, and the absence of long continued periods of atmospheric humidity most congenial to the work of successful crossing. Although the season for maturing late crosses is unfavorable, I overcame this difficulty in securing the admixture of midseason and late flowering types by cutting the immature seed spikes on the first threatened frost, and maturing in water a month later—a process requiring much time and trouble—but as pollen from young early flowering types (which bloom till frost) was used, I soon had the valued characteristics of the later flowering sections, available for normal use at a more favorable season, a victory over adverse conditions, of incalculable value.

Again, I found that our clear, dry atmosphere, so favorable to success in crossing, also frequently wilted the flowers; an effect not only making rapid work impossible, but most prejudicial to the "taking" of crosses so made.

This difficulty I overcame by daily carrying the pollen over until the following dawn, when I found that the work could not only be accomplished in far less time, but that the percentage of successful crosses was most materially increased. The two foregoing original practices are the result of a struggle for control, and as I have never heard of them being advised, I may include them in this record of results.

Points for Plant Breeders.

The time allotted for this address will not permit me to report more than a few of the points that I am sure will be valued by plant breeders.

When I began this work, over fifteen years ago, although Europe had been engaged on it for 100 years, the ground was only broken. Varieties lacked vitality, reproductive powers and adaptability to changed conditions, and my first work covered a complete series of violent outcrosses in which every section was made use of to bring the desirable features possessed by each under control for transmission in cross-breeding. From the foundation work of those first years, by the aid of selected types as sires, according to the practice of animal breeders, has this control been handed down with continuous yearly progression to the past season.

In America the flower was discredited, and the demand so influenced by its lack of quality, value and beauty that growers thought of allowing large blocks to freeze in the fields with the view of stiffening the market—certainly not a very progressive idea. The advent of my new hybrids changed all this, and the exhibits made at the Pan-American Exposition, where they were awarded a gold medal, and at the St. Louis World's Fair, where they secured the grand prize, not only repopularized the flower, but exercised a favorable reflex influence on existing low grade stocks. Thus no existing acreage has been displaced, but the values have been improved, with over 100 acres of the highest quality in the world added to this country, of such excellence as to enforce commercial recognition throughout the civilized world. Surely this may be included in the record of results.

My practice has proven that not only can the scientific worker do all that he may sanely plan to do, but he will find that from year to year mutations will appear beyond the range of the area of his expectations, of such progressive value that he will be led onward by an ever lengthening and broadening horizon—beyond the conception of the human mind.

The past season has afforded an

increased number of proofs as to the correctness of the system of breeding advocated by me. I repeatedly collected in the field new varieties of special merit, supposing them to be the same, until compared in detail, when the transmitted parental characteristics of each collection were distinctly traceable, but with sufficient variation as to make each variety valuable, each bearing distinctive qualities of value under the diverse cultural conditions to which they inevitably must be subjected.

It is not easy for me to illustrate to you by comparative description the highest points of results claimed by me. If you were all gladiolus experts it would be much easier to secure your appreciation. One effective illustration will assist, however.

Colors Most in Demand.

During the earlier years of my experience in securing commercial efficiency the invariable cry was, "send no red shades." In 1905 Mr. Cowee was offered $5 for a single corm, and I was offered $10 for one of the same variety—a brilliant red—both offers being from amateurs of moderate means, and I may say that no such offer was ever made to me for a variety of any other color. A single spike of six flowers measures one foot wide by two in length, and is so effective as to center attraction in a field of thousands of other varieties. This variety is being rapidly multiplied for early introduction, but you will be interested in learning that I have types of later origin that will supersede it in due time. You will, of course, expect this additional result.

The commercial demand for high class lights has now been filled by the thousands of new varieties originated by me during the first ten years of my work. Selections bred from this material have given me thousands of newer and more advanced types, which have been crossed and multiplied during the past five years for future introduction, and will constitute as marked and distinct an advance as did those shown at the expositions referred to. The value of some of these is beyond estimate.

The present commercial yellow is deficient in color, quality and multiplying qualities. This need will shortly be filled by thousands of new varieties developed by me under the same practice that produced the new light section, all varieties of equal and greater quality than the few novelties issuing from European sources under name.

All other desirable colors are receiving the same attention and improvement by the same system of selected breeding. Among all of these are remarkable types of promise beyond my expectations, individual varieties of such special qualities as to be beyond description for want of adequate comparison—sufficient to ensure your comprehension and appreciation of these results.



Greenhouse Bench Equipped with the Heim Carnation Support.

I have referred to our geographical advantages, but these are by no means sufficient for my personal realization of the best commercial results. Although my season is nearly a month longer than even the northern part of our peninsula, it is fully a month too short for the full maturing of the cormels of many valuable and useful varieties developed from late maturing material.

Origin of America.

The variety named America, erroneously classified as Childsi by the purchaser and introduced under that name, has been grown and sold by me in collections for the past ten years. Its annual cormel production is from 2,000 to 5,000 per cent, but with me a comparatively small percentage mature annually. In this state (Ohio), however, the conditions are more favorable and its multiplication much more rapid in consequence. Of course such experiences are to be expected in work on a semi-tropical plant, and afford proof of my public contention on this point, many years ago, before this experience proved the correctness of my then expressed theory. While I have knowledge of many similar experiences, the naming of this one of my hybrids America has made that variety useful as an illustration of a scientific fact.

Scientific Record.

As I have referred to the fact of scientific results, I beg to record:

That crossing from varieties tending to double has induced the production of twin corms from single seeds.

That bud variation, partial the first season and complete the second, has produced a fixed new type, sporting from one of apparent equal fixity.

That atavism of esthetic and commercial value results from the intercrossing of advanced types of diverse parental extraction, the flower form of the iris, a plant of the same natural order, having been brought from the ages long past and replacing the normal form of that of the original species.

That racial qualities are as potent and capable of direction in breeding for specific results in plant as in animal life.

That no simple or limited crossing can produce the value, quality and satisfaction equal to those resulting from unlimited removals from the wild species on the lines of scientific selection, guided by learned human intelligence.

That the attainment of the highest success in results is easily secured by cultivation of the perception, some learning, an open mind, use of the best material, and unlimited work.

Springfield, Ill.—W. C. Garrard, secretary of the State Board of Agriculture, announces that the state fair for 1907 will be held at Springfield September 27 to October 5. It is to be "the greatest fair on earth."

Cleveland, O.—Plans are under way for a large gladiolus exhibition to be held at Euclid Beach during August, when 50,000 gladiolus spikes are expected to be shown. Prizes will be offered to local growers. Arthur Cowee, Berlin, N. Y., has promised a large display.



Establishment of C. C. Wonneman, Mexico, Mo.



PROPAGATION BY GRAFTING.

After the stock has been placed in the grafting case the real work pertaining to success begins. This consists of watchfulness and careful observation, which must be insistent.

The sand or ashes on which the pots rest must be thoroughly moist and the soil in the pots medium wet. The plants should then receive a sprinkling with a nozzle which makes a very fine spray and the case should be closed immediately afterwards.

In ordinary cases the plants require no more moisture for the first five or six days; neither do they require any ventilation. To get rid of any superfluous moisture it is a good plan to remove the sashes for a few moments night and morning. This also freshens the air and if carefully performed will result in no injury to the plants. If the sashes are forgotten and left open too long, ruin will be the result. I need scarcely add that during this period the plants must be carefully shaded and the state of the stock examined, at least twice a day, to see if there is a sufficiency or excess of moisture in the case.

If there are signs of wilting of the foliage it is usually due to too dry an atmosphere, while if the moisture is excessive the leaves have a droopy and saturated appearance and lose color. If the moisture is excessive a thin wedge of wood inserted below the sash will keep it even; but this requires constant watching, especially during dry and breezy weather, and may require altering several times a day in order to keep conditions right. The temperature during this stage and until the union has formed should be about 70 degrees, which may even rise to 75 degrees during bright weather.

As soon as the callus is formed the case will require a little ventilation; but this must be administered very carefully, keeping a strict watch on results and gradually increasing the supply as circumstances demand. By carefully studying conditions and gradually increasing the amount of air given, the sashes can be entirely removed in about twenty-five days when the plants can be removed to the bench. Even after they are on the bench they will require extra care in watering, ventilation and especially in shading for a week or two in order to make a real success.

After treatment is little different from that accorded own root stock, with the exception that as the bark begins to swell the tying material should be examined to see that it does not cut into the bark; and if any suckers make their appearance they should be removed at once. RIBES.

TROUBLE WITH ROSES.

We are sending you two rose plants, out of a house that was in excellent condition until six weeks ago. We have treated them the same as in previous years, and have always had good success. Can you tell us what the trouble is? This trouble seems to be scattered all through the house. Probably one-fifth of the plants are affected. Could it be clubroot? A. H.

After a careful and very critical examination of these plants I can find no trace of any disease and certainly no sign of clubroot or eel-worm. The trouble seems to arise from erratic temperature, ventilating and watering, which would account for the low vitality they possess.

Keep a strict watch on the night temperature, which should be 56 degrees to 58 degrees, allowing a range of 15 degrees to 20 degrees rise during daytime, according to condition of weather. Be careful not to allow the benches to become dry at the bottom and also exercise caution not to overwater. With a little care and patience and with increased sunshine they will outgrow this in a short time.

It would be best not to try feeding for some time till they show signs of returning health. RIBES.

SPRINGFIELD, OHIO.

The attendance at the January meeting of the Springfield Florists' Club was good, considering the extremely unseasonable wet weather which has prevailed for several weeks.

On the department store question, which had been discussed and referred to a committee at a previous meeting, Charles Unglaub reported progress, with a prospect of arriving at a reasonably satisfactory solution.

The subject for the meeting being "Credit," the paper of S. S. Skidelsky, of Philadelphia, on "Our Credit System, its Uses and Abuses," was read by George H. Mellen, from The REVIEW of January 3, 1907. The general discussion of the subject which followed indicated a sentiment favorable to a plan somewhat along the lines suggested by Mr. Skidelsky. The credit committee, which had been previously appointed, reported, through George D. Leedle and George H. Mellen. It favored a more thorough use of the leading mercantile agencies, as well as special trade agencies, and was instructed to formulate a plan for listing all delinquent debtors on the books of members doing a wholesale shipping business.

The mail order firms have been putting out catalogues rapidly and profusely and the southern trade is opening earlier than usual in quite heavy volume. A pleasing custom of the members is the prompt exchange of new catalogues and price-lists as soon as out of press, and the purchase and exchange of stock between local florists is something constant and quite extensive. GE DALE.

NEW YORK.

The Market.

The unexpected has happened; we have actually had a snow storm and a touch of winter, clearing the air of grip microbes and giving humanity another grip on the life line. But in twenty-four hours the rain descended and the floods came and slush and mud were again triumphant. Sunday the sun made an effort to get acquainted with New York. The skies cleared at night and the temperature gave signs of hugging zero. Monday we had the fringe of a blizzard.

A remarkable condition of things prevailed in the wholesale market Saturday evening. Because of the long spell of sunless weather the supply of roses suddenly diminished and none of good quality were to be had "for love or money." Beauties rose to $12 per dozen and Maids and Brides to $20 per hundred; even higher figures were quoted in some centers. Advance orders were unsafe to book in the evening and I saw one retailer panicky with five dozen Beauties and an equal number of the best Maids and Brides on his list for early Sunday delivery and not a flower to be found in the wholsale markets to fill the bill. The market was simply cleaned out, and there was nothing left in roses of top grade at any price. Such a condition seldom has been experienced. "How are prices?" "Good, but what's the use? There's nothing coming in and quoting advance rates only makes dissatisfaction."

Now that the weather has cleared and the sun is shining, normal shipments will soon again prevail. In the meantime the interdependence of grower, wholesaler and retailer has been pretty thoroughly and clearly demonstrated. "Useless each without the other."

Carnations will now have their inning. This is carnation convention week and next week we have carnation day in honor of McKinley. Already the wholesale section has emphasized the fact by handsome placards announcing the occasion. It will be observed more every year and a large extra demand is anticipated.

The violet for many days last week was sadly neglected. The weather permitted the street merchants to handle them and prices fell to almost summer rates. But as the week closed the supply decreased and values mounted to 75 cents and $1 again, the latter figure for the fine bunches of 100.

There has been some further retrograding in the price of orchids and gardenias, as well as valley and lilies of all kinds. There are narcissi, hyacinths and tulips to spare. As to quality, the long spell of dark, damp weather tells the story. Few flowers of any kind have done themselves justice. Roses especially have been most unsatisfactory in color. But the law of averages is never annulled. There will soon be abundant

compensation in better flowers, larger quantities and sunny days, and so the evening-up process may be confidently expected.

Various Notes.

Many in the business have been seriously ill with the prevailing malady, the grip. Few of the wholesalers have escaped. Even youth and cheerfulness cannot prevent it. We hope now we have seen the last of it for the season. Among its prominent victims was the secretary of the New York Horticultural Society, also Jos. S. Fenrich.

A visit to the plant growers is of especial interest now because it betokens the prospective Easter demand and the voice of the public as to the popular taste at that time. To particularize the growers and describe their progress would absorb too much space, for their name is legion. If the Easter of 1907 may be foretold by the quantity and beauty of the stock now in process of preparation within a radius of twenty miles of New York, it will be far in advance of any of its predecessors. Evidently a great shipping trade is depended on and a word to the out-of-town buyers may not be out of place. Send your orders or make your selections now. The late birds will not catch many good fat worms. Already many thousands of dollars' worth have been labeled and put aside. This is just a friendly warning. Procrastination is a thief. Get busy. Easter is only ten weeks away.

When the auction season opens again shortly, visitors will see a redecorated store at Elliott's that does the artistic management great credit.

Next Wednesday, January 30, at 4 p. m., the Nassau County Horticultural Society dinner at the Oriental hotel, Glen Cove, L. I., will be enjoyed, and if it equals that of last year no one can afford to miss it.

Arthur Boddington rejoices in the addition of an extra to his home department. The little lady and the stork came to Yonkers with the holidays.

F. W. O. Schmitz, of Prince Bay, has a grand stock of the four popular varities of spiræa for Easter. The demand for Gladstone is growing and the stock is extra fine.

H. Frank Darrow is away on a New England trip and reports a prosperous season. His importations are large and include about everything the florist and nurseryman desire.

Mr. Carrillo, of Carrillo & Baldwin, the orchid growers and importers, is now in the cattleya district of Brazil, and writes the prospects for fine shipments are favorable. The importing season will soon be in full swing and this enterprising house will do its share.

The Geller Supply Co. is handling large quantities of wild smilax. The new store is crowded with all the florists' supply requisites and the move to enlarged quarters was wise and profitable.

George Hildebrand, the popular lieutenant with John Young, celebrated his wooden wedding at his home on West Thirtieth street last week Wednesday. His many friends attested their good will in wood of every kind and size and the gathering was a large and happy one.

Wertheimer Bros. will move to convenient headquarters at 550 Broadway February 1. The popularity of this firm is constantly increasing.

Mr. Schumann, of Perkins & Schumann, is an enthusiastic automobilist and was in his element at the big show last week and talking glibly of wheels, sprockets, hubs and sparks. Soon every wholesaler will have his auto to ensure prompt deliveries and every retailer who aspires has one now and couldn't get along without it. Perkins & Schumann expect to increase the size of their store shortly, more room being already a necessity.

The Twenty-eighth street store of Thos. Young, Jr., had a notable decoration at Judge McCall's, on Eighty-sixth street, last week, the halls, parlors, library and dining-room each having its distinct effect with American Beauty, Chatenay, Killarney, Robert Craig and violets. George M. Geraghty is the decorator. The same firm had charge of the family orders for the Dugan funeral, with a casket cover of white roses, and nine large floral pieces, including orchid and violet wreaths and a pillow of Chatenay and valley.

J. K. Allen does not allow even grip to interfere with his invariable nineteen-year-old rule of six o'clock every morning. He has fully recovered and hasn't missed a day in the memory of the wholesale section.

Ford Bros. show with commendable pride a great daily cut of Enchantress and other popular carnations from the big establishment of Henry Hession, of Flatbush. Flatbush should really be renamed Carnationville, when the great growers of the flower are deservedly considered.

B. S. Slinn says it may be carnation week in Toronto, but the violet is king on the ground floor of the Coogan building.

John J. Foley has been ill since before Christmas, at his home, at Madison, but now is convalescing. His illness has been severe.

Bonnet & Blake, in Brooklyn, are handling grand carnation stock from John May and their Long Island growers and some of the finest roses grown in Madison.

The demise of the venerable James Mallon, in Brooklyn, is reported in the obituary column on another page.

Siebrecht & Son are cutting fine stock of Chatenay, Killarney, Richmond and Kate Moulton roses from their own greenhouses, also valley and Trianæ and lælia orchids; of the latter over 300 daily.

Joseph Leikens had a decoration Monday at the residence of C. M. Schwab, the steel magnate, and on Tuesday of this week the Post-Turnbull wedding at church and house, using lilies, forsythia and Japanese quince, an early harbinger of spring.

A. J. Guttman reports he sold from Saturday until Monday, inclusive, over 80,000 violets. The demand from out of town on Monday was phenomenal. There would seem to be no necessity for forbodings on the part of the violet growers up the Hudson. The effort made by some of the unposted editors of the local press of Rhinebeck to disturb the peace of mind of the growers there will fall upon unresponsive ears. The violet industry is but in its swaddling clothes.

Robert G. Wilson, of Brooklyn, fills many out-of-town orders for delivery at Brooklyn theaters or homes. He also has many orders for Long Island and New Jersey. His brother Andrew, at Summit, N. J., has made a great success of his plant oil.

A. Warendorff's window is a dream, with its autos of flowers, its trunks of orchids and baskets of roses. There is never a commonplace display.

Young & Nugent add novelty to artistic arrangement and unique lighting effects in their Twenty-eighth street windows and seem to be always busy.

George Cotsonas & Co. find the complete store at 50 West Twenty-eighth street none too large for their shipping trade. A large force is constantly at work here.

N. LeCakes & Co. find their stands at the Coogan building and the old Thirty-fourth street market still a necessity, in addition to their headquarters at 53 West Twenty-eighth street, where, in addition to everything in green goods, their cut flower department under the management of J. J. Foley is steadily developing.

New York sent a goodly delegation to Toronto Tuesday night. The cold weather might have been expected; it always comes on the week selected for the carnation convention.

J. Austin Shaw.

DENVER.

The Market.

Trade has not been any too strong in some lines, while in others it has been good. We have had a few days of dark weather, which had a bad effect on roses. It seems to have no effect on carnations; consequently there has been a falling off in prices to some extent. Outside demand is good. City trade is not quite up to the standard. Funeral work was quite a factor; consequently white roses were in greater demand and were scarce. Long-stemmed Beauties are not overplentiful and the demand is good for all lengths. The quality is fair. Bridesmaid continues to improve, so that at present some fine stock is to be had. Demand is good. Richmond and Liberty are in crop and are perhaps better than any other roses, though the demand is not so strong, the call being mostly for white and pink roses.

Carnations are in crop with every grower at present and quality in most cases is good, though lack of demand has caused prices to come down to some extent. Violets are good, but not overplentiful at 75 cents, $1 and $1.25 per hundred. Tulips are coming in, but as yet are short in stem and there is not much of a variety.

Various Notes.

J. A. Valentine, N. A. Benson and Emil Glauber left Sunday, January 20, to attend the American Carnation Society convention at Toronto. They go by way of Chicago and Detroit, expecting to visit other of the eastern cities before their return, in about three weeks.

The youngest daughter of C. J. David, the north side florist, died of heart trouble last week, the funeral occurring Friday.

A joint convention of the State Board of Horticulture and the Colorado State Horticultural Society will be held January 25 and 26, in the Chamber of Commerce in this city. A very interesting program has been arranged, as

well as a large list of prizes for the different exhibits. One paper to be read will, perhaps, be of interest to the florist and gardener, viz., "Ornamental Shrubs," by W. D. Smith, of the Park Floral Co.

The Florists' Bowling League resumed its play last week and some high scores were made, N. A. Benson having high game, 258, and Charles Benson 226.

C. J. Davis is cutting some fine sweet peas at present.

Harry Berry is now with Emil Glauber, at the Montclair greenhouses.

E. S. K.

KANSAS CITY.

The Market.

Business, with some of the stores, has been quiet, excepting a few good orders of carnations that were furnished each day for the implement dealers, who held their annual convention here last week. These carnations were given to the out-of-town visitors. There was quite a large crowd of them and the hotels were filled to their utmost capacity. The first floor of the convention hall was occupied by exhibits of the implement men and the upper floor by the poultry show. The cackling of the hens and the crowing of the big roosters made music in the air.

The weather has been everything but pleasant, with rain, sleet and snow. On account of so much cloudy weather, stock has been poor and not very plentiful.

Various Notes.

The new location and the prosperous business of the Alpha Floral Co. must have caused its proprietor, Alpha Elberfield, to consider seriously that it is not good to be alone in this world, so he has taken unto himself a wife. He was married Thursday evening, January 17, to Miss Emma Foulke, who has been in his employ for over a year. The happy couple left immediately for Chicago on their honeymoon. The event was quite a surprise to many, but that is what Mr. Elberfield is in the habit of doing, surprising people. We all wish them happiness and success.

Arthur Newell and Samuel Murray left Monday, January 14, for Mexico, where the Mystic Shriners are holding their conclave this week. A special feature of the conclave will be the conferring of the Shriner's degree upon President Diaz of Mexico. As Mr. Newell and Mr. Murray are both Shriners we are sure that they will have an enjoyable time. They will be gone about three weeks.

Lawrence Schwager is with us again in the business. He is now manager for the Grand Avenue Cut Flower Co., located at the corner of Thirteenth street and Grand avenue, where William Bastian was in business.

C. Aangeenbrug, of Warnaar & Co., Sassenheim, Holland; A. Currie, Jr., of Currie Bros. Co., of Milwaukee, and Mr. Augspurger, of D. U. Augspurger & Sons, of Peoria, Ill., were in the city since our last report. W. H. H.

WILTON JUNCTION, IA.—Mailing lists should be corrected to read E. Friederichsen & Sons. They succeeded Friederichsen Bros. three years ago and request the change, as the old name is still appearing in trade lists.

THE DEATH ROLL.

James Mallon.

James Mallon, known in Brooklyn, N. Y., for over fifty years as a florist, and proprietor of the store at Willoughby and Fulton streets, died January 19. Mr. Mallon had been ill for about two weeks and his death was due to a complication of diseases superinduced by old age, he having recently passed his seventy-fifth year.

Mr. Mallon came to this country at the age of 15, with his parents, from County Tyrone, Ireland. His father became engaged in the florists' business, and soon turned it over to the younger man, who started the store at Fulton and Willoughby streets. He later established greenhouses at 20 Smith street and for years was known as the father of the business in the city. About twelve years ago, because of infirmities, he was compelled to give up active business and he turned the store over to his two sons, John P. and Joseph F. Mallon, who have conducted it since.

Although Mr. Mallon did not take an active part, he was at the place of business every day, and during the rush of Christmas week he worked as much as sixteen hours a day. The exertions then, according to the physicians who have attended him, were largely responsible for his weakened condition when attacked by the fatal illness.

Mr. Mallon was married to Miss Bridget Scanlon and they had four children, who now survive. Mrs. Mallon's death occurred little more than a year ago. Beside the two sons who have taken their father's place in the business, they had two daughters—Mrs. Mary Fuery and Mrs. A. G. Piggott.

Since he first came to this country Mr. Mallon has taken a great interest in politics, although he has never held office. His place at Willoughby and Fulton streets was the rendezvous for many of the most prominent men of the city, and to many of them has he proved an adviser, whose words were well worth heeding. The funeral was a large one and there were many flowers.

The death on Saturday, January 19, of the venerable James Mallon, of Brooklyn, one of the oldest and best known florists of the country, was not wholly unexpected, as he has been severely ill since New Year's. He was a man of wonderful energy and devotion to the work he loved so well and to the end his interest was unabated. His reminiscences made a visit to the store where he so long presided, always interesting, and his name and record are a credit to the profession and a proud heritage for those who follow him. His two sons, John and James, Jr., who have long managed the extensive business with their headquarters at the historic corner of Fulton and Willoughby streets, will continue it as usual. Mr. Mallon was highly esteemed by all who knew him and many handsome floral tributes attested the sympathy and respect of the trade.

J. AUSTIN SHAW.

George F. Fabyan.

George F. Fabyan, of Brookline, Mass., who died January 18, was a director of the Massachusetts Horticultural Society and a generous supporter of that society. The magnificent cyclamens, calceolarias, pelargoniums and other plants grown by James Stuart, his head gardener, have been features at the exhibitions for several years. At the funeral January 21 there was a magnificent display of flowers.

Mrs. R. C. Hooper.

Horticulture in Massachusetts lost another generous patron in the death of Mrs. R. C. Hooper, of Boston, January 13. The deceased lady was a life member of the Massachusetts Horticultural Society and was also a strong supporter of the North Shore Horticultural Society. The floral tributes at the funeral, in Arlington street church, January 16, were the most beautiful and costly seen in Boston for years. Orchids were extensively used. Cattleya Trianæ, white forms of Lælia anceps and Phalænopsis amabilis and lily of the valley with Adiantum Farleyense formed the casket cover.

Joseph Mevius.

Joseph Mevius, official city gardener of Hoboken, N. J., for thirty years, died January 16 at his home, 112 Washington street, at the age of 88. It is said he liked his job so well that he often went to work among his flower beds around the city hall at 4 o'clock in the morning, five or six hours before the other city officials put in an appearance.

James Braik.

By the sudden death of James Braik the park board of Buffalo loses one of its oldest officials and the city one of its most untiring public servants. Mr. Braik had been connected with the park system of Buffalo for nearly twenty years. He was appointed assistant superintendent of parks, the position he held at the time of his death, by the late William McMillan. Though Mr. Braik had suffered an attack of rheumatism recently, he seemed to recover from it and resumed his work. On the morning of his death he finished and sent in his annual requisition for spring flowers and flower seeds. A few minutes after Secretary Selkirk had received the requisition, a telephone message announced the sudden death of Mr. Braik.

Mr. Braik was a native of Scotland. He was 58 years old. Before coming to this country he served in the Gordon Highlanders. When the Gordon Highlanders Company of this city was organized, he was made its first captain. He was very well known in Scottish circles. Mr. Braik is survived by his wife. There were no children.

At a special meeting of the Buffalo Florists' Club, the following resolutions were adopted:

That we have heard with profound sorrow of the death of our esteemed associate, James Braik. His long and faithful work in the parks of our city and his upright character have endeared him to his fellow workmen and to the citizens of Buffalo.

In his death the city loses a faithful, competent and enthusiastic servant, and his associates a stanch friend.

KINGSTON, ONT.—The Kingston Horticultural Society has decided to hold a flower show in September.

OKLAHOMA CITY, OKLA.—The Board of Park Commissioners has allowed money for the construction of a greenhouse 26x100. The stock is to be used to beautify the Oklahoma City park system, which consists of Wheeler park, Stiles park, Military park and Riverside park.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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Ash Wednesday falls on February 13, 1907.

THE TRADE PAPER.

Dear Florists' Review: — Enclosed please find the dollar to renew my subscription. I find great pleasure and profit in reading the Review. It is the only paper in which I really enjoy reading the advertisements. One reason is that I find money in them. But one of the greatest helps I get from the Review is enthusiasm. It is hard to do work that no one else is doing in your vicinity. Isolated florists in small places are very apt to become moss-grown, or if they do not, their stock does, and there is nothing like a good, live paper to brighten them up.

For twenty-one years I have kept account of my sales, and last year I broke all my previous records in amount of business and profit, but I hope to do even better this year. Everything looks bright, but I am still learning and hope always to be. Yours for success,

A. Wakefield.

Waterville, N. Y., January 15, 1907.

CHRYSANTHEMUM SOCIETY.

The president of the Chrysanthemum Society of America, on assuming office, will be glad to consider any suggestions which may appear to be for the good of the society. Lovers of the autumn queen are invited to communicate their ideas, and the hearty coöperation of every member of the society is most desirable for the accomplishment of the success which should be ours. The year is before us, with all its grand possibilities. Let each one contribute his share of interest, and the good results will be gratifying to us all. Let there be no drones in the hive of the C. S. A. during the year of 1907.

David Fraser, Sec'y.

THE READERS' CORNER.

Cleaning Greenhouse Glass.

I notice in the Review of January 17 that J. P. H. wants to clean the roof of his greenhouses and has tried lye and soap powder with no effect. I know of one thing that will clean it, with no bad effects if done right. Get a carboy of muriatic acid, as in quantity it is generally stronger. Use a wooden pail. Then start with a quart to one pailful of hot water and keep adding the acid until you can see the results. Get a long pole and a bunch of rags on the end, to answer as a mop. Then keep going over the glass, giving the acid time to eat up the dirt. Have the hose ready for a washdown. If it proves too weak, use stronger acid and throw on some salt. That will hold it and make a slush. Let it stand a while, or keep rubbing, then wash off.

I have used the pure acid and covered twenty feet of the roof at a time, salting as I went along. It will remove any old thing and by attention will do little harm to the wood, paint or putty. Keep plenty of water running in the gutter, to take the acid away. Also look out for plants, such as palms, etc., as a single drop will burn badly.

Wilson M. Tiplady.

In regard to J. P. H. wanting to know how to clean greenhouse glass, I can give him a bit of information that will probably be appreciated by a good many who have smoky glass to clean. What I have used is muriatic acid. Use one gallon of acid to four gallons of water. You can put it on with a stick with rags tied to it; but the best way is to get a pair of rubber gloves and get right on the glass and put it on by hand. The acid will not affect the rubber, but it would your hands. You can leave the acid on the glass about fifteen minutes, then wash it off and you will find your glass as clear as crystal.

If you have any paint on the glass you want to use strong lye first, as the acid will not affect the paint, nor will the lye affect the smoke. I have soaked smoky glass in lye for two weeks and the only way you can get it clean is with salt and water, which I used to use before I caught on to the acid.

Our worthy brother, W. S., will kindly excuse me for saying that lye will not remove smoke. I am talking about the dirty, greasy Chicago soft coal smoke, and if he has any smoked glass I wish he would try the acid and let us know how he likes it. You can buy the acid of any wholesale druggist. It comes about ten gallons put up in a glass bottle. The price in Chicago is 21 cents per gallon. They charge $1.50 extra for the bottle. Always keep your acid in a cool place and never put it in anything but wooden pails. J. B.

COUNCIL OF HORTICULTURE.

The first installment of the 1907 service of the National Council of Horticulture's press bureau was distributed the current week by James Burdett, 1726 W. One Hundred and Fourth place, Chicago, to a greatly enlarged mailing list. It consisted of four articles prepared by volunteers under the direction of Prof. H. C. Irish, secretary of the society, as follows: "The Modern Gladiolus," "Poppies," "Designing a Planting Scheme," and "Evergreens for Ornament."

It is earnestly desired that the names of newspapers to which contributors wish this service to be sent, or which express a desire for the service, be sent to Mr. Burdett, in order to make the mailing list as efficient as possible. As soon as possible a schedule of articles, with the dates on which they are to be distributed, will be issued for the benefit of those who wish to advertise.

As it has been suggested by some contributors to the council's press service that they would like to advertise in some of the newspapers using the service, the following list is issued of newspapers that used the service last year and have expressed themselves as wishing to have it continued:

The News League of Ohio, including Dayton Daily News and Springfield Daily News; Louisville Times; Spokane (Wash.) Spokesman-Review; Madison (Wis.) Democrat, and the string of papers served by it with plate matter; St. Louis Globe-Democrat, semi-weekly edition; St. Louis Star-Chronicle; Cleveland Press, and about thirty other papers served by the Newspaper Enterprise Association of Cleveland; Philadelphia Evening Bulletin; Memphis Commercial-Appeal; Chicago Tribune; Chicago Daily News; Washington Evening Star; Worcester (Mass.) Evening Gazette; Brooklyn Daily Eagle; Grand Rapids (Mich.) Herald; Ohio State Journal, Columbus, O.; Kansas City Star; Milwaukee Journal; Milwaukee Evening Wisconsin; The News, Buffalo; Cincinnati Gazette, published by Commercial Tribune Co.; Twentieth Century Farmer, weekly publication of the Omaha Bee, and Minneapolis Tribune.

The Kellogg Newspaper Co., Chicago; the American Newspaper Union, New York, and the Chicago Newspaper Union, Chicago, have supplied their subscribers, numbering several thousands, which they have classified in various lists covering certain territory.

Send Your Order to Amling for

CARNATIONS

for McKinley Day, January 29

(and all other days as well.)

We believe no other house in the West has so large a supply—certainly no other house has so large a supply when only first-class stock is considered. See for yourself. Order today.

Roses and Beauties

Supply has decreased but our stock averages good quality.

Violets

Big, dark Hudson River doubles and fragrant home-grown singles; large supply.

Bulb Stock

Plenty of white Tulips and increasing supplies in colors. Paper Whites abundant.

FANCY VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Stems, 30 to 36 inches	$5.00 to $6.00
Stems, 20 to 24 inches	3.00 to 4.00
Stems, 12 to 16 inches	1.50 to 2.00
Seconds	.75 to 1.00
Bridesmaid, per 100,	6.00 to 15.00
Bride, "	6.00 to 15.00
Chatenay, "	6.00 to 12.00
Golden Gate, "	6.00 to 12.00
Richmond and Liberty, "	6.00 to 15.00
Carnations, select, "	3.00
" large and fancy "	4.00 to 5.00
Miscellaneous Stock	
Violets, N. Y. double, "	.75 to 1.00
" single, "	.75 to 1.00
Valley, select, "	2.00 to 4.00
Callas, per doz.	1.50 to 2.00
Harrisii, "	2.00 to 2.50
Mignonette, "	.50 to .75
Sweet Peas, per 100,	1.00 to 1.50
Romans, "	3.00
Paper Whites, "	3.00
Jonquils, "	4.00 to 5.00
Tulips, "	4.00 to 5.00
Green Goods	
Asparagus Plumosus, per string,	.35 to .50
" " per bunch,	.35 to .75
" Sprengeri, per 100,	2.00 to 5.00
Adiantum, "	1.00
Smilax, per 100, $15.00; per doz.	2.00
Ferns, per 1000, $2.50; per 100,	.25
Leucothoe Sprays, per 1000, $6.00; per 100, 75c	
Galax, green and bronze, per 1000, $1.00.	
" " " per case, 10,000, $9.00	
Boxwood, 35c per bunch; $7.50 per case	

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic Chicago, Ill.

Mention The Review when you write.

CHICAGO.

The Great Central Market.

The weather has been the sole topic of conversation in the last week. For three days following last report it rained almost continuously. The only time the sun came out it put the plants in a Turkish bath. The temperature was around 60 degrees Saturday afternoon and since January 1 we have had 220 degrees of excess heat. Saturday night winter came and the temperature fell to within 8 degrees of zero in less than twelve hours. At the same time the wind attained a velocity of fifty-five miles an hour.

The long spell of dark weather caused the plants to stand practically still. The result was particularly manifest in the rose market, good roses becoming quite scarce and advancing in price. The call for funeral work made an active demand for shorts and everything in the rose line moved off quickly. White roses were difficult to procure all last week and there is no change this week. The sudden cold did not do much toward retarding the cut, for the crop was about the lowest ebb anyway, but it gave the growers a chance to test the heating apparatus. A 55-mile breeze at 8 degrees above zero, with houses none too well glazed, is no joke.

Conditions are not good for large production, especially in the rose line, for some time to come. The plants are too soft to respond quickly to better growing conditions; indeed, strong sun would be likely to do much damage in the weakened condition of the stock.

Carnations are in a little better shape and are producing more freely than roses. There is an excellent call for white, so that it is not always possible to supply these. Enchantress is more abundant than any other and sells well. Lawson is not the color mostly wanted and is the last to go.

Considerable quantities of tulips now are available. There are plenty of white and a few red and yellow are seen. Paper Whites are abundant. Callas are in larger supply and occasionally considerable quantities of Harrisii are seen. Freesia has been in for two or three weeks, but is not yet abundant enough so that it cuts much figure. Jonquils clean up quickly, but there is enough valley.

The receipts of violets are less than usual at this season, but there are enough to meet all needs. Poinsettias still are seen in some quantity but are poor and do not sell.

There is an excellent demand for bunched greens. Ferns are causing much trouble.

Benthey's to Move.

The Benthey-Coatsworth Co. has closed a lease for new quarters on the second floor of the Atlas block, the large corner room, No. 202, a space the agents have not heretofore been willing to rent for florists' purposes. The room is ample in size, glass on the two street sides and on the same floor with six other wholesale florists. It is a fine location and, the last tenant having vacated, will be occupied at once.

As soon as the Benthey-Coatsworth Co. leaves its old quarters the partition will be removed, adding the space to that of the Poehlmann Bros. Co. The Poehlmann Co. is badly in need of more room and will rearrange the store to take full advantage of the doubled space. It is expected to have all the changes made in time to be ready for the Easter rush and the heavy spring cuts.

The Toronto Party.

The Chicago party to the Toronto convention pulled out twenty minutes late on a cold afternoon Tuesday. Those in the special car were C. L. Washburn, P. J. Hauswirth, Mrs. Hauswirth, George Asmus, August Poehlmann, Adolph Poehlmann and J. S. Wilson, Chicago; A. S. Halsted, Belleville, Ill.; N. Zweifel and J. E. Pollworth, Milwaukee; A. T. Pyfer, Peter Olsem and A. F. Longren, Joliet. Leonard Kill and Mrs. Kill had gone in advance, Sunday evening.

At Detroit the party was joined by the Cincinnati and Detroit delegations, making a full carload.

Troubles at Park Ridge.

It is reported several of the Park Ridge growers, who are all in a bunch, were in trouble Saturday and Sunday as a result of the heavy rain. Water got into the boiler-pits and put out the fires. It is said August Priebs was bady frozen. Wm. Passvogle had a narrow escape and Wm. Nieman, at Norwood Park, had a close call. Others had to pump to save themselves serious loss.

Virginian Narcissi.

Stollery Bros. have been cutting Narcissus princeps (Ajax) for a fortnight and are now marketing a nice lot, from bulbs grown in Virginia, by the American Bulb Co., from whom they took 25,000 narcissus bulbs last summer. They have done well and are small bulbs,

CARNATIONS

Fine Stock in Large Supply. Send US Your Orders

ROSES BULB STOCK

No order too large for us to handle and none too small to receive careful attention.
We have an eye to the future. **Write, Wire or Phone—Today.**

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Over 40-inch, select	$6.00 to $8.00
36-inch, select	5.00
30-inch, select	4.00
24-inch, select	3.00
18 to 20-inch, select	2.50
15-inch, select	1.50
12-inch, select	1.00
Short stem, select	per 100 6.00 to 8.00

ROSES	Per 100
Maid, Bride, Chatenay, select	$12.00
" " " first	10.00
" " " medium	$6.00 to 8.00
Sunrise, Perle, Gate, select	10.00
" " " " first	6.00 to 8.00
Richmond, Killarney, select	$25.00
" " first	$18.00 to 20.00
" " medium	12.00 to 15.00
Short stem Roses, good	4.00 to 6.00

Special long stem roses charged accordingly.

CARNATIONS	Per 100
Extra fancy Enchantress, Prosperity, Red, Lawson and White	$4.00 to $5.00
First quality	3 00
Split and short stems	1.50 to 2.00
Harrisii	20.00
Rubrum Lilies	12.00
Tulips, Proserpine and yellow	5.00
Tulips, white	3.00

	Per 100
Narcissus	$3.00
Daffodils	5.00
Romans	3.00
Valley	4.00
Violets	$0.75 to 1.00
Mignonette, large spikes	6.00 to 8.00
Stevia	2.00
Adiantum	1.00 to 1.50
Adiantum, fancy Croweanum	2.00
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings	each .50 to .60
Ferns	per 1000 2.50
Galax	per 1000 1.50
Leucothoe	1.00

Subject to change without notice.

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

Mention The Review when you write.

so that little space is occupied, but the fact that only one flower per bulb is produced makes it questionable if they are more profitable than the best double-nosed Holland bulbs, which can be had at about the same cost, laid down in Chicago. "Big Pete" Sroczyiski, on Harding avenue, also took 25,000 narcissi from the same lot as the Stollery's, but has not done well with them. His soil is heavy; the Stollery's light. Also, he has grown them warmer than did Stollery Bros., and a large proportion came blind.

Various Notes.

It is reported that H. F. Halle, who long has contemplated opening a store on the north side, would like to start in the building on North Halsted street recently erected by Albert Fuchs, in which there is a fine corner store; and Mr. Fuchs would like to have Mr. Halle for a tenant. The hitch comes in that when Mr. Fuchs leased his old stand to Henry Koropp for fifty years a clause was inserted that no other store on the property was to be let for florists' purposes. Mr. Koropp says he will stand for his rights.

Joseph P. Brooks, who has the George Harrer place at Morton Grove, has a fine white sport of Enchantress. He grows The Queen, Lawson, Nelson Fisher, Crusader and Enchantress. The stock is in fine shape and there is a heavy crop nearly ready.

Joseph Foerster, of George Reinberg's, reports having taken a single order for 10,000 unrooted cuttings of the standard varieties of carnations.

H. Wehrman, at Maywood, is perparing to build three new houses, each 26x150, and modernize two old ones. He will replace his hot water system with steam. He grows carnations, shipping to E. C. Amling.

February 1 J. H. Grohosky will open a retail store at 1319 Sheridan road, Irving Park. He will do business as the North Shore Flower Shop and will have the backing of his father's greenhouses at 1334 Wolfram street.

The Horticultural Society will make another attempt, January 30, to elect officers. It is stated that President E. G. Uihlein is willing to accept reëlection, but that W. N. Rudd feels he has earned a rest as secretary and treasurer.

Bassett & Washburn report a great run on rooted cuttings of the white carnation, The Queen, but note that practically every order is from the east. They have sold all the cuttings of this sort they can root in the next six weeks.

Adam Zender says both rose and carnation crops are away below what they should be and that the health of the plants is so weakened by the bad weather that he sees little prospect of a profit this year. He is cutting 3,000 a week fewer roses than a year ago. Fortunately, he does not specially "need the money."

Mike Fink, at Twenty-second and Cottage Grove avenue, has given up the idea of selling out. His father wants to take him into the growing end but Mr. Fink says he cannot get a fair price for his business because would-be buyers are afraid of the high rents in that neighborhood. Nevertheless, he is having a good trade and making money steadily.

N. J. Wietor says that his firm will this year confine its investment in new carnations to 1,000 each of Aristocrat and Winsor.

C. W. McKellar has added cyclamen plants to his repertoire, one of his growers having a fine lot to dispose of.

A. Elberfield and his wife, of Kansas City, were in town last week on their wedding trip.

Kennicott Bros. Co. expects to begin moving the latter end of this week to the new store at 48 Wabash. The improvements in the building, made for their benefit, are nearly completed.

Wietor Bros. say they find To-bak-ine the best nicotine extract for spraying purposes.

Prof. A. C. Beal was up from Urbana last week to push along the work for an appropriation for experiment greenhouses at the state agricultural college. The matter will be before the legislature in March.

J. P. Foley is doing a fortnight's term of jury service, his first experience in that line.

Henry Payne, at Hinsdale, has put up a new propagating house and is rooting carnations, and mums later, on a liberal scale.

E. H. Hunt has opened a new line of Japanese ware and added to the assortment of glassware. Orders for Easter are stated to be coming in well.

The annual carnation show of the Chicago Florists' Club will be held February 14. Bring your best blooms.

The A. L. Randall Co. is receiving some fine white lilac from Emil Buettner.

A. L. Vaughan calls attention to the excellence of the single violets this week.

IN THE TWELVE MONTHS OF 1906 OUR GROSS SALES INCREASED OVER

$20,000

AS COMPARED WITH 1905--AND 1905 WAS UP TO THIS YEAR CONSIDERABLY THE BEST IN OUR TEN YEARS OF STEADY PROGRESS

To us the continued increase in our business—an increase faster now than at any time in our experience—is the best of evidence that

WE ARE RIGHT

in our methods of conducting our business. It **proves** we are giving **satisfaction** to both seller and buyer. We **must** have them both in our business.

Many times we have been tempted to branch out—but second thought has convinced us that it is to our best interests (our interests are the same as those of our shippers and customers) to devote all our time, energy, ability and ambition to pushing one line.

ONE IRON IN THE FIRE AT A TIME IS ALL ANY MAN CAN KEEP HOTTEST

We believe ours is the only wholesale Cut Flower house in the west that has no side lines to take up time and attention. Nothing but the one idea of handling to the best advantage, every flower received—passing the stock on to the retailers in such shape that it gives the best of satisfaction, and at the same time brings the grower its full value.

OUR PURPOSE

has been, is, and will be, to carry a full line of Cut Flowers—everything the market affords. To maintain our reputation for handling the best average grade of stock in this market. To deal on the most conservative business principles and treat every shipper and every buyer so fairly and squarely that 1907 will show another handsome increase in sales of Cut Flowers alone.

SHALL BE GLAD TO HAVE YOU WITH US

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO

32-36 Randolph St., CHICAGO

Long Distance Phones, 1978 and 1977 Central. Automatic 7846

WHITE LILACS Now Ready $1.50 per Doz.

This is one of our leading specialties—supply large—quality superb.

JONQUILS YELLOW TULIPS

Plenty **Carnations** for McKinley Day, January 29. Push it along. You can count on us for all the **Violets** you will need for St. Valentine's Day, February 14. Finest Hudson River stock. Big, dark blue. **Roses, Valley, Lilies** and all other seasonable stock in large supply.

FLORISTS' SUPPLIES

WE HAVE A BRIGHT, NEW COMPLETE STOCK.

Send us an order today for any article on which you may be running low. You will find **all your needs** illustrated and priced in our New Catalogue. If you haven't it hung on a nail beside your desk, a postal card will bring it to hang there.

A. L. RANDALL CO.

19-21 Randolph St., CHICAGO

Mention The Review when you write.

He says it is the first time this season they have been preferred to the best Hudson river stock.

W. N. Rudd sends all his carnations to the E. F. Winterson Co., loose, packed 100 in pasteboard boxes instead of being bunched. All breakage is avoided and Mr. Rudd thinks the better condition of the stock amply repays for the little extra work.

L. Coatsworth has spent several days at home, ill with a cold.

Poehlmann Bros. Co. have been experimenting with the keeping quality of carnations as the result of a complaint of flowers arriving sleepy. A box of 100, four varieties, was packed and wrapped as for a long shipment and the box stowed away under a counter for two days. When opened the flowers were fresh and kept two days longer in a pot of water. In nearly every case sleepy flowers may be laid to heating in transit.

DETROIT.

The Market.

Weeks, yes, months of damp, cloudy, changeable weather have carried off many old people through grip, pneumonia and lung troubles. This has created an unusual demand for funeral work, taxing the store men's resources to the limit. At times were it not for that godsend, the galax leaf, it would be a hard matter to fill orders. Many parties, weddings and gifts for the sick are also drawing on the market and, although considerable stock arrives despite the unfavorable weather, the demand usually exceeds the supply.

Beauties are nearly out of the question. Good Brides are quite plentiful; pink and red are scarce. A few fine La Detroit arrive, but are bought up at once. The prices on roses are from $6 to $14.

Carnations are cleaned up well, except the deep pink, and even these do not go to waste. Enchantress carnations are in great demand. Lilies are scarce. Valley is used in large quantity and sells at $3 to $5. Paper White narcissi are used extensively, as also are Roman hyacinths.

Tulips have put in their appearance, but, excepting white and some pale pink, do not sell well. Violets sell fairly well. The eastern violets are too high priced for this market at this time of the year.

With but a few weeks in which to prepare for Easter, and the weather man reluctant about helping the florists, chances are that there will be a scarcity of stock. Of azaleas, roses, miscellaneous plants and bulbous stock, no doubt there will be enough, but lilies will, no doubt, be scarce. The plants are low and in most cases far behind.

Club Meeting.

The regular meeting of the Detroit Florists' Club was held January 16, with an unusually large attendance. Henry Raus, Richard Went and Henry Becker were elected to membership. The application for membership of Louis F. Tossy was received.

George Rackham made a motion that in case of the death of a member or one of his immediate family it be left in the hands of the president, secretary and treasurer to send a floral emblem, the same to bear a card expressing the club's sympathy. This was approved. The treasurer's report showed a neat little balance at the bank.

E. A. Scribner was given a vote of thanks for a paper, "The Trials and Tribulations of Detroit Florists." Quite a lengthy discussion followed, during which all of the old troubles were rehashed, such as slow accounts, boarder plants, price cutting, etc., with the final decision that there is no remedy for these trials, and if there were, others equally as bad or worse would arise.

Owing to Thomas Brown's absence O. A. Stoll was appointed a member of the exhibition committee. This committee is making arrangements for a carnation show for February 6. Outsiders are requested to send any novelties they may have. Address in care of the Michigan Cut Flower Exchange.

The entertainment committee received instructions to arrange for a ladies' night in February. Chairman William Brown is a hustler and, judging from the smile on his face, he has a surprise in store for us.

Michigan Cut Flower Exchange.

The Michigan Cut Flower Exchange has been incorporated, with the following stockholders: Philip Breitmeyer, Fred Breitmeyer, William Dilger and Robert Rahaley. The papers have just come back from Lansing and, upon Mr. Breitmeyer's return to the city, officers will be elected.

Starting in business some five years ago in a small basement at 26 Broad-

TRADE MARK REGISTERED MAY 1902
THE CONQUEROR BRAND
CONQUEROR

The Conqueror Brand
Est. 1899

EXPANDING

On or About February 1, 1907

The National Floral Ribbon House

Will Remove to its New and Commodious Quarters

AT 550 BROADWAY, NEW YORK

With the added space and facilities for handling our rapidly growing business we hope to merit your continued support and hereby thank the florists of America for their past patronage.

Write for samples of a gorgeous **New American Beauty Ribbon,** a decided novelty not listed in our catalogue.

Complete catalogue of Ribbons and Chiffons upon request

WERTHEIMER BROS.

THE NATIONAL FLORAL RIBBON HOUSE

463-467 Broadway, NEW YORK CITY

Mention The Review when you write.

way, with a few hundred dollars capital, business dragged for a time. A cut flower commission house was a new venture in this vicinity and the growers, as well as the retailers, hung back for a time, especially as it was under control of a retail florist. But everything was run on the square from the start and this, coupled to Mr. Breitmeyer's good credit, soon put life into the business. It was not long before they outgrew the small quarters and moved to the present location, a light, spacious basement at 38 and 40 Broadway. Here will be found every known facility for handling the cut flower and supply business. They number among their consignors many of the best growers in this vicinity.

Philip and Fred Breitmeyer need no introduction. William Dilger, the manager, is also well known to the trade. Robert M. Rahaley has been with the firm as bookkeeper and general utility man for some time and, through good business ability and hard work, has climbed up the ladder and is now acting manager, as Mr. Dilger is busy elsewhere.

Various Notes.

Ed Beard suffered a severe attack of grip at Christmas and, although up and around at times, he has been ailing ever since.

A neat little pin in the shape of a rose leaf bearing the initials L. S. A. F. will identify the members of the ladies' auxiliary of our national society. Although in its infancy, there are already over thirty members enrolled.

Charles H. Plumb is contemplating the erection of a new range of about 25,000 feet of glass this spring. The two large boilers installed in 1905 have ample heating capacity to take care of this extra glass. Some roses and carnations are grown by Mr. Plumb, but at present he goes more extensively into bulbous stock and blooming plants. A large batch of lilies is coming on nicely for Easter. No more Harrisii lilies for this concern. Sixty per cent are a loss. Mr. Plumb has a fine sport of Enchantress of a Lawson color.

Philip Breitmeyer went on a southern trip last week in the interest of the park board.

J. F. Sullivan has a large batch of multiflorum lilies coming along, although they cannot afford to lose any time. A house of Killarney roses shows up finely. Paper Whites are being used extensively in Detroit this season and Sullivan's have a whole houseful to fall back on.

F. Holznagle, of Highland Park, is seldom seen at the club meetings or about Detroit, for he is an exceedingly busy man. Besides being president of the village, he has a large range of glass to look after. At one time everything was strictly wholesale, but with fine residences springing up all around him, Mr. Holznagle has a rapidly increasing retail trade. The modern houses, erected last summer, are devoted to carnations. The old houses are being gradually remodeled, cement benches being used throughout. The boilers are housed in a spacious, light, brick building, having besides the boiler room a capacity of about 100 tons of coal. A neat washroom is provided for the help. A 100-foot brick stack, bearing the sign "Roses," attracts attention from a distance.

B. Schroeter furnished the flowers for the family at the funeral of the late Frederick Stearns. These included a cover of valley and white roses and a large wreath of orchids. Orchids are becoming more in vogue in this city and Mr. Schroeter's large collection is bringing him some nice returns.

John Breitmeyer's Sons furnished the decorations for the Boyer-Backus wedding. This was one of the swell affairs of the season and the decorations were very elaborate, each room being decorated in a different color.

A gale visited this city January 19 and took with it one of the large show windows in John Breitmeyer's Sons' store. The nightman immediately closed the opening with carpets, so not much damage was done.

The J. C. Moninger Co. has the contract, and has already drawn plans, for a house 65x100 to be erected for August Von Boeselager, at Mount Clemens. The house is to be devoted to carnations. Nine solid benches with sides of cement and tile will be used.

H. S.

ARDMORE, I. T.—Violets are in bloom here and traveling men are sending boxes of them back to their friends in the north.

BURLINGTON, N. J.—The greenhouse on Grant street, formerly managed by J. Franklin Hunter, has been sold to W. Lloyd Sholl, who will enlarge and continue the business.

Our JANUARY SPECIALTIES----

AMERICAN BEAUTIES, the finest in Philadelphia
CATTLEYAS and WHITE CATTLEYAS, very choice
SINGLE DAFFODILS, in quantity
WHITE LILAC

THE BEST OF EVERYTHING IN THE MARKET

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

"We are great growers, the sun and we, especially the sun." Every grower felt the truth of these words last week, which was absolutely sunless. Possibly we were not so badly off as in Pittsburg, where even daylight was missing for thirty-six hours, so we are told. But at any rate, production was cut down, and with an increased demand the market improved, prices stiffening decidedly on roses. This week the improvement continues, and, with the aid of the blessed sun, we are getting more flowers, of decidedly better quality. Quotations are rather deceptive now, for, while prices on poor stock, which is plentiful, are low, figures paid for really fancy tea roses are often considerably above those listed. Valley is in good demand; the advent of the new crop gives us better bells, though the stems are not yet especially long. Freesia is fine, the pure white averaging better prices than the yellow, or perhaps it would be fair to say, yellow-splashed flowers. Lilac is selling well; the fancy grade can now be seen at some of the commission houses. Fancy mignonette is in better demand than the ordinary stock. Violets at market prices are now in good demand. Tulips have made their appearance in quantity, Yellow Prince reinforcing La Reine this week. An important addition to the daffodil class is Golden Spur, which is very good. Southern grown plumosus and Sprengeri are now the best in the market.

Gardenias.

There is an old saying that no man is a prophet in his own country, but if Phil can help it, the achievement of Alex. B. Scott in producing gardenias in quantity during midwinter shall not pass unnoticed. For many years this has proved an impossible task, but Mr. Scott has at last cut the gordian knot. It is freely admitted by at least four of the best gardenia growers in the country, who have visited Sharon Hill, that Mr. Scott's house is in advance of anything yet seen in this country. The flowers, which are of excellent quality, have been seen at the S. S. Pennock-Meehan Co. and at Edw. Reid's in quantity, since Christmas. Mr. Scott deserves the hearty congratulations of all flower lovers on his difficult achievement.

THE Florists' Supply House of America

WE HOLD OUR POSITION BY THE NEWNESS OF OUR GOODS.

Our NEW CREPE PAPERS

These come in BLENDED SHADES, very soft and pleasing, in great variety. ORDER NOW. Both Plain and Waterproof. These Crepes will be all the style at Easter.

Our New Baskets

We have some novel styles. Covers for large Bowls, Pots, etc.
Also Baskets of many unique designs that will appeal to your best customers.
GRASS HEADS of every description — they are always popular.

OUR EASTER STOCK IS ARRIVING

Our catalogue is free.

H. BAYERSDORFER & CO.

We are close to both railroad terminals. **1129 Arch Street, PHILADELPHIA**

Mention The Review when you write.

The Ferns at Dreer's.

James T. Clark was ready at the time appointed to show Phil the fern department at Riverton, a department of prime importance, where the stock is practically entirely home-grown and is offered in every size, from seedlings in flats to perfect specimens in large pots.

First, just a word about Mr. Clark, whose knowledge of ferns, virtually but two years old, now places him in the front rank. Second only to knowledge, he has pluck and push, indispensable adjuncts where results are to be attained. The fern houses were in fine condition, every bench full of good stock, something to be proud of just after such brisk demand. Among nephrolepis five varieties are planted out for stock: Bostoniensis, still considered an important factor; Scottii, Elegantissima, Barrowsii, and Whitmani, classed as the best of the fancy-leaved types. A single plant, now divided, of the English variety, Todeaoides, was an object of interest. This sort, as its name implies, resembles a todea. This variety may be seen in Horticultural hall, Fairmount park. It is a pretty thing. The quantity of each variety grown for stock proves that a steady demand is expected for some time to come. It is stated that at present market prices it is more profitable to buy nephrolepis in small sizes than to grow one's own stock, while well-grown plants in the larger sizes are always in demand. It is only by handling such large quantities that the 2¼-inch sizes can be profitably grown at prevailing prices.

The stock of ferns for ferneries is

LILAC, = = per bunch, $2.00 | CATTLEYAS, = per 100, $50.00
WHITE VIOLETS, per 100, 1.50 | GARDENIAS, = " 35.00
CUT BOXWOOD, 15c per lb. in cases, (50 and 100 lbs.)

We Have an Exceptionally Fine Stock of..... **Well Rooted Carnation Cuttings** From the Best Growers, As Follows:

	Per 100	Per 1000
Craig	$5.00	$45.00
Victory	5.00	45.00
Haines	5.00	45.00
Peary	3.50	30.00
Bountiful	3.00	25.00
Enchantress	$2.50	$20.00
White Lawson	2.50	20.00
Harry Fenn	2.50	20.00
Lawson	2.00	15.00
Queen	$2.00	$15.00
Cardinal	3.00	25.00
Flamingo	3.00	25.00
Eclipse	3.00	25.00

S. S. PENNOCK-MEEHAN CO.
THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

BEGONIAS

PINE, LARGE, PLUMP BULBS JUST RECEIVED FROM BELGIUM.

	SINGLE Doz.	100	1000	DOUBLE Doz.	100	1000
Orange	40c	$2.75	$23.50	65c	$5.00	$40.00
Scarlet	40c	2.75	23.50	65c	5.00	40.00
Pink	40c	2.75	23.50	65c	5.00	40.00
White	40c	2.75	23.50	65c	5.00	40.00
Yellow	40c	2.75	23.50	65c	5.00	40.00
Mixed	35c	2.50	22.00	50c	4.00	35.00

GLOXINIAS

These should be planted now to have fine large plants for Easter sales.

	Doz.	100	1000
Red and Scarlet	60c	$4.00	$35.00
Blue	60c	4.00	35.00
Bordered Scarlet	60c	4.00	35.00
Bordered Blue	60c	4.00	35.00
Spotted	60c	4.00	35.00
White	60c	4.00	35.00
Choicest Mixed	50c	4.00	35.00

DIELYTRA (BLEEDING HEART) FOR FORCING

This makes a most saleable plant for church decorations and there is nothing that forces more quickly and with greater ease. **Strong, heavy clumps,** a mass of flowering eyes, **75c** per doz.; per 100, **$5.50; $52.50** per 1000.

Timely Flower Seeds (THAT IS TO SOW NOW)

	Trade pkt.	Oz.
ALYSSUM Little Gem—We have the real dwarf type for pot culture and bedding	10c	$0 30
LOBELIA Crystal Palace Compacta, the best type for bedding	30c	1.50
PETUNIA Grandiflora Fringed Single, in mixture, containing the brightest colors, ½ trade pkt., 30c	50c	
PETUNIA Double Fringed and Hybridized Mixture, will yield a large per cent of double flowers, 500 seeds, 75c; $1.50 per 1000 seeds.		
SALVIA BONFIRE, dwarf compact variety, seed selected from specimen plants	40c	2 50

NOTE The above varieties of flower seeds are only a few specials from our very large list. Our new **Wholesale Catalogue** is now ready. It will pay every florist to have a copy. Write for it today.

HENRY F. MICHELL CO.
1018 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

large and varied. There are large numbers of all the best sorts. Among them the pteris family, of course, figures prominently, in 2¼-inch pots, with some of the more popular kinds in 3-inch and even in 4-inch pots. Several varieties of cyrtomiums are grown. The business of selling these ferns in flats is increasing rapidly. Commenting on it, Mr. Clark thought it profitable and believed small ferns at the low market prices were more profitable than Adiantum Farleyense in 6-inch pots at $1 each. This is significant when the fine quality of the A. Farleyense grown here this season is considered. The aim in these small ferns is to be able to fill an order for 100 varieties at any time. This can undoubtedly be done now, though were it not for the labels it would take a pretty bright man to pick and name them correctly.

Cibotium Schiedei and Adiantum Ferleyense have yielded their choicest specimens to the holiday buyers. There are some plants of each rounding into form. A nice batch of Nephrolepis Scottii in 6-inch pots suspended from the rafters were ready to offer, while a block of Whitmani in the same size on the benches showed how this variety ought to be grown. Better go and see them.

Various Notes.

W. E. McKissick, who is receiving a nice lot of Asparagus plumosus and Sprengeri from the south, says that he finds tnat the southern grown sprays of the last named variety will keep over twice as long as the greenhouse-grown stock.

John C. Andre, of Doylestown, is adding a new boiler and will make other extensive improvements to his plant.

Myers & Samtman, of Wyndmoor, will rearrange their place so that it will hold 30,000 American Beauty roses next season. This will be nearly 4,000 more than at present.

Victor Groshens, late of Logan, is for the time being in charge of the greenhouses of the estate of Albert Woltemate.

S. S. Skidelsky has received many letters of congratulation on his able paper read before the Florists' Club New Year's day. The interest in his subject is general.

F. & H. Mergenthaler have some carnations on their Washington Lane place that reflect credit on the grower, Lockman.

Eugene Bernheimer is receiving the congratulations of his friends on the arrival of a dear little stranger laddie.

Alex B. Scott is recuperating at Summerville, S. C.

Edward Reid says that his judgment in recommending the New York violet is being fully justified. Mr. Reid reports an increased demand for gardenias. No wonder!

M. Rice & Co. report an unusually brisk demand for Easter specialties. This has started so early that there has been no cessation since Christmas.

Through an error, the number of American Beauty rose plants to be planted by the Florex Gardens in their

BEST ROSES

KILLARNEY, RICHMOND, BRIDESMAID, BRIDE
and a full line of CUT FLOWERS of all kinds.

CARNATIONS FOR McKINLEY DAY

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

mammoth house read 25,000 instead of 35,000.

H. Bayersdorfer & Co. have their new show tables in position. The first to be filled displayed some beautiful samples of the fancy or Grecian toneware.

Thomas Meehan is receiving exceptionally fine Beauties bearing the trademark Double H Double B stamped on the foliage. PHIL.

Carnation Night in Philadelphia.

The next meeting of the Florists' Club of Philadelphia will be Carnation night, the date of which is Tuesday, February 5. John E. Haines, the carnation expert of Bethlehem, Pa., will deliver a paper on his experiences with carnations.

Exhibits of all meritorious novelties are invited by the committee in charge and it is to be hoped all the very best will be on hand, so that the progressive florists of Philadelphia—the horticultural center of the country—may have an opportunity of examining them carefully, and as a consequence placing their generous orders for those which meet their fancy. Please ship prepaid care David Rust, Horticultural hall, Broad street above Spruce, Philadelphia, Pa., and they will be properly taken care of upon arrival. It would be better to forward them a day sooner than is sometimes thought necessary, so that they may be sure to arrive on time, as on former occasions some shipments from a distance have been delivered a day late.

All interested in carnations are invited to be present, whether or not they have superior varieties to exhibit.

EDWIN LONSDALE, Sec'y.

ST. LOUIS.

The Market.

The cut flower trade has remained steady during the last week, although the weather was disagreeable. No sunshine and plenty of rain shortened up the supply of roses and violets. Prices remain about the same as quoted last week. Quite a lot of society work was made up among the uptown florists; also considerable funeral work was reported at the downtown florists'. At the wholesale houses Monday morning carnations were plentiful and at reduced prices in large lots. Stock is all of fine quality.

Roses were not plentiful. Beauties are scarce in all grades. The same may be said of Bride, Maid, Richmond and others. There are more violets than the demand calls for. Should we have bright weather this week a big glut in Californias may be looked for and prices will go begging in all grades. Bulb stock has been in fair demand all of the week. This stock has been plentiful and is yet, especially in Romans and Paper Whites. Freesias are coming in, but not many. Valley has been a good seller up to a week ago, but is dragging at present. There are plenty of greens.

Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stem	$6.00
30-inch	4.00
24-inch	3.00
20-inch	2.50
18-inch	2.00
15-inch	1.50
12-inch	1.25
Short	$ .75 to 1.00

	Per 100
Maid and Bride	$6.00 to $12.00
Uncle John	6.00 to 12.00
Chatenay	6.00 to 12.00
Liberty	6.00 to 12.00
Richmond	6.00 to 12.00
Sunrise	6.00 to 12.00
Perle	6.00 to 8.00
Golden Gate	6.00 to 12.00
Killarney	8.00 to 15.00
Ivory	6.00 to 12.00
ROSES, our selection	6.00
Carnations	3.00 to 4.00
Valley	4.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas, per doz.	2.00 to 3.00
Harrisii, "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	2.00
Galax, "	1.00

Mention The Review when you write.

Various Notes.

F. J. Farney, representing the A. L. Randall Co., Chicago, was here last week with a full line of florists' supply samples, displaying same at the Hotel Jefferson.

A. J. Bentzen, of the Bentzen Floral Co., bought a strip at Grand avenue and Herbert streets, where the company will build a store for retail business.

Frank M. Ellis left last week Thursday for his future home in Panama. Before leaving Frank called and ordered the REVIEW sent to him in order to keep in touch with the doings in the trade.

President Irish and all the officers of the Florists' Club held a special meeting last week at the Hotel Rozier and decided to continue the plan to complete the flower show fund by the February meeting.

The St. Louis Horticultural Society held a meeting at the Hamilton hotel Tuesday of last week. This was to have been its annual meeting, but only ten members responded and as it takes thirty

Wietor Bros.

51 Wabash Avenue,
CHICAGO

Current Price List

AMERICAN BEAUTY	Per doz.
Extra long stems	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
18-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.00
8-inch stems	.75

	Per 100
Brides, fancy	$10.00 to $12.00
" good	5.00 to 8.00
Bridesmaids, fancy	10.00 to 12.00
" good	5.00 to 8.00
Liberty, fancy	10.00 to 12.00
" good	5.00 to 8.00
Richmond, fancy	10.00 to 12 00
" good	5.00 to 8.00
Chatenay, fancy	10.00 to 12 00
" good	5.00 to 8 00
Uncle John, fancy	10.00 to 12.00
" good	5.00 to 8.00
Perle	6.00 to 10.00
Roses, our selection	5.00
CARNATIONS, Good	3.00
" Fancy	4.00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly. No charge for packing. Prices subject to change without notice.

Mention The Review when you write.

CARNATIONS

Give McKinley day a boost in your local advertising—and order your stock of us—we shall have plenty—no advance in prices for that day.

VIOLETS

Best Hudson River stock. Largest supply in this market. Valentine's day is coming.

ALL OTHER STOCK IN SEASON.

VAUGHAN & SPERRY,

58-60 Wabash Ave., CHICAGO.

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	6.00 to 12.00
Chatenay	6.00 to 15.00
Killarney	8.00 to 15.00
Roses, our selection	5.00
CARNATIONS	2.50 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
" single	.75 to 1.00
Harrisii Lilies, doz., $2.00 to $2.50	
Callas " 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00
Jonquils	5.00 to 6.00
Sweet Peas	1.00 to 1.50
Tulips	4.00 to 5.00
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum, per 100,	1.00
Ferns, common, per 1000,	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood, 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

WILD SMILAX

LARGE SUPPLY CONSTANTLY ON HAND.
FINE QUALITY. LARGE CASES ONLY.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 CHICAGO

Mention The Review when you write.

for a quorum, only an executive meeting was held and it was decided to hold a spring flower show, with full details to be made known later. The month of March was set for the exhibition.

John Connon, of Webster Groves, will build a large building at the corner of his place to be used by the government as the Webster Groves post-office.

Mary Ostertag has moved her store from Grand avenue and Olive street to Olive street and Vandeventer avenue, the old stand to be wrecked and replaced by a large office building.

The St. Louis Palm Co., doing business at 1010 Olive street for some time, has gone out of business.

C. A. Kuehn, A. Y. Ellison and J. J. Beneke bowled last week in the city tenpin tournament and are well up in the race for prizes.

The trustees of the Florists' Club met and have decided on the prizes for the carnation show at the next meeting, February 14. The awards will be $5 and $3 for first and second in twenty-five each red, light pink, rose pink, dark pink, white and variegated, with $2 for third best red. The prizes are only open for local growers and club members. The exhibition part is open to all growers who have new varieties to introduce. The trustees will make an effort to reach every member of the club and request his attendance on this occasion. This exhibition and meeting will be held in the Burlington building, 810 Olive street, eighth floor.

Phil. Breitmeyer, as park commissioner, and his secretary, M. D. Hulbert, of Detroit, spent Monday, January 19, in St. Louis in company with Commissioner Robert Aull, Secretary Duffy, Superintendent Ostertag and J. J. Beneke. After visiting Mayor Wells and other heads in our city departments, a visit to the different parks was made in an automobile. The party left on the 8:30 Wabash train, each having in his possession a Teddy bear to take home as a souvenir. J. J. B.

TWIN CITIES.

The Market.

For the last few weeks we have had mild weather, but cloudy all the time; consequently little stock has been cut. At present, however, we are experiencing our first really cold weather, the thermometer registering 12 degrees below zero with a high wind blowing, but there is plenty of sunshine, which will work wonders as long as it lasts.

Stock is still scarce and good stock is practically impossible to get. The prices on this account rule high. None of the dealers is selling roses for less than $1.50 per dozen and good roses at $2 and $2.50 per dozen. Carnations are only fairly plentiful, although a great many splits are on the market. There is a scarcity of white varieties. Bulbous stock falls in nicely. Violets are an uncertain quantity. Some days shipments will arrive in splendid condition and the day following they will reach us in a very inferior state. Mignonette has made its appearance, but the demand is light.

Sunday morning business seems to about equal sales of any ordinary day, deliveries with the larger retailers being heavy and, in some cases, they are busy right up to closing up time, which is 1 o'clock.

Minneapolis.

A visit to the E. Nagel greenhouses finds stock in good condition and good average cuts being made on roses and carnations. Mr. Nagel says that his section of the city has grown so fast in the last few years that he does not find it necessary to have a store downtown. In addition to his greenhouse business, he is now engaged in the manufacturing of wood plant labels.

The Twin City Pottery Manufacturing Co. seems to be in a flourishing condition. All of the growers in the twin

La Reine Tulips ARE FINE

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality.

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 6.00
Valley	"	3.00 to 5.00
Violets	"	1.00 to 1.50
Peas	"	1.50
Romans	"	2.00 to 3.00
Paper White	"	3.00 to 4.00
Tulips	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50 "	.20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones **CLEVELAND, OHIO**

cities are patronizing it as liberally as possible. For a number of years we had no means of getting pots, only as we had them shipped in. Now a telephone order will bring them.

Miss H. B. Whitted states that trade has kept up nicely. Funeral work has been the main feature. She complains of the poor stock on the market.

Carlson & Swanson seem to have been fortunate so far this season in having good cuts of roses. Their Maids and Brides are fine.

Will & Son have been cutting some fine carnations, which find a ready market with one of the largest retailers.

St. Paul.

E. F. Lemke is cutting some fine Enchantress and Lawson. Trade, he says, has been quite active the last week.

Holm & Olson are gradually getting their large store in good shape. Owing to the immense space it covers, they were compelled to order a number of new fixtures, which had to be made to order, and which delayed them to some extent. They report trade as being good, especially in funeral work.

C. F. Vogt has done well the last week, having turned out more funeral designs than in any week for some time. His designs for the Heck funeral were artistically made up, all large pieces.

FELIX.

WILKES-BARRE, PA.—About $100 damage was done to the greenhouse of Ira G. Marvin January 14 by fire which originated in the boiler-room from an overheated drum.

CLEVELAND.

The Market.

The market the last week was on the clearing point. Carnations were more scarce than expected and brought $4 to $5 per hundred. Roman hyacinths and Paper White narcissi were flooding the commission houses and were bringing usual prices. Violets are plentiful and sell for $1.50 per hundred. Tulips are coming in, but not much can be said in their favor as yet.

Various Notes.

A trip to the establishment of the Storrs & Harrison Co. found many things of interest to the trade. They have an immense lot of roses in small pots for their spring trade. Ed George showed me a lot of tree Baby Ramblers, grafted on standards. These make a nice summer ornament. He also has some on Manetti, which make a stronger and bushier growth than is seen generally. Their palms are good and I don't think they can be beaten. This firm also imports an enormous lot of hardy azaleas and rhododendrons, for which they find a ready sale. Whitmani ferns are grown here on a large scale and are in fine shape. Mr. George spoke of remodeling one-half of their entire establishment the coming summer.

Oscar Theile, of Eddy road, has purchased some property on the outskirts of the west side and it is said he will erect a new establishment.

Bate Bros. have one entire house devoted to sweet peas. Some of the best Asparagus plumosus which comes to the Cleveland market is here seen in abundance. Bate Bros. are making preparations for a large stock of roses the coming year.

Mr. Bartells, of Dover, O., has eleven 200-foot houses planted entirely to carnations. His place is what formerly was known as the Essex Greenhouses.

Mrs. Ella Grant Wilson is reopening her greenhouses.

Visitors the past week: C. Schwake, with Charles F. Meyer; C. B. Knickman, of McHutchinson & Co., both of New York. W. G. N.

NASHVILLE, TENN.

Current Comment.

January 1 witnessed many changes among the florists in this city and every move is an indication of prosperous business.

Miss E. Birn, for many years on Church street, has moved to Spruce street, near Broad street. A visit to her store shows that the place is well equipped to take care of the business. The large ice-box across the rear of the store is a beauty and the stock of pot plants and cut flowers is in excellent condition and tastefully arranged.

The Joy & Son Co. was obliged, by increased business and lack of room in the old stand at 600 Church street, to move to No. 601, directly opposite, which was done January 1. When the carpenters and painters have finished, this firm will have a store that Nashville will be proud of. The store will be finished in white and gold, with full glass front, the refrigerator running lengthwise of the

McKINLEY DAY, JANUARY 29

CARNATIONS

in good supply except reds. Let us have your order and you'll be pleased with the stock and our promptness in supplying all needs.

TULIPS

Now ready in good quantity, all colors.

VIOLETS

Shall have plenty for St. Valentine's.

Would like a share of your business

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36-inch	$5.00 to 6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Teas)	Per 100
Bride and Maid	$6.00 to $10.00
Richmond and Liberty	6.00 to 12.00
Golden Gate and Uncle John	6.00 to 10.00
Chatenay	6.00 to 10.00
Roses, our selection	5.00
CARNATIONS	2.00
" fancy	3.00
" extra fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	1.00 to 1.25
Violets, single	1.00
Harrisii Lilies, per doz.	2.50
Callas, "	2.00
Valley	4.00
Paper Whites	3.00
Romans	3.00
Tulips	3.00 to 4.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35
Adiantum, per 100	1.00
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



Headquarters

I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

CURRENT PRICE LIST

	Per doz.
ORCHIDS, a specialty.	
Dendrobium Formosum	$5.00 to $6.00
Cattleyas	6.00 to 7.50
Cypripediums	2.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	6.00
24 to 36-inch stems	4.00 to 5.00
15 to 20-inch stems	2.00 to 3.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory, Gate	6.00 to 15.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise, Perle	6.00 to 15.00
Roses, my selection	6.00
Carnations, large fancy	4.00 to 5.00
" good stock	3.00
Violets, double or single	.75 to 1.00
Harrisii or Callas, per doz.	2.00
Valley	3.00 to 4.00
Paper Whites, Romans	3.00
Tulips, Jonquils	3.00 to 5.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum, per 100,	1.00
Ferns, per 1000,	2.00 to 2.50
Galax, "	1.00
Boxwood Sprays, per bunch	.35
" " per 50-lb. case,	$7.50
Wild Smilax, case	$3.00, $4.00, $5.00

Subject to change without notice.

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building. Across the middle, from side to side, will be the showcases, with glass fronts. The windows will be extended outward four feet, making a swell front. Among the many designs ready for delivery last Sunday by this firm was a casket cover in which violets and lilies of the valley were used exclusively.

Still another firm to move is Geny Bros., who, after February 1, will occupy the whole of the present store, the tailoring establishment in the other half moving next door. They have been cramped for room and the change will be a welcome one to this enterprising firm.

C. A. Birn is building up a nice business at his stand on Broad street.

A. J. McBride has opened a retail store on Broad street, next door to C. A. Birn.

The State Fair Association intends to extend its list of prizes for this year, besides furnishing a special building for the horticultural exhibits. J. S.

DUNNVILLE, ONT., CAN.—L. H. Weaver intends building two carnation houses, 14x90 and 20x100 respectively, as soon as spring opens.

BOSTON.

The Market.

January is proving itself an almost sunless month. The last week has been an especially dark one and production has been seriously curtailed as a consequence. Cut flower prices have advanced sharply, especially in the case of roses, in which there has been almost a famine. These have brought Christmas prices and even more in the short-stemmed classes. Brides and Maids, which are usually procurable in quantity at $3 to $4 per hundred, advanced to $8 and the better grades sold as high as $3 to $4 per dozen. Beauties are scarce and the best have made $9 to $12 per dozen. Killarney continues popular and is being more and more used. Prices on this, as well as Chatenay, Wellesley and other sorts, are all much higher. Richmonds are proving great sellers and are far more used in funeral designs than Beauties. A few warm, clear days will cause a slump, but with continued dark skies high prices must continue. One prominent retailer is buying heavily in New York to offset the local deficiency.

Carnations are somewhat higher, but about enough are coming in for needs. Violets are not keeping up like other flowers; 75 cents seems to be top price, and a good many are disposed of at 50 cents per hundred, or even less. Singles still sell the best. Callas and Easter lilies are not overplentiful. Freesias sell well. Dutch bulbous stock never sold better. Prices on tulips and narcissi are good for the season. Fewer growers are bringing in Romans and Paper Whites and as a consequence ice-chests are not loaded with these as in former years. Some good mignonette and antirrhinum are seen. In the way of choicer flowers, gardenias are meeting with good sales at the better class stores and cattleyas, chiefly Trianæ, are being used a good deal for funerals. Cypripediums insigne and villosum are seen in quantity.

Various Notes.

A. A. Hixon, of Worcester, lectured at Horticultural hall January 19, his subject being "Peach Growing in New England." There were also short and practical papers on the same subject by Messrs. Morse and Parker. The papers and discussion occupied over two hours



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, **$2.50 per case.** The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

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Boxwood
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and were very interesting and instructive.

January 26 John E. Lager, Summit, N. J., will lecture at Horticultural hall on "Orchid Collecting," and is certain to have a large audience.

The new Begonia Gloire de Lorraine superba, shown by Farquhar & Co. at the club meeting January 15, is quite distinct from others of the Lorraine class. The flowers are double the usual size and are produced less densely on the plant. James Farquhar thinks it will usurp the place occupied by other forms and expects to have 10,000 plants of it next season.

M. A. Patten, W. Nicholson, S. J. Goddard and E. A. Peirce are among those bound for the Toronto convention this week.

Robert Cameron, who sailed for Jamaica December 26, was fortunately away from the earthquake zone before the calamitous disaster of January 14 occurred.

T. F. Galvin has been making a series of window displays of orchids at his Tremont street store which attract much attention.

A paper on "Road Construction" will be read at the next meeting of the Gardeners' and Florists' Club by Charles W. Ross, of Newton. The date is February 19 and other attractions will be announced later.

The present winter has proved an unusual one for overcast skies. January 17 it was below zero many degrees, with blizzardy snow. January 20 the temperature rose to 60 degrees in the shade and all snow disappeared. Carnation growers report an unusual amount of black spot as a result of the dark, damp weather.

Notice of the death of Mrs. R. C. Hooper, who died January 13, and of George F. Fabyan, who died January 18, will be found under "The Death Roll" in another column.

William Sim is having good success with James Wheeler's new violet, Boston, a sport from Princess of Wales, and it promises to become a popular commercial variety.

Peter Fisher's new scarlet carnation, Beacon, promises to be largely grown in this section another season. All who have seen it growing pronounce it a wonder. Rose-pink Enchantress and Winsor will be bought in quantity and more White Perfection will be grown. The last named has proved itself the best of its color to date.

Fire at the store of Penn Bros. early Tuesday, January 22, destroyed many fine floral designs prepared for a large funeral.

Peter Fisher is ill with rheumatism and was unable to go to Toronto, as contemplated.

Wednesday morning, with zero temperature, saw stocks scarce and prices high.

W. E. Doyle made some especially fine designs for the funeral of Mrs. R. C. Hooper January 16. W. N. Craig.

WAYSIDE NOTES.

The United States Cut Flower Co., of Elmira, N. Y., had a heavy crop of Beauties for the holidays. Richard King, the foreman, says demand was good and everything cleaned up. Richmond, Bride and Bridesmaid, in the second year, are yielding well and will be run another season. Solid beds with tile drainage are adopted with success. Carnation Lady Bountiful is a standard white, being an early and continuous bloomer. Lawson is fine and the best of its color, but Skidelsky's Rose-pink Enchantress is freer and

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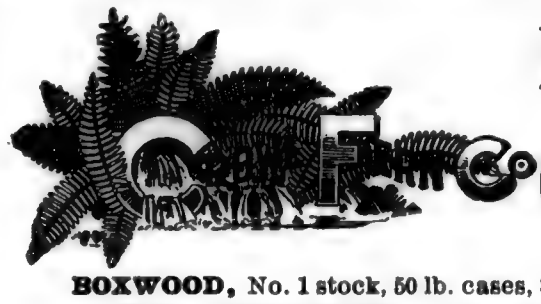
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bids fair to eclipse its parent. Harlowarden is the best crimson. The houses are regulation length, 200 feet. Additional glass will be erected in the spring to meet the increasing shipping business.

Alfred Patrick, of Auburn, N. Y., finished his new houses in time to take care of his holiday business. Poinsettias were the best sellers in pans and as combination plants.

W. J. Palmer & Son, at Buffalo, N. Y., had a great run on their Red Lawson carnation, both store windows being filled with this splendid variety.

A. H. Woeppel, of Corning, N. Y., reports the best business yet experienced and the sale of flowering plants on the increase. Part of the new range was turned into a showhouse and attracted a host of visitors.

W. A. Wettlin, of Hornellsville, N. Y., is making the contemplated change in his store, which will give a handsome frontage. Holiday business was encouraging. Here, as elsewhere, the high prices of cut flowers increased the sale of potted plants.

At the Kimball conservatories, Rochester, Colin Ogston has a great display of hybrid cypripediums, for some of which big figures are being offered by the British orchidists.

J. B. Keller's Sons, of Rochester, had a big run on the crimson azalea, which can be brought in at Christmas and is a good seller. Cyclamen and primulas in 6-inch and 7-inch pots sold well.

The Lake View Rose Gardens, at Jamestown, N. Y., had a heavy call during the holidays and are adding more glass to this mammoth plant.

F. A. Dorman, of Jamestown, says his business is getting beyond his capacity and contemplates making some change.

E. Worden intended making some change in his place before the rush, but was prevented by the illness of his partner who, we are pleased to report, has almost fully recovered.

One of the finest sights seen in early summer is a bed of tuberous rooted begonias which do splendidly in this high altitude.

There will be an unusually large amount of planting done this season along Lake Chautauqua, which is becoming a favorite resort with wealthy Pittsburghers.

Thomas Mansfield, of Lockport, says the Dietsch houses recently built are the best investment he ever made. He had a heavy crop of carnations for the holidays.

Gustave Bartholme, of Syracuse, will remove his plant to a nearby site, the land having become too valuable. He has the best location in the city for cemetery trade.

Harry Morris, of Syracuse, is of the opinion that poinsettias will continue to be the Christmas plant and he will work up a big stock for another season.

W. M.

BLUE SPRINGS, NEB.—Peter Maw has gone out of business.

This Issue of The Review Contains 96 Pages.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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DODGE CITY, KAN.—Mrs. G. M. Hoover has built up a good business, out-of-town trade being the best she has ever had.

ENCLOSED find $1 for one year's subscription to the REVIEW. I have been without it for a year and can't stand it any longer.—EDWIN P. PIERCE, Colorado Springs, Colo.

BUFFALO, N. Y.—The Humboldt park greenhouses are completed and now have a propagating system capable of turning out about 40,000 plants a year. The total cost of erecting and equipping the buildings was about $13,000.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By practical man; ten years' experience. Address Greenhouseman. Scott Floral Co., Denver, Colo.

SITUATION WANTED—By young man with experience as buyer for retail florist; good designer and decorator; can furnish reference. Address No. **45**, care Florists' Review, Chicago.

SITUATION WANTED—By a young man; three years in commercial place; can furnish reference; wishes position in private or commercial place. Address No. **46**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman by a practical grower of roses, carnations, mums, palms, ferns, etc.; forcing of bulbs; capable of taking entire charge of a large modern plant; first-class references. Address Florist, 284 E. Ohio St., Chicago.

SITUATION WANTED—As head gardener or superintendent of a gentleman's estate where a man of executive ability as well as a lifetime training in all branches of horticulture would be appreciated; aged 45 and unincumbered. Address No. **25**, care Florists' Review, Chicago.

SITUATION WANTED—By good all-round man under glass and out-door gardening; flowers, lawn, shrubberies and vegetables; 20 years' experience in all branches; private place preferred; good references. Address No. **28**, care Florists' Review, Chicago.

SITUATION WANTED—As manager of a good size establishment where a man of wide experience is desired; familiar with catalogue work and could control considerable trade; correspondence solicited. Address No. **24**, care Florists' Review, Chicago.

HELP WANTED—Good single man for retail place of 800 feet of glass in northern Indiana; must be good grower of roses and pot plants; give reference and wages expected with board and room. Address No. **47**, care Florists' Review, Chicago.

HELP WANTED—We wish to communicate with a grower of first-class orchids, daisies, gardenias and lily of the valley; will pay best market price for the above. Address No. **37**, care Florists' Review, Chicago.

HELP WANTED—An extra good grower of cut flowers and plants; wholesale business; 35,000 square feet of glass; must be an honest and willing worker; give references and state wages wanted. Address F. R. Hills, Maywood, Ill.

HELP WANTED—Steady, sober man; must be good grower of carnations: $30 a month with board. Address No. 2, care Florists' Review, Chicago.

HELP WANTED—Good all-round man for general greenhouse work; must come with good references; state wages. Arthur H. Dew, Albion, Mich.

HELP WANTED—Florist foreman for commercial greenhouse; married man; give references and experience. Address No. 44, care Florists' Review, Chicago.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Manager for greenhouse and store; handling plants and cut flowers; state in first letter experience and salary expected. Address Hyde Park Floral Co., Austin, Texas.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—Experienced man for gardening and florist work; one who is not afraid to work; an all-round man; wages from $25.00 to $30.00 a month, with room and board; by February 1. Address Faber Bros., R. F. D. 4, Kankakee, Ill.

HELP WANTED—Working foreman to take charge of 35,000 feet of glass devoted to cut flowers and plants for retail trade; must be specialist in cut flowers; men of roving disposition need not apply; give references (stating length of service with each employer), and state wages in first letter. Address South Bend Floral Co., South Bend, Ind.

WANTED 1000 or 2000 feet 2-inch pipe, good second-hand; also No. 5 or No. 6 Kroeschell boiler, second-hand. Address No. 33, care Florists' Review, Chicago.

WANTED TO RENT—After Easter, greenhouses, about 15,000 square feet glass, with from two to five acres of ground; must have good water and soil; for a term of three to five years, with option of buying within that time; state full particulars. Address No. 39, care Florists' Review, Chicago.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 5-year lease, $25.00 a month. Address No. 5, care Florists' Review, Chicago.

FOR SALE New set of Bailey's Cyclopedia of American Horticulture; cheap for cash. Otto Bourdy, Lowell, Mass.

FOR SALE—Heller seed case, good as new, 11 inches deep, 28 inches wide, 55 inches high; contains 57 metal drawers; price $15.00 crated; cost $30.00. H. F. Drury, Galesburg, Ill.

FOR SALE—Denver, Colo., wholesale florist business; 7 greenhouses, 12 lots, in first-class condition; write at once for particulars. W. C. Walter, 448 Josephine St., Denver, Colo.

FOR SALE—Established cactus and novelty plant mail order business; large stock and a going successful business; best of reasons for selling; great bargain for a quick sale. Address A. D. Hosterman, Pres., Springfield, Ohio.

FOR SALE—Greenhouse, 7000 feet glass; hot water plant; dwelling house with 6 rooms; lot 175 feet front, 190 feet deep; in a beautiful and fast growing city of the plains, good trade in city and surrounding country. W. W. Searing, 712 13th St., Greeley, Colo.

FOR SALE—Greenhouse; 4000 feet of glass; 7-room residence, barn, three lots for summer work; city water and sewer connections; natural gas for fuel (no night fireman); cut flower trade in city of 1200. Address Iola Greenhouse, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Flower shop with greenhouse, 16x64; stock, fixtures, wagon, electric light; established 12 years; cash sales, $7,000 to $8,000 per month; ground rent, $74 a year. Reason, family trouble. Address Germantown Florist, 1542 North 27th St., Philadelphia, Pa.

FOR SALE—A florists' refrigerator, built by the Eureka Refrigerator Co. of Indianapolis, 1904; it is 72 inches high, 96 inches wide and 48 inches deep; front, two sides and back ¼-inch plate glass, top paneled oak; lining snow white opal and another thickness of polished plate glass; all trimmings nickel-plated; ice chamber in the center; ice capacity 600 pounds, doors of this being beveled plate glass mirror; the refrigerator is divided into five compartments, each having front and rear entrances; this refrigerator can be seen by calling at the address below; originally cost $350; had only been used one year when same was stored in our warehouse. Address H. P. Wasson & Co., Indianapolis, Ind.

FOR SALE—Cut flower business, greenhouse and residence; water heat. 148 W. 24th St., near Western Ave., Chicago.

FOR SALE—McCray florist refrigerator, No. 675; length 60 inches; depth, 31 inches; height, 74 inches; used four weeks last spring; change in store location put it out of business. Address R. D. Backus, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Wholesale and retail greenhouse business and residence at a bargain; in city of 25,000 inhabitants; only business of the kind in town; three florist stores in town as steady customers; good stock of plants and utensils; owner wishes to sell on account of long illness. Address S. W. Marshall, 335 Glenn Ave., Fresno, Cal.

FOR SALE—Greenhouse plant, consisting of two houses 20x150, work-room 15x60, residence of six rooms, farm and outbuildings, 3½ acres of ground, part in fruit-bearing trees; houses built in last two years; steam heat, 50 horse-power boiler; season's coal supply on hand; stocked with carnations, roses and bedding plants; doing fine business; splendid chance for honest man; direct route to large cities; reason for selling, wife's health requires change; possession given at once; price $5,500. Address No. 38, care Florists' Review, Chicago.

For Sale Greenhouse plant, consisting of 7 houses, 17,000 feet glass, heated by hot water system, in good condition; built three years. Same is stocked with carnations, some callas and geraniums. Two and one-quarter acres of ground, with nice modern residence, 6 rooms and bath. 12 miles from city limits of St. Louis Mo. Reason for selling, other business will require my attention in spring. **Address No. 43, care Florists' Review, Chicago.**

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

WANTED, MANAGER

for Dunlop's Retail Store, Toronto. Must be experienced in the very best class of business, and well up in decoration and designing. This is the best retail store in Canada and does the best business. Our last manager was with us for ten years. Good salary to good man. Send references.

J. H. DUNLOP,
Florist, 96 Yonge Street, Toronto, Ont.

WANTED—A FLORIST

that does not know what a money saver the Morehead Steam Trap is, to send for one on 30 days' trial that he may be convinced of the money and trouble saving possibilities in a Morehead. Address

MOREHEAD MFG. CO.
1042 Grand River Ave., Detroit, Mich.

WANTED Ambitious Greenhouse Employees to become their own bosses.

Start in your shirtsleeves. You earn more money than you receive. Very true, but you could not expect to get ALL you earn. You are not working for yourself, you know. You would work harder and better if you had a place of your own, you say. Very well, we will teach you how to become a Carnation Specialist. We will make you realize the importance of looking after the little things; show you how to build your own first greenhouse; help you to brush up your stored-away knowledge, or graft fresh knowledge into you. We will start you on the way to an independent future, and it won't cost you very much. If you do not wish to work for others all your life, write today, enclosing a 2c stamp for particulars. **The Florists' Correspondence School, P. O. Box 426, Missoula, Montana.**

SITUATION WANTED

As foreman or manager on up-to-date commercial or private place, by first-class florist, designer, landscape gardener and nurseryman. 29 years old. 16 years' practical experience in all branches of gardening in Germany, England, France, Austria and this country. Best of references. A good salary expected. Please state particulars in first letter.

Address No. 42,
Care Florists' Review, Chicago.

FOR SALE!

Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. 9, care Florists' Review, Chicago.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

DISSOLUTION NOTICE

ONARGA, ILLINOIS, Dec. 31, 1906.

The partnership agreement heretofore existing between L. J. Risser and Ludvig Mosbaek, under the firm name of Ludvig Mosbaek, is hereby dissolved by mutual consent. All debts owing to the firm of Ludvig Mosbaek and all debts owing by the firm have been assumed by the new business, which will be continued under the name of the Mosbaek Greenhouse Company of Onarga, the Iroquois Canning Company, of which Mr. L. J. Risser is President, succeeding to the business.

L. J. RISSER.
LUDVIG MOSBAEK.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 10, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy, carriage charges prepaid.

Vegetable Forcing.

Please send the Review the names of those in your vicinity who grow vegetables under glass.

Troy, Ohio.—C. W. Skinner is at Leesburg, Fla., installing mechanical watering systems for the truckers.

Henry Phillip, at Rogers Park, Chicago, has grown vegetables, roses, carnations, and again vegetables. He says that the returns from a given area are about the same whatever the crop, if it is successful, but that the advantage in growing vegetables lies in the fact that if a crop starts to go wrong it may be thrown out and a new one started with the loss of but a few weeks, whereas, with roses or carnations, a poor crop means a poor year. He says the Rogers Park growers expect lettuce to do no more than pay expenses and look to a spring crop of cucumbers for most if not all their season's profit.

VEGETABLE MARKETS.

Chicago, Jan. 22.—Cucumbers, $1 to $2 doz.; leaf lettuce, 25c to 40c case; radishes, 25c to 45c dozen bunches; spinach, 50c to 65c box; tomatoes, 25c to 35c lb.; mushrooms, 55c lb.

Boston, Jan. 21.—Cucumbers, $3 to $4 box; tomatoes, 30c to 35c lb.; parsley, $1 to $1.25 box; lettuce, 50c to 75c doz.; romaine, 75c to $1 doz; mushrooms, 50c to 60c lb.; radishes, $1.50 to $1.75 box; mint, 75c doz. bunches.

New York, Jan. 21.—Cucumbers continue scarce and firm. Mushrooms are in rather light supply and prices close steady. Many of today's receipts reached the stores very late in the morning, which caused considerable inconvenience. Cucumbers, 75c to $1.75 doz.; culls, $2 to $2.50 box; lettuce, 25c to $1.25 doz.; mushrooms, white, 25c to 75c lb.; brown, 25c to 60c lb.; mint, 50c to $1 doz. bunches; radishes, 3c to 4c bunch; parsley, 15c doz. bunches; rhubarb, 70c to 75c large bunch; tomatoes, 10c to 30c lb.

FORCING ASPARAGUS.

I would like to know how old asparagus roots should be to be strong enough to pay for forcing; also something of the treatment under glass. J. W.

It is necessary to have good, strong roots, two years old, to insure profitable results in forcing. If they are homegrown, all the better, as then they can be lifted and placed in the forcing quarters without danger of the roots suffering from dryness, from which they are sure to suffer more or less when shipped for a distance. Quite a little of the soil can be left on the roots when lifted in the home grounds, but enough should be shaken off to allow of the crowns being set well together to economize space.

Asparagus, being one of the earliest outdoor vegetables, is easily started into growth. The most suitable forcing quarters for it we have tried, is a brick pit heated by hot water, the pipes running arount the pit about two feet from the bottom. Previous to putting in the roots we place about a foot of heating material, such as stable litter and leaves, in the bottom of the pit, firming it well down. Over this is placed about three inches of sand, on which the asparagus roots are set, closely together. These again are covered with sand to a depth of six inches. The heat generated quickly starts the plants into growth and, about three weeks from the time they are put in, we begin to see the points appearing above the sand.

Cutting requires to be attended to every morning, the shoots being cut when about two inches over the sand. It is necessary to scrape some of the sand away to get the shoots cut well down, but care must be exercised in the operation or the shoots that are under way may be broken or damaged. No novice should be put to do the cutting. It will pay to have some man do it who can be depended on to do it carefully.

Asparagus can be forced in a greenhouse where a temperature of 55 degrees can be maintained. We have often seen it forced under the benches, but consider that it cannot be given justice there. It is better to devote a bench to it. If the bench is not deep enough to allow of enough covering to sufficiently blanch the shoots the bed could be shaded; not necessarily heavily, but just enough to draw the growths up and keep them blanched without weakening them.

The sand, either in pits or benches, must receive an occasional watering to prevent drying out; but a great deal of water is not necessary. The sand can be



Wittbold Watering Device in Operation at Chamberlain & Bunker's, Fremont, Mich.

"We are more than pleased with the Wittbold Watering System and like it better the more we use it."—Chamberlain & Bunker, Fremont, Mich., Dec. 4, 1906.

Vegetable Growers Should Send $5.00

for a swivel wheel and 20 1/8-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself, the **WITTBOLD WATERING SYSTEM,** or send for circulars of testimonials.

LOUIS WITTBOLD, 1708 N. Halsted St., Chicago

Mention The Review when you write.

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS 4273 Milwaukee Ave., CHICAGO

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VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.



Lambert's Pure Culture
Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on **"Mushroom Culture"** mailed free on application.
American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

Vegetable Seeds

Prices to Market Gardeners

	¼-lb.	lb.
SPECIAL CUCUMBERS		
Landreth's extra early W. Spine	40c	$1.00
Extra early Arlington W. Spine	50c	1.25
Landreth's extraordinary W. Spine	60c	1.50
Landreth's Long Green Gherkin	60c	1.50
SPECIAL LETTUCE		
Landreth's forcing, heading	65c	1.80
May King, heading	70c	2.00
Virginia Solid Header	$1.00	2.50
SPECIAL RADISHES		
Wonderful Halfiong Red	30c	.80
Landreth's White Box	25c	.60
Extra Early Scarlet White-tipped	20c	.60
Bloomsdale Spinach	20c	.40
Moss Curled Parsley	20c	.40
Landreth's Earliest Tomato	$1.25	4.50
Spark's Earliana Tomato	1.10	3.00
Landreth's Red Rock Tomato	1.00	2.75

Cash with order. Postage paid.
Send for complete list.

LANDRETH SEED CO., BRISTOL, PA.

Mention The Review when you write.

counted on to hold the moisture quite well.

Plants like asparagus, that respond quickly to forcing treatment, cannot be counted on to derive much nourishment either from the material they are planted in, or from the water applied to them. So the crop must depend on the properties already stored up in the roots. The securing of strong, vigorous roots, therefore, is the principal necessity. With these, and a fairly good means of forcing, there should not be any trouble in making a success. W. S. CROYDON.

LETTUCE OR CARNATIONS.

There is a little information I wish concerning the growing of carnations and lettuce. I have five greenhouses. Two are 10x45 each, one 10x59 and two are 17x59 each, all short-roofed plan. The houses 10x45 were built in 1905 and last fall I added the other three. Both seasons I have grown my carnations in the two houses 10x45 and they have been a complete success. But I did not get my last three houses in condition to put in more carnations and have now just finished setting them with lettuce and have the prespects of a good crop. But I would much rather grow the one crop because it saves trouble and my time is pretty well taken up with other work. Would the carnations bring me more money with less trouble than lettuce, for the season coming? I have plenty of field room for carnations. Yet I realize there is a chance for bedding plants after lettuce crop is gone. After supplying our home trade I can wholesale what surplus I have at Danville, as we make that city with wagon with winter vegetables three times every week, but I would have to look elsewhere to dispose of carnations. W. C. W.

There is no one so well qualified as yourself to form an opinion as to which crop you would better grow. You know what your carnations are and you soon will know what the lettuce will return. It all depends on the grower, the quality of the stock he produces and the market he has. There are hundreds who started as lettuce growers who now grow cut flowers, usually carnations, and there are a good many who built their houses for carnations who now have them filled with lettuce.

MINT.

Mint is one of the few possible products of the vegetable house that does not seem to be grown as plentifully as the demand would warrant. There seems to be always a ready sale for it at a remunerative price. It is a plant of the easiest culture, only, the roots being of a rambling, spready nature; it is hard to lift, unless plants are especially prepared for forcing purposes.

In private establishments, where the gardener has to keep up a supply, plants are usually grown in pots all summer for the purpose of planting in the benches in autumn or early winter. Offsets are taken from the outdoor plants in spring; enough of them are put in a 5-inch pot to insure the pot being well filled by fall. The pots are plunged in ashes or some such material to prevent too frequent drying out and are cared for all summer. Other than watering and an occasional weeding, they do not require a great deal of attention. The pots are usually allowed to stand until they have had a few light frosts, when they seem to force more easily.

This potting business entails quite a little trouble, but the pots keep the plants compact and make the planting a good deal easier than if the plants have to be lifted from the open ground. Though, if young plants or offsets are planted in spring, far enough apart so that they won't run into one another, they can be lifted and planted in the benches without much injury, if the work is carefully done and can be relied on to give good results.

The most convenient method we have tried of forcing mint, is in pits. The plants are set in the pits in spring and allowed to grow there with the sashes off all summer, requiring but a small amount of attention. About the beginning of November the sashes are put on and heat turned into the pipes, with which the pits are supplied, at a night temperature of 45 degrees.

We are usually able to pick mint for Christmas and can rely on a supply from those pits all the winter through. At a higher temperature red spider is apt to put in an appearance and cause trouble, but at the temperature here given there is little danger of it. Aphis will appear more or less and an occasional smoking will be necessary to keep it in check. W. S. CROYDON.

DANVILLE, N. Y.—F. M. Smith has four greenhouses and 4,000 feet of hotbeds. He has added twenty acres to his truck garden, making forty-three acres in all.

CHAMPAIGN, ILL.—J. E. Yeats, of the East Side Floral Co., left January 14 to join a party of hunters at Springfield. The hunting grounds will be in Oklahoma and Texas.

CHOICE VEGETABLE SEEDS For Forcing

"STOKES' STANDARDS" are simply the cream of the lists. You can't get better value.



Cucumber—Perfection Hothouse Forcing. Repeated selections of greenhouse-grown White Spine. Per oz., 50c; ¼-lb., $1.50; lb., $5.00.
Cauliflower—"Stokes' Standard." The very earliest in existence, close-growing, compact, perfect snow-white heads. Per pkt., 25c; ⅛-oz., $2.50; oz., $4.00; ¼-lb., $12.50.
Lettuce—Stokes' Big Boston. A splendid strain of this very popular greenhouse lettuce. Per oz., 15c; ¼-lb., 40c; lb., $1.25.
Lettuce Stokes' Grand Rapids. A fine forcing strain, the true under-glass sort. Per oz., 15c; ¼ lb., 40c; lb., $1.10.
Radish—Stokes' Scarlet Globe Forcing. The true 18 to 20-day sort, with small top and of a deep scarlet color. Per oz., 10c; ¼-lb., 25c; lb., 75c.
Radish—Stokes' White Marble. 16 to 18-day sort, snow-white, crisp and tender. Per oz., 10c; ¼-lb., 25c; lb., 75c.
Tomato Sparks' Earliana. Stokes' special strain. This is not to be compared with the sort usually offered. Per oz., 40c; ¼-lb., $1.25; lb., $4.00.

Rhubarb, for forcing. Whole clumps that have been frozen and are just ready for business. Per doz., $2.00; per 100, $12.00; per 1000, $100.00.
Five-year-old Asparagus, for forcing. Very profitable. Per doz., $2.00; per 100, $12.00; per 1000, $100.00.

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

FARQUHAR'S PERFECTION

FORCING CUCUMBER

A much improved strain of White Spine, long, smooth, rich green, robust, 10 days earlier than the old strains and more productive. Unequalled under glass. Pkt., 25c; ¼ oz., 35c; oz., $1; ¼ lb., $3 lb. $10. Write for complete catalogue.

R. & J. FARQUHAR & CO., BOSTON, MASS.

Mention The Review when you write.

Walters' Improved Telegraph Cucumber

the finest flavor and most prolific grown; as supplied to the largest English growers; disease unknown; per oz., $4.00; price per lb. on application.

A. A. Walters & Son, Bath, England

Mention The Review when you write.

Hothouse Specialties



Our Mr. Rawson being one of the largest growers of Vegetables under glass in this country, we have developed many special strains, including:

Rawson's Hothouse Cucumber

which we confidently believe superior to any other on the market; 60c per oz.; $1.50 per ¼-lb.; $5.00 per lb.

RAWSON'S SCARLET CONICAL RADISH

Best for forcing; many largest growers use it exclusively. Brilliant scarlet, conical, short-topped, remarkably uniform, tender, crisp; 90c lb.; 10 lbs., $8.00; 100 lbs., $75.00.

These and many other specialties fully described in our Market Gardener's List for 1907, just issued. Sent free on request.

W. W. RAWSON & CO., 5 Union St., Boston

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

J. M. Lilly Co.

SEATTLE, WASH.

Growers of

PUGET SOUND

CABBAGE SEED

Mention The Review when you write.

TO THE TRADE

We desire to announce that because of the heavy and continuous rains, our planting has been delayed so that the writer was not able to leave for the east as early as had been expected. He hopes, however, to get away about the end of this month and will advise the trade later when he expects to call.

A. J. PIETERS SEED CO.

A. J. PIETERS, President and Gen. Manager

HOLLISTER, CAL.

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Seed Growers for the Trade

BEANS, CUCUMBER, TOMATO,

Radish, Peas, Muskmelon,

Squash, Watermelon, Sweet Corn.

CORRESPONDENCE SOLICITED.

Write for prices on Surplus Stocks for Immediate Shipment.

Mention The Review when you write.

D. V. BURRELL, Grower of

Special Strains of Melons and Cucumbers

Three of my specialties are the Burrell Gem Cantaloupe. Burrell's Thoroughbred Rocky Ford Cantaloupe and Burrell's Klondike Cucumber. Contract orders solicited.

Address, D. V. BURRELL, A 11, Rocky Ford, Colo.

Mention The Review when you write.

CONNECTICUT CORN.

Onion, Beet, Carrot, Turnip, Parsnip.

The Everett B. Clark Company

MILFORD, CONN.

East Jordan, Mich. Sister Bay, Wis.

We are now writing growing contracts for

PEAS AND BEANS

which we grow in both Michigan and Wisconsin.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

Mention The Review when you write.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety.

Maine seed potatoes, onion sets, etc.
Correspondence solicited.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

SEEDS WHICH SUCCEED

THIS MEANS THAT LANDRETH'S SEEDS GROW AND ARE GOOD

ADDRESS: BRISTOL, PA

Mention The Review when you write.

PACIFIC SEED GROWERS' CO.

109 MARKET STREET

SAN FRANCISCO, CAL.

Specialties:

Onion, Carrot, Lettuce, Sweet Peas

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LEONARD SEED CO.

Growers and Wholesalers of Superior Garden Seeds

Seedsmen and Florists Supplied at the shortest notice and at right prices.
Our Catalogues are now ready and are mailed upon request.

Flower Seeds—Onion Sets 79 East Kinzie St., 145 W. Randolph St., CHICAGO

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

J. W. TUCKER & SON have opened a seed store at Carthage, Mo.

ALL radish seed and turnip beets would easily have stood much higher prices than those quoted in the current catalogues.

W. W. RAWSON, Boston, celebrated his sixtieth birthday anniversary January 23 by entertaining a number of friends and associates at a dinner at the Hotel Vendome, Boston.

SWEET corn is coming forward from the grower so slowly as to cause considerable complaint from the trade. The weather has been much against the grower, however, and patience must be exercised.

W. ATLEE BURPEE & Co. are putting characteristic energy into the exploitation of their new bush lima beans. Given a good thing, Burpee & Co. will get as much action on it as any one in the seed trade.

WILLIAM C. AIKEN, formerly at Angwin, Cal., has established himself at Gilroy, Cal., and intends to grow vegetables and flower seeds on a larger scale than heretofore. He calls his place the Rancho San Felipe Seed Farm.

VISITED CHICAGO:—J. C. Robinson, Waterloo, Neb., returning from Washington and New York; Chas. P. Braslan, San Jose, Cal., returning from New York and en route to Minneapolis; Chas. M. Kimberlin, of J. M. Kimberlin & Co.,

C. C. Morse & Co.

SEED GROWERS, now located at

171-173 Clay Street, San Francisco, Cal.

Growers of the following specialties for the trade:

Carrot, Celery, Endive, Leek, Mustard, Parsnip, Parsley, Radish, Spinach, Salsify, Tomato, Cucumber,

Onion, Lettuce

Flower Seeds, especially

SWEET PEAS

Registered telegraph and cable address: Morseed, San Francisco. American Seed Trade Ass'n Code, A B C Code, 4th edition.
Seed Farms at Newark, Alameda Co., Victoria Island and Gilroy, Santa Clara Co.
Farm Office, Trial Grounds and General Growing Headquarters at Carnadero, near Gilroy, Cal.
Warehouses and Bulk Warehouse, Santa Clara, Cal. Address all communications to

171-173 Clay St., San Francisco

Mention The Review when you write.

The Cleveland Seed Co.

AVON, N. Y.

Growers of..... FANCY PEAS AND BEANS

for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.

Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.

Mention The Review when you write.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

—HEADQUARTERS FOR—

Cauliflower and Tripoli Onion Seed

(Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

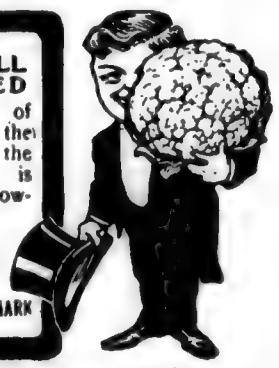
Ask for Our Wholesale Catalogue.

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

CAULIFLOWER CABBAGE SEED

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.

12 Stormgade, COPENHAGEN

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

Danish Seed

CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.

CABBAGE, White Amager (Stonehead).

Write direct to the grower.

CHRIS. OLSEN, Seed Grower Odense, Denmark

Mention The Review when you write.

Santa Clara, Cal., returning to the coast after a very successful eastern trip; E. J. Sheap, of S. M. Isbell & Co., Jackson, Mich.; W. H. Grenell, Saginaw, Mich.; M. Crawford, now of Shiocton, Wis.

IMPORTS.

The imports of seeds through the port of New York for the week ending January 19 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto...	27	$ 348	Fennel	3	$ 47
Canary ..	2,407	4,551	Poppy	250	1,138
Caraway .	575	3,910	Sugar beet..	10	65
Cardamom.	15	272	Other		3,870
Clover ...	1,220	28,141			

IT is reported from Newark, Ohio, that George L. Miller, long in the florists' business there, has gone to Boston to take charge of the retail flower seed department of the W. W. Rawson Co.

THE seedsmen who have a large trade among market gardeners are the ones who are having uphill work just now. The low priced catalogue is used by the gardener as a standard for price, although he still insists upon the same choice quality he has received heretofore.

SOME of the more recent recruits to the ranks of vine seed growers are willing to learn what a merchantable sample is, and there are others who are not.

NO one well acquainted with the California seed growers has any serious belief that the advance in contract prices is inspired by anything other than business necessity.

O. D. WILHITE, of Los Angeles, Cal., is reported to have a wonderful new muskmelon. He says it was raised by a man named Stewart, at Riverside, and this is what a Los Angeles paper, in a two-column write-up, says of the parentage: "He took a selected pineapple melon vine, and covered its blossoms with the pollen from the eastern pomegranate and the Muscat grape." The paper admits that this method was peculiar.

C. C. MORSE & Co., San Francisco, have issued their second retail catalogue for Pacific coast trade. The book is new throughout because of the loss of their plates in the fire of April 20 and

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

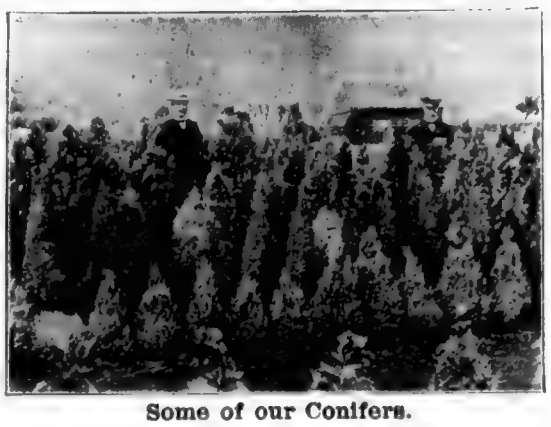
The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.



Some of our Conifers.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.

Mention The Review when you write.

Established 1680. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

Mention The Review when you write.

Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

26 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.

CAULIFLOWER SEED

Earliest Dwarf Erfurt

The earliest and best variety in existence for either forcing or open ground. We hold a tested stock of exceptionally high germinating power. All we guarantee to be 1906 crop. **$7.00 per pound.** Mailed free on receipt of cash by International P. O. O.

C. S. DANIELS & SON

WYMONDHAM, NORFOLK, ENGLAND

Mention The Review when you write.

The Best Valley Pips ...IN... America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of **Forcing Pips** at $1.50 per 100; $12.00 per 1000. Return at our expense if not satisfactory on arrival. We ship all over the U. S. and supply all the year around.

Fancy Cut Valley Always on Hand

H. N. BRUNS, Long Distance Phone 1409-11 Madison St. **Chicago**

Mention The Review when you write.

is a distinct improvement over the first retail catalogue. Pictures of the firm's store before and after the fire and at present are interesting.

GEORGE S. GREEN, of the Illinois Seed Co., Chicago, has returned from a two weeks' trip east.

THE January movement of onion sets has begun and the shortage of refrigerator cars is working a hardship upon the shippers.

THE Wm. Rennie Co., Toronto, has opened a branch store at Montreal in charge of J. Purvis, in addition to its branches at Winnipeg and Vancouver.

A NOTE on Virginian narcissi as forced for the Chicago cut flower market, to be found on another page of this issue, will interest seedsmen who handle bulbs.

THE onion set contractor is beginning to call for specifications. He wants to know how low the seed can be supplied for and how high the product will be taken at.

THE fact that much of the onion seed received this year is of low vitality leads some of the trade to think it may have been blended with the surplus of several years ago.

IT is remarkable how low some seedsman can get the prices, and yet claim to handle nothing but the choicest article. It is hardly possible that a good article can be delivered at half price.

A NOTICEABLE feature in the catalogues this year is the drop in the price of Longfellow beans. Heretofore this has been a high priced variety and, owing to its merit, has been in strong demand.

LONG credits have for so many years been one of the features of the wholesale seed trade that the proposal of growers to sell on terms of cash in sixty days is causing more agitation than are the advances in contract prices.

L. L. MAY & Co., St. Paul, are busy mailing 300,000 catalogues. Orders have commenced to come in large numbers. A number of orders were received last week from Alaska points. A number of carload lots have already been forwarded to Chicago, Cincinnati, Buffalo, Fort Worth, St. Louis and San Francisco for distribution.

THE advertising of seeds and plants in the general magazines is less this year than usual, and at the same time the trade is using more space than ever in the recently developed gardening papers. The agricultural papers are getting about their usual run of seed business. It looks as though special advertising to specially interested people is what pays.

JOHNSON'S HIGH-GRADE ASTER SEED For Florists

From the Best American and European Growers.



	Trade pkt.	oz.
Queen of the Market, three weeks earlier than other Asters, separate colors	$0.20	$0.60
Choice mixed	.15	.50
Semple's Late Branching, high-grade American grown not California, separate colors	.20	.75
Choice mixed	.20	.75
Ostrich Plume, separate colors	.25	1.50
Choice mixed	.25	1.25
Victoria, highly prized by florists for bedding and cutting, separate colors	.25	1.75
Choice mixed	.25	1.50
Improved Peony Perfection, very popular with florists, a profuse bloomer, separate colors	.25	1.50
Choice mixed	.20	1.25
Mignon, an invaluable variety for cutting, pure white	.25	1.50
Choice mixed	.25	1.25
Hohenzollern, the earliest of all Asters, separate colors	.20	1.25
Choice mixed	.20	1.00
Comet, a beautiful class, with curled and twisted petals, separate colors	.25	1.50
Choice mixed	.25	1.25
Daybreak, (originator's stock), shell-pink, one of the most beautiful of Asters, early, long-stemmed and of compact habit	.30	2.00
Purity, (originator's stock), pure white, and identical in form and habit with Daybreak	.30	2.00

See Our Flower Seed Offer in Last Week's REVIEW.

JOHNSON SEED COMPANY, 217 Market St., Philadelphia, Pa.

Herbert W. Johnson of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

— 100,000 —

PHOENIX ROEBELENII SEED

This elegant, graceful and easy-growing Palm is one of the most useful for all kinds of decorative work, both in small and large plants. Price $7.00 per 1000.

Yokohama Nursery Co.

31 Barclay Street, ... NEW YORK

CUT OUT THE SEEDS.

WASHINGTON, D. C., Jan. 22.—The house committee on agriculture today decided to omit the paragraph providing for the free distribution of seeds, from the agricultural appropriation bill when it is reported to Congress. This is the same action taken a year ago, when the paragraph was inserted by amendment on the floor.

A CASE FOR McVAY.

The following interesting note is from the editorial column of the Ledger of Birmingham, Ala.: "The distribution of seed by congressmen has been highly useful, and it will be continued. The effort to stop this distribution comes from interested men. Farmers want the little packages of seed from other states for they often find a seed suitable to their soil. That is what is intended. It is the best way yet invented to distribute useful seed to the different soils." It is up to Brother McVay to show this benighted gentleman the light.

VICK'S ASTER SEED

THE STANDARD OF EXCELLENCE

VICK QUALITY ASTERS

INTRODUCED BY US

GROWN EVERYWHERE

Vick's Branching (7 colors)
Vick's Snowdrift
Vick's Lavender Gem
Vick's Daybreak
Vick's Purity
Vick's Mikado
Vick's Violet King

HOW TO GROW ASTERS

is a little handbook compiled by us for the practical uses of Aster Growers.

Price 10 Cents

Free with an order of Aster Seed.

SPECIAL OFFER

One paper of each of **Five New Varieties** and **How to Grow Asters** for

$1.00

SEND FOR OUR NEW

Illustrated and Descriptive

Aster Book for Florists

It describes in detail, not only the varieties originating with us, but also all other leading sorts.

The largest and handsomest work of its kind ever issued.

Intended only for wide-awake florists who appreciate the fact that

THE BEST QUALITY IS ALWAYS THE CHEAPEST

Mailed free upon request.

JAMES VICK'S SONS
Rochester, N. Y.

The Leading Specialists and Largest Growers of High-Grade Asters in the World.

FIVE NEW VARIETIES FOR 1907

Vick's Sunset. Companion to Daybreak and Purity; in color a delicate pink shading to a deep rich pink in center. Profuse bloomer. Price per packet, 25c; 2 packets, 40c.

Vick's Upright. Long, graceful stems branch out at the ground and grow directly upward. Flowers are symmetrical, double and full to the center. Splendid for cutting. Especially valuable for shipping. Price per packet, 25c; 2 packets, 40c.

Vick's Royal Purple. An offshoot from the Branching. Unlike its parent, it sends out stems close to the ground. A medium early variety but lasting until late in fall. Nearly every stem produces specimen flowers. Price per packet, 20c; 2 packets, 35c.

Vick's Branching Rosy Carmine. A new color in the Branching class. Leading florists pronounce it a shade which will be popular with the trade. Price per packet, 25c; 2 packets, 40c.

Vick's Cardinal. The best bedding Aster ever introduced. A good one for cutting. With its profusion of flowers and brilliant coloring it makes a handsome showing. Price per packet, 25c; 2 packets, 40c.

Mention The Review when you write.

Florists' Flower Seeds

New Crop of the Finest Quality

Asparagus Plumosus Nanus, 50c per 100; $4.00 per 1000.
Asparagus Sprengeri, 15c per 100; 75c per 1000.

	⅛ oz.	Oz.	Trade pkt.
Alyssum, Sweet		$0.15	$0.05
" **Little Gem**		.30	.10
Lobelia Crystal Palace	$0.25		.15
Pansy, International Mixture	1.25	8.00	.50
" **Giant Florists' Mixture**	.60	4.00	.25
Salvia Bonfire		2.00	.25
Smilax, $2.00 per lb		.20	.10
Verbena, Mammoth, finest mixed		1.00	.20

For complete list of seeds, send for Trade Price List.

CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

Mention The Review when you write.

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

Mention The Review when you write.

SEEDSMEN TAKE NEW TACK.

It appears that the fight on free seeds has assumed a new angle, the trade instigators of the war on the general distribution of common garden seeds having adopted the suggestion of the Department of Agriculture that the appropriation be continued but applied to its original purpose, the procuring and distribution of new and rare varieties.

Speaking of the recent meeting of seedsmen at Washington, Albert McCullough, of Cincinnati, said to the REVIEW:

"A committee of seedsmen had a hearing before the senate committee on agriculture to enter our protest, not alone as seedsmen, but as business men and tax-payers against the free distribution of seeds by congressmen through the Department of Agriculture as now existing. Our protests were purely against the distribution of the common or ordinary sorts as now being made, and we at the same time recommended the continuance of the appropriation, if anything the sum to be increased for the benefit of the Department of Agriculture in introducing and disseminating new and rare varieties, and for educational purposes, and for establishing and maintaining experimental stations, and we have every reason to believe that the senate committee will report favorably thereon, especially so since the Department of Agriculture itself practically asks and recommends the same thing that the trade is seeking.

"This same matter has been agitated more or less before the congressional committees for many years, but it has only been within the last year or so that the public at large has taken much if any interest in it. Seemingly it has been considered more a fight of the seedsmen on the ground that they were attempting to do away with the competition of the government, but now that the granges and the agricultural organizations and societies throughout the entire United States have taken it up and placed it upon its proper and broader plane, we are in a position to place the matter before our congressmen so that

GLADIOLI

Write for trade price list of named varieties, assorted colors and fine mixtures.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

Dreer's Summer Flowering Bulbs

The Begonias and Gloxinias offered by us are the best that skill and careful selection can produce, being grown for us by one of the most expert European specialists.



TUBEROUS-ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per doz.; $3.00 per 100; $25.00 per 1000.

Choice Single Flowered in Mixture, 35c per doz.; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65c per doz.; $5.00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

New Hybrid Frilled Tuberous Begonias

A most unique form with flowers of immense size, with wavy or frilled petals, similar to the best forms of single petunias, 25c each; $2.50 per doz.; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 60c per doz.; $4.00 per 100; $35.00 per 1000.

FANCY-LEAVED CALADIUMS

A choice selection of 25 distinct named varieties, fine large bulbs, $1.50 per doz.; $10.00 per 100. Choice mixed varieties, $1.25 per doz.; $8.00 per 100.

Our quarterly Wholesale List offers a full line of Seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

they can relieve the department from this burden and place it in such a position whereby it can be of very great benefit to the agricultural interests of the entire United States.''

NOTES FROM HOLLAND.

From the standpoint of bulb growers the year 1906 was a very favorable one, notwithstanding the grave fact that prices realized on hyacinths, what may be said to be the main and standard crop of the district, have been below the cost of production. However, the prospects are much brighter than they were last year at this time, and considering that the end of the shipping season of this year found a shortage all around of hyacinths, and the dealers unable to fill all the orders in hand, it indicates that prices even under normal conditions will be higher the coming season. Should we, however, have to face an insufficient crop to meet the usual demand there is no telling what prices may come to.

Crocuses are no doubt in the same or perhaps even a more favorable condition, as stocks have been generally much reduced, and although the already prevailing higher prices may interfere somewhat with the sales, it could not possibly make up for the short supply in the market.

In tulips the season has been an unusual one, for not only did the crop suffer from the effects of the cold weather and disease, but the local demand for all the best trade sorts, and the enormous demand from America, especially in red and scarlet tulips, caused the prices on some sorts to go up sharply. In consequence the export trade to England suffered because late orders could not be filled, but the advantage was that it enabled dealers in England who had a supply on hand to sell them at good prices, and even to sell all they had in the way of tulips. No doubt such a state of affairs must also have a favorable effect on the producer on this side, and, taking it all around, there is every prospect of a satisfactory season in the approaching year.

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WASH DRAWING

one of many we made for 1907

Seed Catalogues

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We make a specialty of

CUTS FOR SEEESMEN

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SHAMROCK

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350,000 Cannas

True to name, for immediate or later delivery, packed 250 in a box, 250 at 1000 rate, 25 at 100 rate.

YELLOW CANNAS	100	1000
Buttercup, 3½ ft	$5.50	$50.00
Comte de Bouchard, 4½ ft	2.75	25.00
Florence Vaughan, 5 ft	2.00	17.50
L. E. Bailey, 4½ ft	2.00	17.50
WHITE CANNAS		
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Peachblow, 3 ft	1.75	15.00
RED CANNAS		
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Beaute Poitevine, 3½ ft	2.25	20.00
Chas. Henderson, 4 ft	2.00	17.50
Crimson Bedder, 3 ft	3.00	27.50
J. D. Eisele, 5 ft	2.25	20.00
Explorateur Crampbell, 5½ ft	2.00	17.50
Flamingo, 4½ ft	2.00	17.50

PINK CANNAS	100	1000
L. Patry, 4½ ft	2.00	17.50
Martha Washington, 3½ ft	2.00	17.50
Mlle. Berat, 4½ ft	2.25	20.00
Paul Marquant, 4½ ft	1.75	15.00
ORANGE CANNAS		
Admiral Avellan, 4½ ft	1.75	15.00
J. D. Cabos, 4½ ft	2.00	17.50
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Queen of Holland	2.75	25.00
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Italia, 4½ ft	2.25	18.00
Kronus, 5 ft	2.75	25.00
Mrs. Kate Gray, 6 ft	2.75	25.00
Pennsylvania, 5 ft	2.25	20.00
King Humbert, 4 ft	doz., $2.00;	15.00

BEGONIAS

SINGLE
Large bulbs measuring 1¼ inches and upward.

Crimson, Scarlet, White, pure, Rose, Pink, light, Yellow, Salmon, Orange, Copper

Separate colors, or all colors mixed.

Doz.	100	1000
35c	$2.25	$20.00

Extra large bulbs, 1½ inches and up, same colors as above, 50c per doz.; $2.75 per 100; $25.00 per 1000.

BEGONIAS

DOUBLE
Large bulbs measuring 1¼ inches and upward.

Crimson, Scarlet, Rose, White, pure, Orange, Salmon, Yellow, Copper Bronze, Light Pink

Separate colors, or all colors mixed.

Doz.	100	1000
55c	$4.00	$35.00

Extra large bulbs, 1½ inches and up, same colors as above. 75c per doz.; $4.50 per 100; $40.00 per 1000.

BODDINGTON'S "QUALITY" GLOXINIAS

Named varieties as cheap as those you buy to color

Blanche de Vera, white, rose bordered.
Defiance, glittering crimson.
Emperor William, blue, white border.
Etoile de Feu, carmine red.
Kaiser Frederick, scarlet, white margin.
King of the Reds, dark scarlet.

60c per doz.
$4.50 per 100
$40.00 per 1000

All Colors Mixed, 50c per doz.; $4.00 per 100; $35.00 per 1000.

Mme. Helene, white, with violet crown.
Marquise de Peralta, white, red bordered.
Mont Blanc, snow white.
Prince Albert, deep purple.
Princess Elizabeth, white, bordered blue.
Princess Mathilde, white, with rose crown.
Queen Wilhelmina, dark rose.

CALADIUM ESCULENTUM (Elephant's Ear)

Bulbs 6 to 8 inches in circumference, $1.50 per 100; $10.00 per 1000.

Bulbs 8 to 10 inches in circumference, $3.50 per 100; $40.00 per 1000.

Bulbs 10 to 12 inches in circumference, $5.50 per 100; $50.00 per 1000.

Monster bulbs 12 inches and upward, $10.00 per 100.

HARDY JAPANESE LILIES

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8 to 9-inch	$0.75	$ 4.50	$ 50.00
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LILIUM SPECIOSUM ALBUM			
8 to 9-inch bulbs	1.00	7.00	65.00
9 to 11-inch bulbs	1.75	12 50	120 00
11-inch and over	2.50	20.00	175.00

LILIUM SPECIOSUM MELPOMENE	Doz.	100	1000
8 to 9-inch bulbs	$0 75	$ 6.00	$ 55.00
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	100	1000
Augusta, the best florists' white gladiolus in existence, 1st size bulbs, 1¾ inches and up	$2 50	$22.50
Bulbs 1½ to 1¾ inches	2 25	20.00
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American Hybrids, a mixture of the choicest varieties of gladiolus in cultivation, very fine	1.00	9.00
Pink and Rose Shades	1.50	12.00
Finest all colors mixed	.75	7.50

Full stocks of Tuberoses, Dahlias, Japan Iris, Peonies, Hardy Roses. CATALOGUE FREE

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SELECTED SEEDS SUCCESSFULLY SOWN SECURE SURE, SAFE AND SERVICEABLE SATISFACTION

ARTHUR T. BODDINGTON, 32 West 14th Street, NEW YORK

Dreer's Summer Flowering Bulbs

The Begonias and Gloxinias offered by us are the best that skill and careful selection can produce, being grown for us by one of the most expert European specialists.

TUBEROUS-ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per doz.; $3.00 per 100; $25.00 per 1000.

Choice Single Flowered in Mixture, 35c per doz.; $2.50 per 100; $22.00 per 1000.

Double Flowering, Scarlet, Rose, White and Yellow, 65c per doz.; $5.00 per 100; $40.00 per 1000.

Choicest Double Flowering in Mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

New Hybrid Frilled Tuberous Begonias

A most unique form with flowers of immense size, with wavy or frilled petals, similar to the best forms of single petunias, 25c each; $2.50 per doz.; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 60c per doz.; $4.00 per 100; $35.00 per 1000.

FANCY-LEAVED CALADIUMS

A choice selection of 25 distinct named varieties, fine large bulbs, $1.50 per doz.; $10.00 per 100. Choice mixed varieties, $1.25 per doz.; $8.00 per 100.

Our quarterly Wholesale List offers a full line of Seasonable Plants, Seeds and Bulbs.



HENRY A. DREER, Philadelphia, Pa.

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they can relieve the department from this burden and place it in such a position whereby it can be of very great benefit to the agricultural interests of the entire United States."

NOTES FROM HOLLAND.

From the standpoint of bulb growers the year 1906 was a very favorable one, notwithstanding the grave fact that prices realized on hyacinths, what may be said to be the main and standard crop of the district, have been below the cost of production. However, the prospects are much brighter than they were last year at this time, and considering that the end of the shipping season of this year found a shortage all around of hyacinths, and the dealers unable to fill all the orders in hand, it indicates that prices even under normal conditions will be higher the coming season. Should we, however, have to face an insufficient crop to meet the usual demand there is no telling what prices may come to.

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SINGLE

Large bulbs measuring 1¼ inches and upward.

Crimson, Scarlet, White, pure, Rose, Pink, light, Yellow, Salmon, Orange, Copper

Separate colors, or all colors mixed.

Doz.	100	1000
35c	$2.25	$20.00

Extra large bulbs, 1½ inches and up, same colors as above, 50c per doz.; $2.75 per 100; $25.00 per 1000.

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Large bulbs measuring 1¼ inches and upward.

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Monster bulbs 12 inches and upward, $10.00 per 100

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ARTHUR T. BODDINGTON, 32 West 14th Street, NEW YORK

You Want This Aster Seed

No novelties—grown especially for my growers, best commercial sorts, branching white, blue, shell-pink, 25 cents a trade package; 60 cents ¼ oz. Ostrich Plume, 50 cents a trade package; 75 cents ⅛ oz.

GEORGE B. HART, Wholesale Florist, 24-28 Stone St., ROCHESTER, N. Y.

WANTED

At once, a first-class Flower and Vegetable Seedsman. Please state number of year's experience, and salary expected.

Address No. 41,
Care Florists' Review, Chicago.

SEEDSMEN

We are in want of two who are conversant with counter trade, permanent position, good wages.

WM. ELLIOTT & SONS
201 Fulton Street, NEW YORK

in the nursery and seed trade in England. The act makes it a criminal offense, with a maximum penalty of two years' imprisonment and a fine of £500, to offer any person remuneration in the shape of either money, goods or favor for doing or not doing any act in relation to his principal's business. In the horticultural trades the act prevents the giving of commissions to gardeners, which of late years has become a considerable tax on those firms doing a large private trade. A meeting of the trade has been held in London and it was decided to give a uniform five per cent discount, the discount to be openly stated on each invoice and in the catalogues. The principal seed firms of the country were represented at the meeting and it was particularly asked that all foreign firms, including American, would please agree to the same. It is very doubtful if the decision will serve any useful purpose and it is the opinion of many that it would have been better if no discount whatever had been agreed to. The foreign trade is said to be flooding England with circulars offering a larger discount and for a time at least a considerable amount of increased retail trade will go abroad.

Many of the largest retail seed houses have already published and posted their seed catalogue and it is reported the spring order season is opening with a very satisfactory increase of business. It is anticipated that somewhere near a record year will be established in the retail trade.

The demand for sweet pea seed is enormous and quite beyond expectations, but unfortunately this only applies to the recent introductions and the newest and best varieties, such as are in short supply.

The endeavors of those firms engaged in the clover seed business to induce the English growers holding heavy stocks of red clover to thresh and market the seed at the earliest possible moment have met with great success and English red clover is coming on the markets in considerable quantities. Considering the supplies, very satisfactory prices are being realized.

Contrary to some expectations, the English-grown seed pea trade is holding up, and considering the quantities on offer, good and remunerative prices are obtained. The continental and foreign buyers generally are reported as being heavily in evidence. B. J.

CARLSON'S IMPROVED ASTER SEED



Has been the best commercial variety in the Chicago market for the past three years. No disease. No yellows.

⅛ oz. (trade packet).....$ .25 ½ oz.....$ .80
¼ oz. .... .45 1 oz..... 1.50

1906 Crop. White, Pink and Lavender. GET THE GENUINE.

E. H. HUNT, 76 Wabash Ave. CHICAGO

RHINEBECK, N. Y.—Two of the local violet growers are "lawing it" because one gave the other a check for more money than he had in the bank.

IOWA FALLS, IA.—J. P. Murphy, who has been engaged in the greenhouse business at New Hampton, has sold out there and has purchased the business owned by Miss Jennie Smuck. Mr. Murphy has already moved his family to this place and will take immediate possession.

BUENA, N. J.—Lacroix & Raimbault claim to be the largest forcers of lilac for the Philadelphia and New York markets. They grow it in large quantity and supply some of the leading retail florists in each city, reporting a good demand. Although there is some complaint of poor stock, the quality of their output is excellent.

Aster Seed Cannas

Prices very low. Quality A-1. Particulars in first two January numbers. Prices will soon raise.

Nathan Smith & Son, Adrian, Mich.

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" single large-fl. fringed	tr. pkt.	.50
Salvia Splendens	oz.	1.00
Stocks, large-fl. 10 Weeks'	tr. pkt.	.25
" Dwarf Snowflake	tr. pkt.	.25
Begonia, Dwarf Vernon	tr. pkt.	.25
" Vulcan	tr. pkt.	.25
" Erfordi	tr. pkt.	.25

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ALYSSUM Little Gem, extra dwarf	.10	.30
CENTAUREA Gymnocarpa	.15	.35
COBAEA Scandens	.10	.30
DRACAENA Indivisa	.10	.30
GREVILLEA Robusta	.15	.50
LOBELIA Crystal Palace Compacta	.30	1.25
" Speciosa, dark blue trailing	.15	.50
PETUNIA Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed	$1.50 per 1000 seeds	
SALVIA Splendens (Scarlet Sage)	.25	1.00
" Ball of Fire, dwarfest	.50	4.00
" Bonfire, compact	.40	2.25
" Burning Bush	.30	1.50
SMILAX	.10	.30
VINCA, rose, white and white with eye	.15	.50
" mixed	.15	.40
VERBENA, Dreer's Mammoth, extra fine, white, scarlet, pink, purple or striped	.30	1.25
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	1000	100
Del. Pink	$25.00	$2.75
Scarlet	25.00	2.75
Crimson	25.00	2.75
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Yellow	25.00	2.75
Orange	25.00	2.75
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Salmon	25.00	2.75
Copper Bronze	25.00	2.75
Finest Mixed to order	25.00	2.75

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These are rather new, but very handsome.

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Yellow	1.75	12.50
Orange	1.75	12.50
Mixed of all colors	1.50	10.00

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A most unique form of flower, novel and interesting.

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Yellow	.25	2.75
Copper	.25	2.75
Scarlet	.25	2.75
Mixed of all colors	.20	2.20

DOUBLE VARIETIES

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Del. Pink	$34.00	$4.00
Deep Rose	34.00	4.00
Scarlet	34.00	4.00
Crimson	34.00	4.00
White	34.00	4.00
Yellow	34.00	4.00
Orange	34.00	4.00
Copper	34.00	4.00
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First size, 1⅛ and up	$12.00 per 1000
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BERKSHIRE, MASS.—F. S. Pearson intends to build a greenhouse on his Edgewood farm for the growing of exotic plants.

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SIZES IN STOCK	Per 100
3 x 4 x 20	$ 4.00
3 x 5 x 24	4 50
3 x 7 x 21	4.50
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6 x 12 x 36	14.00
6 x 12 x 36	15.00
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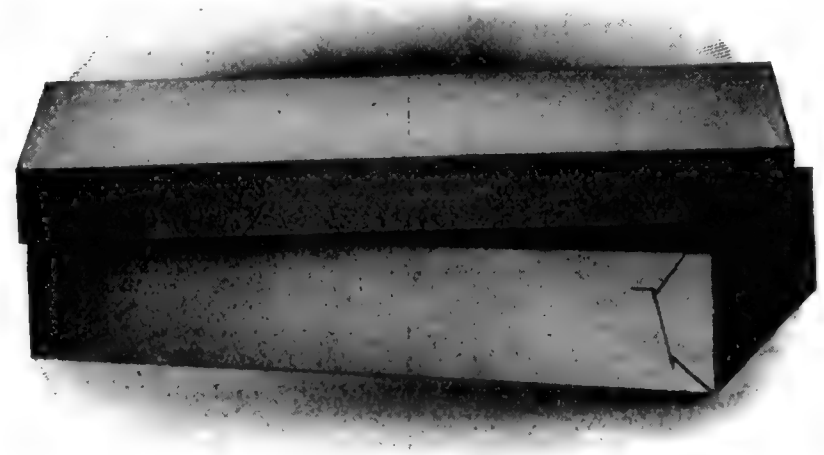
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9997	18x6x3½	2.50	9555	16x4x3	1.50
6540	21x6x3½	3.00	5264	21x5x3	2.00
8791	18x8x4	3.10	4509	30x6x3½	3.50
8558	21x8x4	3.25	8072	20x4x3	2.00
720	24x8x4	3.60			

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" No. 2	3x6x18	2.00	" 19 00	"
" No. 3	4x8x18	2.50	" 23 00	"
" No. 4	3x5x24	2.75	" 26.00	"
" No. 5	4x8x22	3.00	" 28.50	"
" No. 6	3x8x28	3.75	" 36.00	"
" No. 7	6x16x20	5.50	" 54.00	"
" No. 8	3x7x21	3.00	" 28 50	"
" No. 9	5x10x35	6.50	" 62.00	"
" No. 10	7x20x20	7.50	" 67.00	"
" No. 11	3½x5x30	3.00	" 28.50	"

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	Per doz.
Beauties, Specials	$7.50 to $9.00
" Extra	6.00
" Medium	3.00 to 5.00
" Short	1.50 to 2.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00 to $18.00
" " Select	10.00 to 12.00
" " Ordinary	5.00 to 8.00
Richmond, Liberty, Fancy	25.00 to 30.00
" Select	10.00 to 15.00
" Ordinary	5.00 to 8.00
Killarney, Chatenay, Select	15.00
" " Ordinary	5.00 to 8.00
Golden Gate, Select	12.00 to 15.00
" " Ordinary	6.00 to 10.00
Carnations, Fancy	6.00
" Select	4.00 to 5.00
" Ordinary	2.00 to 3.00
Harrisii Lilies	15.00 to 18.00
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch 50c	
" Sprengeri, bunch 50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Camellias per doz., $3.00	
Cattleya Trianæ	50.00
Cypripediums	15.00
Callas	12.50 to 15.00
Violets, Single	.50 to .75
" Double	.75 to 1.00
" White	1.50
White Cattleyas	50.00
Gardenias	35.00
Bouvardia	4.00
Pansies	.75 to 1.00
Snapdragon	4.00
Sweet Peas	.75 to 1.50
Daisies, White and Yellow	1.00 to 2.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissus	3.00
Mignonette, Fancy	8.00
" Ordinary	2.00 to 4.00
Single Daffodils	4.00
White Lilacs, per bunch. 1.00 to 2.00	
Freesias	3.00 to 6.00
Golden Spur	6.00
Tulips	4.00

Cleveland, Jan 23.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00
	Per 100
Brides and Bridesmaids	$ 6.00 to $15.00
Carnations	3.00 to 6.00
Violets	1.00 to 1.50
Sweet Peas	1.00 to 1.50
Pansies	1.00 to 1.50
Tulips	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

Milwaukee, Jan. 23.

	Per 100
Beauties, Medium	$15.00 to $18.00
" Shorts	6.50 to 10.00
Bride and Bridesmaid	6.00 to 12.00
Golden Gate, Chatenay	6.00 to 12.00
Richmond	8.00 to 12.00
Perle	6.00 to 10.00
Carnations	3.00 to 6.00
Valley	3.00
Stevia	3.00
Violets	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00
Paper Whites, Romans	3.00
Callas	18.00
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" Extra	20.00 to	35.00
" No. 1	10.00 to	20.00
" No. 2	6.00 to	10.00
" Shorts	2.00 to	4.00
Brides and Maids, Special	12.00 to	15.00
" " Extra	10.00 to	12.00
" " No. 1	5.00 to	8.00
" " No. 2	2.00 to	5.00
Golden Gate, Chatenay	3.00 to	20.00
Killarney	3.00 to	20.00
Richmond	5.00 to	35.00
Orchids, Cattleyas	40.00 to	60.00
Cypripediums	10.00 to	12.00
Gardenias	20.00 to	35.00
Carnations, Common	1.50 to	3.00
" Selects	3.00 to	4.00
" Fancies and novelties	5.00 to	10.00
Violets	.40 to	1.00
Adiantum Cuneatum	.50 to	.75
" Croweanum	.75 to	1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	8.00 to	15.00
Lilies	10.00 to	15.00
Lily of the Valley	1.00 to	3.00
Smilax	8.00 to	12.00
Paper Whites	1.00 to	2.00
Callas	10.00 to	12.00
Hyacinths	1.00 to	2.00
Tulips	2.00 to	3.00
Lilacs	bunch, 75c to 1 50	
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Manufacturers and Importers of
WILLOW and FANCY BASKETS For Florists
Dealers in Florists' Supplies
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Wholesale Dealer in
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Consignments of first-class stock solicited.
Prompt returns.
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FLOWERING & DECORATIVE PLANTS
of Every Description.
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The History and Culture OF GRAFTED ROSES For Forcing
BY ALEX. MONTGOMERY, JR.
"The most important contribution to the modern literature of the Rose."
"Of much interest to every Rose grower and of utmost value to growers of Grafted Roses."
Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.
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The Geller Florist Supply Co. Inc.
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Telephone 5239 Madison Square.
Full line of FLORISTS' SUPPLIES and all Decorative Greens, Ribbons and Novelties. We manufacture all our Metal Wreaths, Baskets and Wire Work. Come and see the new store.

WILLIAM H. KUEBLER
Wholesale Commission Dealer in
CUT FLOWERS
Room for the products of growers of first-class stock.
"WATCH US GROW!"
28 Willoughby St., Brooklyn, N. Y.
Tel., 4591 Main.

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Department Store For Florists' Supplies
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.
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A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics with the Correct Pronunciation for each. Sent postpaid on receipt of 25c.
FLORISTS' PUBLISHING CO.
334 Dearborn St. Chicago.

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56 PINE ST., NEW YORK
Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.
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Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

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Wholesale Cut Flower Prices.

Chicago, Jan. 23.

	Per doz.
Beauties, long stems	$ 6.00 to $8.00
" 36-inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75
	Per 100
Bridesmaids, Specials	$10.00 to $15.00
" Firsts	6.00 to 8.00
Brides, Specials	10.00 to 15.00
" Firsts	6.00 to 8.00
Richmond, Specials	15.00 to 25.00
" Firsts	6.00 to 12.00
Liberty	6.00 to 25.00
Golden Gate, Firsts	10.00 to 15.00
" " Seconds	6.00 to 8.00
Killarney	8.00 to 25.00
Uncle John	6.00 to 15.00
Perle	6.00 to 15.00
Chatenay	6.00 to 15.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00 to 5.00
Violets, double	.75 to 1.00
" single	.75 to 1.00
Cattleyas..per doz., $6.00 to $7.50	
Dendrobium—	
Formosum....doz., $3.00 to $5.00	
Cypripediums...doz., 2.00	
Harrisii	15.00 to 18.00
Callas	12.00 to 15.00
Valley	2.00 to 4.00
Jonquils	4.00 to 5.00
Tulips	3.00 to 5.00
Sweet Peas	1.00 to 1.50
Paper Whites, Romans	3.00
Freesias	4.00
Mignonette	6.00 to 8.00
Asparagus, Strings	50.00 to 60.00
" Sprays, per bunch....75c	
" Sprengeri, " 25-35c	
Ferns.....per 1000, $2.50	.25
Galax.....per 1000, $1.00 to 1.50	.15
Adiantum Cuneatum	1.00
" Croweanum	1.50
Smilax.....per doz., $1.50 to $2.00	12.00 to 15.00

Buffalo, Jan. 23.

	Per doz.
Beauties, Specials	$8.00
" Fancy	6.00
" Extra	4.00
" First	2.50
	Per 100
Brides and Maids, Extra	$12.00 to $15.00
" " No. 1	10.00 to 12.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 20.00
Golden Gate	5.00 to 10.00
Perle	5.00 to 8.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	.75 to 1.25
Stevia	1.00 to 1.25
Romans and Narcissi	2.50 to 3.00
Freesias	2.00 to 3.00
Tulips	3.00 to 4.00

SCARBORO, ILL.—J. L. Lutz, Sr., whose address was Lee, Ill., is now to be addressed through the postoffice at this place.

BIRMINGHAM, ALA.—W. J. Lambert has changed his location from Atlanta, Ga., to this place and is with J. L. Parker.

CHARLESTON, W. VA.—The Charleston Cut Flower & Plant Co. reports business good, especially just now as the legislature is in session. The company is getting ready to build an addition to its greenhouses after Easter.

Cut Flowers

Florists' Supplies

We can and will take care of your wants. Catalogue free.

E. F. WINTERSON CO.

45-47-49 Wabash Ave.

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All telegraph and telephone orders given prompt attention.

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Poehlmann Bros. Co.

Wholesale Growers of and Dealers in Cut Flowers

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35-37 Randolph Street. CHICAGO, ILL.

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Flower Growers' Market

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Wholesale Cut Flowers

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WHOLESALE CUT FLOWERS

60 Wabash Ave., Chicago

Careful attention to all

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Wholesale CUT FLOWERS

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Be Your Own Commission Man

Sell your own Stock at the

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See PERCY JONES, Manager

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Wholesale Florists

51-53 Wabash Ave., CHICAGO

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Wholesale Florists

ELMIRA, NEW YORK

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Phone, Central 879.

Write for our wholesale price list.

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Wholesalers and shippers of home-grown Cut Flowers, comprising the newest varieties of blooms. Full line of Supplies and Decorative Greens. Trial order solicited. Weekly price list issued. MINNEAPOLIS, MINN.

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Valley, American Beauties, Brides and Maids, Sprengeri, Asparagus Plumosus, Carnations and Violets and all seasonable flowers. Large stock of Stevia on hand; can supply you at lowest market prices at short notice. All orders will have our prompt attention. A trial order will convince you. Telegraph or telephone when you need Cut Flowers to

HENRY M. ROBINSON & CO., Tel. Main 2617-2618, **15 Province St., 9 Chapman Pl., Boston, Mass.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Jan. 23.

	Per 100.
Beauties Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	10.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 10.00
Kaiserin	4.00 to 10.00
Liberty	6.00 to 20.00
Meteor	4.00 to 10.00
Perle and Sunrise	3.00 to 8.00
Carnations	2.00 to 8.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.50
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Tulips	3.00 to 4.00

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Wholesale Commission Dealer

Cut Flowers and Florists' Supplies

Consignments Solicited.

L. D. Phone, M. 980; Night Phone, W. 81 Y.
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110-112 East 3rd St., Cincinnati, O.

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Lilium Giganteum

Fine, sound bulbs, 7 x 9, $55.00 per 1000.

Lilium Multiflorum

9 x 11, $9.00 per 100.

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Carnations, Violets, Roses, Lily of the Valley

Carefully selected and packed for long distance shipment.

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Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices,

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H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 23.

	Per doz.
Beauties, Specials	$ 3.00 to $4.00
" Extra	2.00 to 2.50
" Shorts	.60 to 1.00
	Per 100
Brides and Maids, Specials	$ 6.00 to $10.00
" " No. 1	3.00 to 4.00
Golden Gate	5.00 to 10.00
Richmond	5.00 to 10.00
Carnot	5.00 to 10.00
Carnations, Common	1.00 to 1.50
" Fancies	2.00 to 4.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.25 to .35
Paper Whites	2.00 to 3.00
Romans	1.00 to 3.00

Pittsburg, Jan. 23.

	Per doz.
Beauties, Specials	$ 6.00 to $ 7.50
" Fancy	4.00 to 5.00
" Medium	2.00 to 3.00
" Short	.75 to 1.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " Medium	$10.00 to 12.00
" " Short	4.00 to 6.00
Richmond, Specials	20.00
" Select	15.00
" Ordinary	6.00 to 10.00
Killarney	8.00 to 20.00
Chatenay	8.00 to 15.00
Perle	4.00 to 10.00
Bon Silene	4.00 to 6.00
Cusin	4.00 to 8.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4.00 to 5.00
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	.75 to 1.25
Paper Whites	3.00
Roman Hyacinths	1.00 to 3.00
Freesias	4.00
Tulips	3.00 to 4.00
Cypripediums	15.00

Wholesale Cut Flower Prices.

Boston, Jan. 22.

	Per 100.
Beauties, Specials	$50.00 to $100.00
" Extra	20.00 to 40.00
" Short Stems	8.00 to 20.00
Brides, Specials	12.00 to 16.00
" Seconds	6.00 to 8.00
Bridesmaids, Specials	12.00 to 20.00
" Seconds	6.00 to 8.00
Chatenay	6.00 to 20.00
Wellesley, Killarney	8.00 to 20.00
Liberty, Richmond	8.00 to 35.00
Carnations, Special	6.00 to 8.00
" Select	4.00 to 5.00
" Ordinary	3.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00
Smilax	10.00 to 12.00
Harrisii	12.00 to 16.00
Violets	.50 to .75
Cattleyas	40.00 to 50.00
Cypripediums	10.00 to 12.00
Callas	12.00 to 16.00
Antirrhinum	2.00 to 4.00
Sweet Peas	1.00 to 1.50
Mignonette	2.00 to 4.00
Paper Whites, Romans	1.50 to 2.00
Tulips	3.00 to 4.00
Daffodils	3.00 to 5.00
Freesias	3.00 to 4.00

Holton & Hunkel Co.

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Cut Flowers, Palms, Ferns

and a General Line of Plants

MANUFACTURERS OF

WIRE WORK AND FLORISTS' SUPPLIES

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Wm. C. Smith & Co.

Wholesale Florists

1316 Pine St. ST. LOUIS

Both long distance phones.

Supplies and Everything in Season always on hand.

Mention The Review when you write.

THE PIKE'S PEAK FLORAL CO.

Exclusively Wholesale

COLORADO SPRINGS, COLO.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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Special attention to theatre orders. Personal and artistic arrangement. No dissapointments in catching steamers and reliable deliveries guaranteed. Special rates for my brother florists from any part of the country. **One Trial Sufficient.**

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P. J. HAUSWIRTH

13 Congress Street

Auditorium Annex. Telephone Harrison 585.

Colberg & Lemke

21 E. 6th St., St. Paul, Minn.

Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

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SUCCESSORS TO SIEVERS & BOLAND

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47-49 Geary Street. SAN FRANCISCO, CAL.

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN



WASHINGTON, D. C.

GUDE'S

ORDERS for DULUTH

and vicinity will be carefully looked after by

W. W. SEEKINS

109 W. Superior St., DULUTH, MINN.

The Geo. Wittbold Co.

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The only retail florist in Chicago who grows his own cut flowers.

Funeral Work Orders, Our Specialty

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Y. M. C. A. BUILDING

FRED C. WEBER

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Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph

All orders given prompt attention.

JOHN BREITMEYER'S SONS

COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will take proper care of your orders in **WISCONSIN**

CHOICEST FLOWERS

George H. Berke

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Local and Long Distance Phones.

1505 Pacific Ave., ATLANTIC CITY, N. J.

Houghton & Clark

396 Boylston Street,

Boston, Mass.

RETAIL ORDERS SOLICITED FOR

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H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

Geo. M. Kellogg

Wholesale and Retail Florist

906 Grand Ave., KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUR ORDERS FOR

EVERY DEPARTMENT of FLORAL ART

are earnestly solicited and my personal attention will be given even to the smallest detail.

A. WARENDORFF

1193 Broadway 1474 Broadway, Madison Ave. and 71st St., NEW YORK

David Clarke's Sons

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Belmont Hotel, 42nd St., New York

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☛Orders from any part of the country filled carefully and at wholesale prices.

Palmer's

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W. J. Palmer & Son, 304 Main St.

Mills The Florist

36 W. Forsyth Street

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Hatcher

Wholesale and Retail Florist

AMSTERDAM, NEW YORK

The Park Floral Co.

J. A. VALENTINE, Pres.

DENVER, COLORADO

Mrs. M. E. Hollcraft

807 Kansas Ave., TOPEKA, KAN.

FOR OTHER LEADING RETAIL FLORISTS SEE NEXT PAGE.

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Alexander McConnell

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Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street. Cable Adddress: ALEXCONNELL. Western Union Code.

BROOKLYN, NEW JERSEY, } Deliveries Anywhere { NEW YORK, LONG ISLAND.

Trade orders well cared for from all parts of the Country, and delivered at Theatre, Hotel, Steamer or Residence. Address

ROBERT G. WILSON

Fulton St. and Greene Ave. Telephones, Prospect 2840 and 4065 BROOKLYN, N. Y.

MYER 609-611 Madison Avenue

Long Distance Phone, 9297 Plaza. **New York**

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

...THE...

CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

GEO. S. MURTFELDT

MINNEAPOLIS, MINN.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

S. B. STEWART

119 No. 16th Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

Always mention the Florists' Review when writing advertisers.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Young & Nugent

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We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

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Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

DEKALB, ILL.

Peter Christianson, of this city, is a well-known contractor and builder and also a dealer in all sorts of building and heating materials. He has formed a partnership with L. F. Probst to enter into business as horticultural architects and builders. The firm name is Probst & Christianson. Mr. Probst is an experienced horticultural architect, having been connected with the J. C. Moninger Co., Chicago, for a number of years. The firm will make a specialty of iron construction and will be equipped to build anything in the greenhouse line, from the ordinary commercial structure to the largest of public conservatories. A specialty also will be made of tufa construction. Tufa is a stonelike material manufactured by the American Tufa Incrustation Co., of Sandusky, Ohio. It is largely used for construction of ornamental horticultural structures, for fountains, rockeries, etc., and Probst & Christianson are the company's agents for all territory west of Detroit. Mr. Probst states that they have knowledge of a large amount of such work as they are equipped to handle planned for construction in the middle west in the approaching season. They already have booked several contracts and if they are successful in securing only a moderate share of the work now in sight the organizing of the new firm will be fully justified.

S. MASUR

FLORIST 238 Fulton St. Near Clark St. Tel. 334 Main. **Brooklyn, N. Y.**

NORTH PACIFIC COAST

The H. Harrington Co.

912 SECOND AVE. SEATTLE, WASH.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

Steamer—	From—	To—	Sails—
Kaiserin	New York	Hamburg	Jan. 26
Ethiopia	New York	Liverpool	Jan. 26
Moltke	New York	Genoa	Jan. 29
Zeeland	New York	Antwerp	Jan. 30
York	New York	Bremen	Jan. 31
Thames	New York	Barbados	Feb. 2
Minnehaha	New York	London	Feb. 2
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
Kroonland	New York	Paris	Feb. 6
Arabic	New York	Japan	Feb. 7
K. Luise	New York	Naples	Feb. 9
K. Wm. II	New York	Bremen	Feb. 12
Vaderland	New York	Paris	Feb. 13
Cedric	New York	Egypt	Feb. 16
Trent	New York	Barbados	Feb. 16
Hamburg	New York	Gibraltar	Feb. 18
Saxonia	Boston	Liverpool	Feb. 19
Main	New York	Bremen	Feb. 21
Cymric	Boston	Liverpool	Feb. 21
K. Albert	New York	Genoa	Feb. 23
Canopic	Boston	Egypt	Feb. 23
Cassel	New York	Bremen	Feb. 24
Kronprinz	New York	Plymouth	Feb. 26
Oceanic	New York	Liverpool	Feb. 27
Friedrich	New York	Naples	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Hannover	New York	Bremen	Mar. 14
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30

MUNCIE, IND.—S. Humfeld reports warm, cloudy weather ever since Christmas; 65 degrees January 19. Honeysuckle has an inch of young growth, the grass is green and bulbs starting from the ground. It is a most unusual season and cold weather may do much damage.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 726

ADIANTUMS.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6-in. pots, $12.00, $18.00 and $24.00 per doz. Julius Roehrs Co., Rutherford, N. J.

Adiantum Farleyense, 5-in., $9.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

AGERATUMS.

Ageratums Pauline and others, 2-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Princess Pauline, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

Ageratum, strong, 2¼-in., white, $2.50 per 100. Hammerschmidt & Clark, Medina, O.

ALTERNANTHERAS.

Alternanthera brilliantissima, "original stock," finest red of all. From soil, $1.00 100; sand, 70c 100. A. nana, soil, 75c 100; sand, 60c 100. Prepaid. A. J. Baldwin, Newark, O.

Alternantheras, red, yellow and brilliantissima, July struck cuttings, $10.00 per 1000. From sand, January struck, $5.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

AQUATICS.

Eichhornia, water hyacinth, $2.00 per 100; $15.00 per 1000.
C. Dornberger, Brenham, Tex.

AQUILEGIAS.

ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
BARTELDES SEED CO., Denver, Colo.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $2.50; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00; 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Sprengeri at a bargain, to make room. Extra strong, 2½-in., $2.50 per 100; 3½ and 4-in., $5.00 per 100. Cash with order.
Waaland & Co., Findlay, O.

Asparagus Sprengeri, very strong plants, 1-yr.-old, 3-in., 5c; 4-in., 8c. Cash with order.
Freeport Market Garden & Greenhouses, Freeport, Ill.

Asparagus plumosus nanus, strong 2-in., $2.00 100, $18.00 1000; 250 at 1000 rate.
E. G. Soller, Zanesville, O.

Asparagus plumosus, 3-in., fine, $5.00 100. Sprengeri, 3½-in., $6.00 100.
Scharff Bros., Bx. 343, Van Wert, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00; 4-in., $12.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus plumosus nanus, 3½-in., $6.00 per 100. S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus Sprengeri, from bench, ready for 4 and 5-in., 4c.
Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus, strong, 2½-in., $4.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

400 Asparagus plumosus nanus, $4.00 100; the lot, $3.50. U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, plants from 4-in. pots, $8.00 per 100. M. E. Eaton, Lyons, Iowa.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus Sprengeri, 3-in., extra strong, $5.00 per 100. John Walker, Youngstown, O.

Sprengeri, strong, 2-in., $2.00; 3-in., $3.00.
A. Luther, R. D. 4, Kansas City, Mo.

Asparagus Sprengeri, 2-in., $2.25 per 100.
Hammerschmidt & Clark, Medina, O.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus plumosus, 3-in., $5.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 4-in., $35.00; 5-in., $50.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

BULBS.

Dreer's summer flowering bulbs. The begonias and gloxinias offered by us are the best that skill and careful selection can produce. Description of varieties and prices are given in display adv.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

Tuberous rooted begonias. Our bulbs come from the best specialist in Europe. Prices are given in display adv.
W. W. Rawson & Co., Boston, Mass.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

Begonias, fine, large, plump bulbs, and gloxinias are listed in display adv.
H. F. Michell Co., 1018 Market St., Phila.

Importers and growers of high grade bulbs. Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Amaryllis Johnsoni, assorted size, $6.00 per 100. C. W. Bakewell, Gretna, La.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill.

CALADIUMS.

Caladiums, 9 to 11-in., 10c; 8 to 9-in., 6c; 6 to 8-in., 2c. A. J. Baldwin, Newark, O.

CALLAS.

Baby callas, 3-in., $3.00 100.
P. A. Baker, Media, Pa.

CANNAS.

350,000
CANNAS
TRUE TO NAME.

Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

RED CANNAS.		
A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
Chas. Henderson, 4 ft.	2.00 100;	17.50 1000
Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000
PINK CANNAS.		
L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000
ORANGE CANNAS.		
Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000
J. D. Cabos, 4½ ft.	2.00 100;	17.50 1000
Pres. Cleveland, 4 ft.	3.00 100;	27.50 1000
Queen of Holland	2.75 100;	25.00 1000
Secretary Chabanne, 4 ft.	2.00 100;	17.50 1000
GOLD-EDGED CANNAS.		
Mme. Crozy, 3½ ft.	$2.75 100;	$25.00 1000
Queen Charlotte, 4 ft.	2.75 100;	25.00 1000
Souv. de A. Crozy, 4 ft.	2.75 100;	25.00 1000
YELLOW CANNAS.		
Buttercup, 3½ ft.	$5.50 100;	$50.00 1000
Comte de Bouchaud, 4½ ft.	2.75 100;	25.00 1000
Florence Vaughan, 5 ft.	2.00 100;	17.50 1000
L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000
WHITE CANNAS.		
Alsace, 3½ ft.	$2.00 100;	$17.50 1000
Peachblow, 3 ft.	1.75 100;	15.00 1000
BRONZE CANNAS.		
Black Beauty, 5 ft.	$6.00 100;	$50.00 1000
David Harum, 3½ ft.	3.25 100;	30.00 1000
Egandale, 4 ft.	3.25 100;	30.00 1000
Grand Rouge, 8 ft.	1.75 100;	15.00 1000
Musafolia, 8 ft.	2.75 100;	25.00 1000
Robusta, 6 to 8 ft.	1.75 100;	15.00 1000
Shenandoah, 6 ft.	2.25 100;	18.00 1000
ORCHID CANNAS.		
Alemannia, 4 ft. 35c doz.;	$2.25 100;	$18.00 1000
Austria, 5 ft. 30c doz.;	1.75 100;	15.00 1000
Italia, 4½ ft.	2.25 100;	18.00 1000
King Humbert, 4 ft., $2.00 doz.	15.00 100	
Kronus, 5 ft.	2.75 100;	25.00 1000
Mrs. Kate Gray, 6 ft.	2.75 100;	25.00 1000
Pennsylvania, 5 ft.	2.25 100;	20.00 1000

For full description of above and fifty other varieties of cannas, see catalogue, mailed free.

ELEPHANT'S EARS.
Caladium Esculentum.
All sound and with eyes.

	100	1000
6- 8 inches in circumference	$1.50	$10.00
8-10 inches in circumference	3.50	30.00
10-12 inches in circumference	5.50	50.00
12 inches and up in circumference	10.00	90.00

ARTHUR T. BODDINGTON,
342 W. 14TH ST., NEW YORK.

King Humbert has eclipsed every modern canna. Strong points are its giant orange scarlet flowers, free blooming character, and grandest bronze-leaved ever introduced. Massed against hundreds at the late World's Fair, gold medal was awarded. Take advantage while stock lasts, 25c each; $2.50 per doz.; $20.00 per 100.

Brandywine and Egandale, $3.00 per 100; $25.00 per 1000. Crimson Bedder, rich and profuse bloomer, $2.50 per 100; $20.00 per 1000. Cash. A. Corlin, Elberon, N. J.

Cannas, 500,000 plump, sound roots, no culls, true to name, 2 to 3 eyes and more, all the leading kinds, $7.50 per 1000, and upwards. Write for list and price before you buy elsewhere.
Shellroad Greenhouses, Grange, Balto., Md.

New cannas, Wm. Saunders, Ottawa and New York 50c ea.; $5.00 doz.; $35.00 100.
Conard & Jones Co., West Grove, Pa.

Canna bulbs. Henderson, Austria and Leonard Vaughan, $2.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Cannas. Kate Gray, Florence Vaughan, Burbank, J. C. Vaughan, Robusta, 2c. Souv. de Antoine Crozy, West Virginia, 2½c. Egandale, 2c. Black Beauty, 5c. All fine, solid bulbs.
A. J. Baldwin, Newark, O.

Cannas. Pres. Meyer, fine dazzling scarlet, $3.00. Pennsylvania, Kate Gray, Italia, $2.00 per 100. King Humbert, $2.50 per 12. Postpaid. Tony Toerner, Scio, O.

Cannas, 2 to 3 eyes to each root, in perfect condition and strictly true to name. Varieties and prices are given in display adv.
J. T. Lovett, Little Silver, N. J.

Cannas, dry bulbs of Alemannia, Austria, F. Vaughan, Marlborough (bronze), J. Montel, $1.50 per 100; $12.00 per 1000.
A. Thornhill, Rosedale, Kan.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

Cannas, $2.00 100; $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Cannas. See display adv. for price.
Jos. H. Cunningham, Delaware, O.

Canna roots, $2.00 and $3.00 100.
National Plant Co., Dayton, O.

Cannas, $2.00 and $4.00 per 100.
P. A. Baker, Media, Pa.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

Rooted carnation cuttings from healthy plants growing in virgin soil.

	100	1000		100	1000
Wolcott	$1.40	$10.00	F. Joost	$1.60	$12.50
Q. Louise	1.20	10.00	R. Lawson	1.60	12.50
Enchantress	1.60	15.00	Harlow'den	1.40	12.50
Lawson	1.40	10.00	Prosperity	1.40	12.50

200 at 1000 rate. Express prepaid. Five per cent discount for cash, or will ship C. O. D. subject to approval.
Bassett's Floral Gardens, Loomis, Cal.

Rooted carnation cuttings now ready.

	100	1000		100	1000
R. Craig	$5.00	$40.00	P. Lawson	$1.25	$10.00
Victory	5.00	.....	Q. Louise	1.25	10.00
Ench'tress	2.00	17.50	H'warden	1.50	12.50

Every cutting guaranteed. Cash or C. O. D., subject to examination.
Andrew Peterson, Hoopeston, Ill.

Carnation cuttings.

	100	1000		100	1000
B. Market	$2.00	$15	The Belle	$2.50	$20
Lorna	2.00	15	Bountiful	2.50	20
Prosperity	2.50	20	N. Fisher	2.50	20
Enchantress	2.50	20	R. Craig	6.00	50
Ethel Ward	2.50	20	R. P. En'tress	6.00	50

South Bend Floral Co., South Bend, Ind.

Rooted carnation cuttings.

	100	1000		100	1000
Ench'tress	$2.50	$20	Estelle	$2.00	$15
P. Lawson	2.00	15	L. Bountiful	2.00	15
N. Fisher	2.00	15	B. Market	2.00	15
Ind'napolis	1.50	10	Lorna, white	1.50	10

C. A. Kuehn, 1122 Pine St., St. Louis, Mo.

Carnations, A1 rooted cuttings. These prices for January delivery. Per 1000:

Enchantress	$20	B. Market	$15
Bountiful	25	Lawson	15
Cardinal	25	Harlowarden	15

100 at same rate. Cash with order.
Smith & Gannett, Geneva, N. Y.

ROOTED CARNATION CUTTINGS.

Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings, healthy stock.

Rose-pink Enchantress	$6.00 per 100
Enchantress	2.00 per 100
White Lawson	2.50 per 100
Variegated Lawson	5.00 per 100

Cash or C. O. D.
A. J. STAHELIN, Redford, Mich.

Healthy rooted carnation cuttings. Queen Louise, Hill, Gomez, Norway, Boston Market, $9.00 per 1000. Melody, $5.00 per 100. Red Lawson, $15.00 per 100. Lawson, Harlowarden, Mrs. Nelson, $12.50 per 1000.
Unrooted cuttings of White Cloud and Hill, $3.75 1000. Wm. Ehmann, Corfu, N. Y.

Rooted carnation cuttings.

	100	1000
Lawson, Boston Market	$2.00	$15.00
Enchantress, Queen	2.50	20.00

Cash with order.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100; Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100;	$18.00 per 1000
Bountiful	2.00 per 100;	18.00 per 1000
Estelle	1.50 per 100;	15.00 per 1000

Cash with order.
Blanksma Bros., Grand Rapids, Mich.

Carnation cuttings, well rooted. Lawson, $1.50 per 100; $12.00 per 1000. Enchantress, $2.00 per 100; $18.00 per 1000. These cuttings were taken from the best stock coming into this market.
C. C. Pollworth Co., Milwaukee, Wis.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Elbon, a fine red carnation, easy to grow, a money maker. Fine rooted cuttings, $20.00 per 1000, $2.50 per 100. Send for catalogue of 35 other varieties. Locust St. Greenhouses, J. H. A. Hutchison, Prop., Oxford, Pa.

Our carnation novelties for 1907—Winsor, White Enchantress and Helen Gould. For description of these valuable novelties see our wholesale price list.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations, 2000 Boston Market, well rooted cuttings, $12.50 per 1000; 500 at 1000 rate. Cash. W. H. Drake & Co., 567 Chicago St., Kenosha, Wis.

Carnations Imperial and Pink Imperial. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000. John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., N. Y.

Carnations, strong, healthy, rooted cuttings and 2½-in. pot plants, young stock, leading varieties. Prices are given in display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Rooted carnation cuttings. Helen Goddard, $6.00 100; $50.00 1000. Cash. For other varieties see display adv.
Geo. E. Buxton, Nashua, N. H.

Rooted carnation cuttings for immediate shipment. List of varieties and prices is given in display adv.
Loomis Carnation Co., Loomis, Cal.

Carnation rooted cuttings ready now. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation cuttings ready, healthy and well rooted. Varieties and prices are given in display adv.
Scheiden & Schoos, 60 Wabash Ave., Chicago.

Clean, healthy, well rooted carnation cuttings, ready now. See display adv. for varieties and prices.
Vaughan & Sperry, 58 Wabash Ave., Chicago.

Beacon carnation, orange-scarlet, $2.00 100; $100.00 1000. Send for descriptive circular.
Cottage Gardens Co., Queens, N. Y.
Peter Fisher, Ellis, Mass.

Queen, best standard white, summer or winter. Well rooted cuttings $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

Carnation cuttings. Rose-pink Enchantress, $7.00 100; $60.00 1000. Other varieties given in display adv. W. B. Girvin, Leola, Pa.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Rooted carnation cuttings, cool-grown, sturdy and vigorous. For varieties and prices, see display adv. A. C. Brown, Springfield, Ill.

Rooted carnation cuttings, choice, all free from disease. Varieties and prices are given in display adv. J. L. Dillon, Bloomsburg, Pa.

Victory, White Lawson, Thos. Lawson, Queen Louise, Estelle. Ready now. Write for prices. W. C. Rockwell, Bradford, Pa.

Carnations, selected cuttings, well-rooted. Varieties and prices are given in display adv.
California Carnation Co., Loomis, Cal.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Rooted carnation cuttings, cool-grown. Varieties and prices are given in display adv.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Carnation Boston Market, strong, well rooted cuttings, $1.50 per 100; $12.00 per 1000. Express prepaid. S. W. Pike, St. Charles, Ill.

Well rooted carnation cuttings, healthy stock. For varieties and prices see display adv.
Peter Reinberg, 51 Wabash Ave., Chicago.

Strong, well rooted carnation cuttings. Varieties and prices are given in display adv.
Sol Garland, Des Plaines, Ill.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv.
Valley View Greenhouses, Marlboro, N. Y.

Carnation Helen Goddard. Orders booked for rooted cutings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000.
S. S. Skidelsky, 824 N. 24th St., Phila.

Snowdrift carnation, the money-making white, unrooted cuttings, $5.00 per 1000.
Frank A. Suter, Lancaster, Pa.

Rooted carnation cuttings, leading varieties. Prices are given in display adv.
Wm. Winter, Kirkwood, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv.
J. W. Dunford, Clayton, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv.
E. H. Blameuser, Niles Center, Ill.

Carnation cuttings, leading varieties. List and prices are given in display adv.
Eli Cross, Grand Rapids, Mich.

Rooted carnation cuttings, best varieties. Prices are given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Carnation Aristocrat, $12.00 100; $100.00 1000. March 1 delivery.
Chicago Carnation Co., Joliet, Ill.

Send for list of new carnations and the leading commercial varieties.
Wm. Swayne, Kennett Square, Pa.

Well rooted carnation cuttings, Enchantress, $2.00 100; $18.00 1000.
Jas. Patience, Noroton Heights, Conn.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000.
Rudolph Fischer, Great Neck, N. Y.

Rooted carnation cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

Rooted carnation cuttings. See display adv.
Wm. J. Moore, 1235 Filbert St., Phila.

Rooted carnation cuttings. See display adv.
Henry Baer, Peoria, Ill.

CHRYSANTHEMUMS.

Chrysanthemums. Good, healthy cuttings of Jeanne Nonin, C. Touset, Mrs. Brice, Roi d'Italie, Fred Lemon, Merza, Cobbold, M. Ware, Oct. Sunshine, Beauty of Sussex, $2.00 per 100.
Glory Pacific, Kalb, Monrovia, Polly Rose, Alliance, Mrs. Robinson, J. Shrimpton, Bride, Bonnaffon, Halliday, Duckham, Cullingfordii, Mrs. Chamberlain, Arline, Ermenilda, W. Bonnaffon, Princess, M. Friend, Nellie Pockett, Lincoln, W. Jones, G. Wedding, Ben Wells, Yellow Eaton, Enguehard, Mrs. Weeks, Appleton, G. Trophy, Florence Teal, A. Balfour, Intensity, Mme. Perrin, $1.50 per 100; $12.50 per 1000. Wm. Ehmann, Corfu, N. Y.

Nothing is worth growing but the best. Beatrice May, October Frost, Rosiere, M. F. Plant, Mayor Weaver and E. J. Brooks, $1.00 per doz.
Jeanne Nonin, the unapproachable queen of late mums, also C. Touset, Adelia, J. K. Shaw, Enguehard, Duckham, and the grand prize-winning yellow, Mrs. W. Duckham, only $2.00 per 100. Postpaid.
The Union City Greenhouse, Union City, Pa.

Chrysanthemum cuttings. T. Eaton, $2.00 100. C. Touset, $4.00 100; $35.00 1000. W. Bonnaffon, Ivory, October Sunshine, Major Bonnaffon, Golden Wedding, Walter Molatsch, Pres. Smith, Balfour, Glory of Pacific, J. K. Shaw, Marie Liger, Maud Dean, Dr. Enguehard, $2.00 100; $15.00 1000.
South Bend Floral Co., South Bend, Ind.

3000 Monrovia, rooted cuttings, $2.50 per 100; $20.00 per 1000; 500 at 1000 rate. Monrovia has brought us greater returns than any other variety, for the space used.
400 October Frost, rooted cuttings, $6.00 per 100. With us this has been an extra fine early white. O. L. Baird, Dixon, Ill.

Chrysanthemum stock plants of the following varieties, $4.00 per 100. Kalb, Glory of Pacific, Polly Rose, Pink Ivory, White Ivory, Wm. Duckham, Maud Dean, Marie Liger, Dr. Enguehard, A. J. Balfour, Alice Byron and R. Halliday. W. H. & C. B. Newman, Akron, N. Y.

Chrysanthemums. Stock plants of Mrs. Robinson, Y. Bonnaffon, Peabody, Black Hawk, Modesto, R. Halliday, H. Parr, $3.00 100. Cash.
E. D. Kaulback & Son, Malden, Mass.

Mum stock plants. Order quick. Jeanne Nonin and Golden Chadwick, $4.00 per 100. Still have lots of Nonin flowers.
Klehm's Nurseries, Arlington Heights, Ill.

Unrooted chrysanthemum cuttings. Ivory, White Bonnaffon, Yellow Bonnaffon, Robinson, 70c per 100; $6.00 per 1000.
F. H. Westhoff, De Haven, Pa.

Chrysanthemum stock plants. About 1000 Jeanne Nonin, $1.00 per doz.; $7.00 per 100. W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready. 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

CHRYSANTHEMUMS—Continued.

Chrysanthemum October Frost. Orders taken for rooted cuttings, $6.00 per 100; 2½-in. pots, $8.00 per 100. A. C. Canfield, Springfield, Ill.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Extra large stock plants of Jeanne Nonin, $6.00 per 100.
F. Shearer & Son, Binghamton, N. Y.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, best varieties, 75c per doz. Baur Floral Co., Erie, Pa.

Chrysanthemum stock plants, from bench, $5.00 100. Cash. J. J. Arnold, Homer, N. Y.

Chrysanthemum stock plants, $5.00 100. Cash.
W. J. & M. S. Vesey, Fort Wayne, Ind.

CINERARIAS.

Cinerarias. Benary's, Cannell's, giant flow., for Easter bloom, 2-in., $1.50; 3-in., $3.00 per 100. Cash.
Shellroad Greenhouses, Grange, Balto., Md.

Cinerarias, best strain, 2½-in., $2.50 per 100. Will exchange for cannas or caladiums.
The Newburys, Mitchell, So. Dak.

Cineraria hybrida grandiflora, best strain, 4 and 5-in., $15.00 and $20.00 per 100.
John Stamm, Hutchinson, Kan.

Cineraria hybrida, best colors, mixed, 3-in., strong, $5.00 per 100. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Cineraria hybrids, 2½-in., $4.00; 3-in., $7.00; 4-in., $10.00 100. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Cinerarias, replanted, $1.00; 2-in., $2.00; 3-in., $3.00.
A. Luther, R. D. 4, Kansas City, Mo.

Cinerarias, 2¼-in., $2.00 100.
C. Whitton, City St., Utica, N. Y.

CISSUS.

Cissus discolor, strong, 2½-in. pots, $3.00 per 100. J. E. Jackson, Gainesvillle, Ga.

CLEMATIS.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Good varieties of assorted coleus from 2-in. pots, $2.00 per 100. Cash with order.
O. L. Baird, Dixon, Ill.

Coleus, fine varieties, 2-in., 2c. R. C., 70c 100, prepaid. A. J. Baldwin, Newark, O.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

Coleus, 2½-in., $1.80 100; $15.00 1000.
Springfield Floral Co., Springfield, O.

Coleus, 2-in., $2.50 100. Cash.
Lake Side Greenhouses, Erie, Pa.

CYCAS.

Cycas revoluta stems. Write us.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

CYCLAMEN.

Cyclamen, finest strains, 3-in., $5.00; 4-in., $10.00 per 100. Mostly in bud. Fine Easter stock. J. Sylvester, Florist, Oconto, Wis.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen, 4-in., well budded, $10.00 per 100.
Hermann Holtz, Hammond, Ind.

Cyclamen, 4-in., $10.00; 5-in., $15.00 100.
C. Whitton, City St., Utica, N. Y.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

Dahlias. Pot roots for shipment at once. Every section including the popular cactus, show, fancy, pompon and single, $6.00 per 100 in 25 sorts; better and newer kinds, $8.00 and $9.00 100, post-free, cash with order. See display adv. for list of new varieties. Catalogue free. HOBBIES LIMITED, Dereham, England.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias. Strong field roots of Kriemhilde, Brunhilde, Ruth, Mrs. Winters, Bruton and many others, new, in cactus and decorative, $5.00 per 100; $40.00 per 1000. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Dahlias, strong, field-grown roots, double and single. Varieties and prices are given in display adv. J. T. Lovett, Little Silver, N. J.

Fresh, vigorous stock of dahlias. Write Postum Cereal Co., Ltd., Garden Dept., Battle Creek, Mich.

Dahlia Sylvia, fine, long-stemmed pink, $1.50 per doz.; $10.00 per 100.
Cushman Gladiolus Co., Sylvania, O.

Dahlia roots, whole field clumps, $1.00 doz.; $6.00 100. Cash.
R. Vincent Jr. & Sons, White Marsh, Md.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

DAISIES.

DAISIES, fine strong stock for Easter pot plants or spring-flowering. CASH PRICES.
Queen Alexandra, new white, 2x2½-in., $2.50 and $3.00 per 100.
Etoile d' Or, yellow, 2½-in., $2.50 per 100.
Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash.
Fred Grohe, Santa Rosa, Cal.

Queen Alexandra, best white, $1.25 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Shasta daisies, field-grown divisions, $2.50 100.
Leedham Bulb Co., Santa Cruz, Cal.

Daisies, best varieties. See display adv.
C. Eisele, 11th & Roy, Philadelphia.

Daisies, 2½-in., $2.50; 3-in., $4.00 100.
P. A. Baker, Media, Pa.

Daisies, unrooted cuttings, $1.50 per 100.
F. H. Westhoff, De Haven, Pa.

DRACÆNAS.

Dracaena indivsia, from 4-in. pots, 25 inches, bushy, $10.00 per 100.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa, strong, 6-in., 50c ea.; 4-in. stock, $12.00 per 100.
John Walker, Youngstown, O.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

FERNS.

FERNS MY SPECIALTY.
Please notice the big reductions.
CIBOTIUM SCHIEDEI, the king of ferns, well known for its unequalled beauty and good keeping qualities and as a very easy grower. Strong plants in the following sizes: 2¼-in. pots, $10.00; 3-in. pots, $20.00; 4-in., $40.00; 5-in., $60.00 per 100; 7-in., $1.70 each; 10-in. pots, large specimens, $5.00 each.
Adiantum reginum, beautiful fern, also known as the hardy Farleyense, 4-in., strong plants, $25.00; 5-in., $35.00 per 100. A. rhodophyllum, 4-in., $20.00; 5-in., $35.00 per 100.
Assorted ferns for jardinieres, in all the leading varieties, $3.00 per 100; $25.00 per 1000; 500 at 1000 rate.
J. F. ANDERSON, successor to Anderson & Christensen, Short Hills, N. J.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

Boston ferns, fine, large, 4-in., pot-grown, $12.00 per 100. From bench, for 3-in., $4.50 per 100; for 4-in., $10.00 per 100, $90.00 per 1000; for 5 and 6-in., $20.00 per 100. Elegant stock in A1 condition. Cash with order.
F. W. Heckenkamp, Jr., Quincy, Ill.

Pteris magnifica, Pteris serrulata cristata, Pteris albo-lineata, Pteris Wimsetti and Pteris Ouvrardi, $3.00 per 100, $25.00 per 1000.
Boston, Scottii and Piersoni ferns, 3-in. $8.00, 4-in. $15.00, 5-in. $25.00, 6-in. $40.00 per 100.
J. F. Wilcox, Council Bluffs, Ia.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns from bench for 2½-in., 2½c; 3-in., 5c. Boston and Piersoni, 2½-in. pots, 3c; 3-in., 8c; 4-in., 12c. Barrowsii, bench, for 3-in., 5c; 4-in., 15c; 6-in., 40c.
A. J. Baldwin, Newark, O.

Fine Boston ferns from bench, $5.00 and $10.00 per 100. Satisfaction or money back.
U. G. Harglerode, Shippensburg, Pa.

Ferns. Scottii, 5 and 5½-in., 25c, 35c. Boston, 5-in., 25c; 5½ and 6-in., 35c and 40c.
Brabander & Cornelis, Somerville, N. J.

Bostons and Scottii, bench-grown; and Bostons, pot-grown. See adv. on cover page.
Baur Floral Co., Erie, Pa.

We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
Janesville Floral Co., Janesville, Wis.

Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
J. W. Dunford, Clayton, Mo.

Ferns. Boston, Piersoni, Elegantissima. Prices are given in display adv.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns, 2½-in., Whitmani, $10.00 100. Elegantissima, $5.00 100.
P. R. Quinlan, Syracuse, N. Y.

Nephrolepis Amerpohlii, a grand novelty. See our display adv.
W. P. Craig, 1305 Filbert St., Phila.

Ferns, 2¼-in. Whitmani, $10.00 100. Boston, $3.00 100.
H. H. Barrows & Son, Whitman, Mass.

Ferns, all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Boston and Tarrytown ferns. See display adv. Byer Bros., Chambersburg, Pa.

Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Boston and Pierson ferns, 2¼-in., select stock, $3.50 per 100. J. T. Cherry, Athens, Ill.

Nephrolepis Scottii, extra fine, 6-in., $6.00 per doz. John Walker, Youngstown, O.

Ferns. Scotti and Piersoni, 2¼-in., 3c. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Boston ferns, specimens, $18.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Boston ferns, 6-in., 25c.
C. Eisele, 11th & Roy, Phila., Pa.

FEVERFEW.

Feverfew Little Gem, rooted cuttings, $1.00 per 100; $8.00 per 1000.
S. E. Muntz, 2997 Jackson St., Dubuque, Iowa.

Feverfew, extra fine plants, 2½-in., $4.00 100. Cash. S. J. Goddard, Framingham, Mass.

Feverfew, large, double white, 2¼-in., 2c.
Hammerschmidt & Clark, Medina, O.

Feverfew, rooted cuttings, 75c 100. Cash.
Converse Greenhouses, Webster, Mass.

Feverfew, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

FUCHSIAS.

Fuchsia Little Beauty, strong, 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Fuchsia Little Beauty, 2¼-in., $4.50 100; $40.00 1000. Baur Floral Co., Erie, Pa.

Fuchsia Little Beauty, 2¼-in., $4.00 100. Cash. Lake Side Greenhouses, Erie, Pa.

GERANIUMS.

Geranium Tiffin, new single red of 1906 introduction, received honorable mention at Dayton convention last year. Orders booked now for February delivery, 2-in. plants, $2.00 per doz.; $10.00 per 100.
Ullrich's Greenhouse, Tiffin, Ohio.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100.
St. Clair Floral Co., Belleville, Ill.

Geraniums, ready for immediate delivery. Varieties and prices are given in display adv. We shall be pleased to send you our geranium catalogue and to figure on your wants.
R. Vincent Jr. & Sons, White Marsh, Md.

Please discontinue my classified geranium adv. All sold out.—A. Peterson, Hoopeston, Ill., January 21, 1907. Have YOU surplus stock you wish to dispose of?

Sallerol geraniums, August cuttings, from bench, strong, $15.00 per 1000. From sand, January struck, $10.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Geranium Ora D. Hill, rooted cuttings, $4.00 per 100; $30.00 per 1000. Ready now.
E. C. Hill, Erie, Pa.
S. S. Skidelsky, 824 N. 24th St., Phila.

Geraniums. 3000 S. A. Nutt, 2-in., fall-rooted, $24.00 1000; $2.50 100.
S. T. Danley, Macomb, Ill.

Rose geraniums, strong rooted cuttings, $1.50 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Rose geraniums, 2-in., good, strong plants, $2.00 100. Cash. E. B. Randolph, Delavan, Ill.

Geranium S. A. Nutt, 2¼-in., $2.50 100; $20.00 1000. Cash. Jas. Ambacher, West End, N. J.

Geraniums, rooted cuttings, $1.25 100. Ivy, $1.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Geranium Mme. Salleroi, rooted cuttings, $1.00 per 100. D. R. White, Sandusky, O.

Geraniums, 2½-in., $2.50 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

Geraniums. For price see display adv.
Jos. H. Cunningham, Delaware, O.

Mme. Salleroi, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

GLADIOLI.

Gladioli, Groff's hybrid, choice mixture, No. 1, $8.00 per 1000; No. 2, $6.00; No. 3, $3.00; No. 4, $1.50; the latter will generally bloom. Gladioli in thirty named varieties. See price list. E. Y. Teas Co., Centerville, Ind.

Gladioli. 600 Silver Trophy, section 2; 4000 May, in two lots; 1800 Augusta, in three lots. Write for sizes and closing-out prices.
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Groff's hybrids, good blooming size, $8,00; small blooming size, $5.00 per 1000. Bulblets, $2.00 per peck, $5.00 per bushel.
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Gladioli, all sizes. Stock direct from Groff. Nothing better, $1.00 to $5.00 per 1000.
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Colvillei alba The Bride, white forcing variety, 75c per 100; $6.00 per 1000.
Cushman Gladiolus Co., Sylvania, O.

Gladiolus Augusta, 1st size, $12.00; 2nd size, $8.00 1000. Cash.
Rowehl & Granz, Hicksville, N. Y.

Gladioli as good as the best. Nothing better.
C. Betscher, Canal Dover, Ohio.

Augusta, small sizes, $2.00 to $4.50 per 1000.
John Fay Kennell, Chili, N. Y.

Gladioli, named varieties. Write for list.
E. E. Stewart, Rives Junction, Mich.

Gladioli. Finest stock in the world.
Arthur Cowee, Berlin, N. Y.

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If you are looking for some extra nice 2 to 3 inch silver maples, 2 to 3 inch laurel-leaf willows, 2 to 5 inch Carolina poplars, 1½ to 2½ inch Russian olives, 8 to 10 and 10 to 12 foot white birch, 3 to 4 foot golden willows, 2 to 4 inch box elder, write us. We have lots of them.
The Newburys, Mitchell, So. Dak.

We are headquarters for all the latest and best hardy perennials. We shall be pleased to mail you our catalogue. Royal Tottenham Nurseries, Dedemsvaart, Holland.

Golden Glow, $2.00 per 100. Boltonia asteroides, $5.00 per 100. Weir's cut-leaved maple, fine trees, 8 to 10 ft., $15.00 per 100.
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For Sale. The most complete stock of hardy perennials, dahlias and other bulbs, for spring planting, at reduced prices. Get list.
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Large trees of oaks, maples, pines and hemlocks. We have a full line of all nursery stock and can fill orders promptly.
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An immense stock of both large and small size evergreen trees in great variety; also evergreen shrubs.
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Trees and shrubs, immense quantities. Price list on application. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Wholesale growers of nursery stock for the American trade. Catalogue on application.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list.
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Trees, shrubs, and evergreens in good assortment. Catalogue for the asking.
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English manetti, gooseberries and ornamentals for florists and nurserymen.
H. Frank Darrow, P. O. Box 1250, New York.

Viburnum plicatum all sizes, spiraeas, deutzias, etc. Write for prices.
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Herbaceous plants, field-grown. Send for list.
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Fruit and ornamental trees.
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HELIOTROPES.

Heliotropes (dark), good stock, strong and well rooted, R. C., 60c 100; $5.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dwarf varieties, 2-in., 2½c; rooted cuttings, 75c 100. Prepaid.
A. J. Baldwin, Newark, O.

Heliotropes, dwarf varieties, 2-in., $2.50. Rooted cuttings, $1.00 per 100.
N. O. Caswell, Delavan, Ill.

HOLLYHOCKS.

Double hollyhocks, 2½-in., $2.75 per 100.
H. B. Snow, Camden, New York.

HONEYSUCKLES.

Bush honeysuckle, White Tartarian, fine stock, 3 to 3½ ft., $8.00 per 100; 2 to 3 ft., $6.00 per 100. Mount Arbor Nurseries, Shenandoah, Iowa.

HYDRANGEAS.

Hydrangea Otaksa, field-grown, potted off in September; 4, 5 and 6-in. pots, suitable for 5, 6, 7 and 8-in. pots, $10.00, $15.00 and $25.00 per 100. Well shaped and hardened off.
Hermann Holtz, Hammond, Ind.

Hydrangea paniculata grandiflora, good stock, $7.50 per 100.
Mount Arbor Nurseries, Shenandoah, Iowa.

IVY.

Hardy English ivy, 4-in., $1.50 doz.; $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

German ivy. R. C., 50c 100; $4.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

English ivy, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

LILACS.

Syringa grandiflora, 3 years, strong, $15.00 per 100. John Stamm, Hutchinson, Kan.

LILY OF THE VALLEY.

Lily of the valley, selected, early-forcing pips, $1.75 100; $14.00 1000.
H. N. Bruns, 1409 Madison St., Chicago.

Lily of the valley pips, finest quality for early and late forcing.
H. Frank Darrow, Box 1250, New York.

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Manetti stocks for florists' use. Best French grown. Sizes and prices are given in display adv. Jackson & Perkins Co., Newark, New York.

English Manetti for florists and nurserymen.
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Manetti stocks, $8.50 1000.
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Lambert's pure culture mushroom spawn has never failed to run. Practical instructions on mushroom culture mailed free if you mention The REVIEW.
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English mushroom spawn. Full particulars and information on mushroom culture free if you mention The Florists' Review.
Gundestrup & Co., 4273 Milwaukee Ave., Chicago.

High-grade mushroom spawn always on hand.
Johnson Seed Co., 217 Market St., Phila., Pa.

Reliable English mushroom spawn.
H. F. Michell Co., 1018 Market St., Phila.

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Weeping mulberries, strong, 1-yr.-old heads, grafted, 5 to 6 ft., $45.00 per 100.
Aralia japonica, 4 to 6 ft. high, $20.00 per 100; 6 to 8 ft. high, $25.00 per 100.
Catalpa Bungei, 2 and 3-yr. heads, grafted, 7 ft. high, $40.00 per 100.
Lilac Charles X, on own roots, 4 yrs. old, 3 to 4 ft., $18.00 per 100; 4 to 5 ft., $20.00 per 100.
Barberry Thunbergi, 5 yrs. old, good, heavy stock, 2½ to 3 ft., $25.00 per 100.
Privet Amurense, bushy plants, 4 to 5 ft., $25.00 per 100; 3 to 4 ft., $18.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

Edward Bellamy althaea, best double pure white in cultivation, 2 to 3 ft., $5.00 per 100.
Calycanthus (sweet shrub), 1½ to 2 ft., transplanted, $5.00 per 100.
Wistaria magnifica, 3 years transplanted, $3.00 per 100; $25.00 per 1000.
Sugar maple seedlings, very fine, 1 to 1½ ft., $8.00 per 1000; 6 to 12 inches, $5.00 per 1000.
E. Y. Teas Co., Centerville, Ind.

The FLORISTS' MANUAL, by Wm. Scott. It tells you just what you want to know in just the way you want to be told. It's ready now. Price, $5.00. Prepaid.
Florists' Pub. Co., Caxton Bldg., Chicago.

Deciduous trees and shrubs. Send for price list. Cottage Gardens Co., Queens, N. Y.

American white elm, extra fine, nursery-grown.
Chas. Hawkinson, Excelsior, Minn.

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Orchids. A large importation in perfect condition just received.
Carrillo & Baldwin, Secaucus, N. J.

Orchids, established and semi-established.
Julius Roehrs Co., Rutherford, N. J.

Orchids for spring and summer delivery.
A. Held, 11-19 William St., New York.

Orchids, all varieties.
Lager & Hurrell, Summit, N. J.

OXALIS.

Oxalis, summer or bedding, 4 distinct colors, named, 50c per 1000; 10,000, $4.00; 100,000, $25.00. Two-year-old bulbs, $2.00 per 1000.
E. Y. Teas Co., Centerville, Ind.

PALMS, ETC.

Pandanus Veitchii, 24 in. high, $1.00 ea.; large plants, $1.50 to $3.00 ea.
J. A. Peterson, Westwood, Cincinnati, O.

Kentia Forsteriana, Belmoreana, Cocos Weddelliana, all sizes. See display adv. for prices.
G. Aschmann, 1012 Ontario St., Phila.

Livistona rotundifolia, well-leaved and clean, $6.00, $9.00 and $12.00 per doz.
Julius Roehrs Co., Rutherford, N. J.

Latania Borbonica, 4-in., $15.00 100. Kentia Belmoreana, 5-in., $60.00 100.
Storrs & Harrison Co., Painesville, O.

We have some fine specimen kentias and other decorative plants.
Bobbink & Atkins, Rutherford, N. J.

Pandanus Veitchii, all sizes, $1.00 to $3.50 each. J. W. Young, Germantown, Phila., Pa.

Pandanus Veitchii, rooted cuttings, $12.00 per 100. Henry S. Pennock, Neptune, Fla.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
J. H. Krone, Jr., Fort Smith, Ark.

Pansy plants, Perret and Trimardeau strains, strong frame-grown, fine for Easter, $3.00 per 100; $25.00 per 1000. Cash.
Gustave Freytag, Hilltop Pl., West Orange, N. J.

Pansies of a superior strain, large-flowering, well marked, $3.00 per 1000.
C. F. Mahan, R. D. 8, Dayton, O.

Pansy plants. Prices are given in display adv.
Jos. H. Cunningham, Delaware, O.

Pansy plants. See display adv.
F. A. Baller, Bloomington, Ill.

PEONIES.

Peonies. Queen Victoria (Whitleyii), $9.00 per 100; Festiva maxima, $30.00 per 100; Fragrans, the bloom producer, $6.00 per 100. For other varieties and 1000 rate, write
Gilbert H. Wild, Sarcoxie, Mo.

Wholesale grower of peonies. List of 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies a specialty. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 1200 sorts. Greatest list anywhere.
C. Betscher, Canal Dover, Ohio.

PETUNIAS.

Petunia The Queen, strong plants, 2¼-in., $1.50 doz.; $10.00 100; $90.00 1000. Ready Feb. 15.
Yates Floral Co., Canajoharie, N. Y.
Scranton Florist Supply Co., Scranton, Pa.

Petunias, double mixed. Rooted cuttings, 75c per 100, $5.00 per 1000; 2½-in., $1.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

Double petunias, mixed, 2-in. pots, $4.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

Petunias, double, Dreer's strain, 2-in., 3½c.
A. J. Baldwin, Newark, O.

Petunias, $1.25 100; $10.00 1000.
C. Humfeld, Clay Center, Kan.

PHLOXES.

Hardy phlox, best assortment, standard varieties, 2-year, field clumps, $3.00 per 100.
John Stamm, Hutchinson, Kan.

POINSETTIAS.

We have to offer 2000 poinsettias, strong, healthy, dormant stock, at $6.00 per 100, or $50.00 per 1000. Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

Poinsettias, 2½-in., $5.00 100; $45.00 1000.
Baur Floral Co., Erie, Pa.

PRIMULAS.

Primula obconica, all colors, including new carmine. In bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100. Forbesi, in bud and bloom, 3-in., $5.00 per 100. Chinese, in bud and bloom, 3-in., $5.00; 4-in., $10.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

40 5-in. Chinese primroses, 40 5-in. Primula obconica, all extra strong, 10c each, or will exchange for unrooted carnation cuttings of White Lawson, Patten or Estelle.
R. A. Mason & Co., Cadillac, Mich.

PRIMULAS—Continued.

Primula obconica, strong, 3½ and 4-in., full of bloom, $20.00 and $25.00; extra heavy seedlings, $3.00, or will exchange for geranium rooted cuttings.
W. W. Seekins, Duluth, Minn.

Primulas. Chinese, 3½-in. pots, in full bloom, $8.00 per 100. Buttercup, 3½-in. pots, in full bloom, $7.00 per 100. All plants are very strong. Carl Meier, Green Bay, Wis.

300 Chinese primulas, Rupp's strain of seed, 4-in., $6.00 100; all in bloom and fine. 1000 obconica, 2 and 3-in. pots, $2.00 and $3.00 100.
U. G. Harglerode, Shippensburg, Pa.

Chinese primroses, good, strong plants, in bud and bloom, $5.00 per 100. We must have the room. Krueger Bros., Toledo, Ohio.

Chinese primroses, 5-in., in bloom, all colors, $10.00 per 100. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Primula obconica, 2½-in., 3c; 3-in., 4c. Chinese, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

Chinese primroses, good, strong plants, 3½-in., $5.00 per 100.
Rode Bros., Bowling Green, Ohio.

Primula sinensis, 4-in., $1.50; 5-in., $2.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Primula obc. gig., 3½-in., bud and bloom, 6c.
Hammerschmidt & Clark, Medina, O.

Baby primroses, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

PRIVET.

10,000 California privet, 1-year, well rooted, $1.25 per 100; $10.00 per 1000.
W. F. Allen, Salisbury, Md.

Privet Amurense, bushy, 4 to 5 ft., $25.00; 3 to 4 ft., $18.00 100.
Kiehm's Nurseries, Arlington Heights, Ill.

Privet Japonica and Amoor River, 2-year, $2.50 and $3.00 per 100.
John Stamm, Hutchinson, Kan.

250,000 California privet, all sizes. Send for trade list. Valdesian Nurseries, Bostic, N. C.

Privet cuttings, $1.25 1000.
H. T. Jones, Elizabeth, N. J.

California privet, all sizes.
J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendrons, bushy, leading forcing var., 18 to 20 in. high, $9.00; 20 to 24 in., $12.00 doz. Storrs & Harrison Co., Painesville, O.

ROOTED CUTTINGS.

Vinca var., 90c. Ageratums, 60c. German ivy, 60c. Hardy pinks, 75c to $1.00. Cash. Other stock is given in display adv.
Shippensburg Floral Co., Shippensburg, Pa.

Alternantheras, 60c 100; $5.00 1000. Salvias, heliotropes, $1.00 100; $8.00 1000. Coleus, 70c 100. Feverfew, $1.25 100.
C. Humfeld, Clay Center, Kan.

Vinca var., Salvia splendens, 90c. Heliotropes, double petunias, $1.00. Other stock given in display adv.
Byer Bros. Chambersburg, Pa.

ROSES.

Roses. Baby Ramblers, the strongest, dormant budded stock in the country, $25.00 per 100; 2-year, No. 1, own root, $15.00 per 100; 1-year, No. 1, own root, $12.00 per 100; 2¼-in. pot plants, $4.00 per 100, 250 plants for $7.50; 4-in. pot plants, in bloom, March and April, $15.00 per 100.
Brown Bros. Co., Rochester, N. Y.

Roses for spring blooming. The proper sorts. Jacq, Brunner, La France, Magna Charta, American Beauty, Crimson Rambler, etc. Fine field-grown plants that have never been forced, suitable for 5-in. pots, 7c; extra strong for 6 or 8-in., 10c. Crimson Rambler, XXX, long tops, 20c. Packed free for cash.
W. H. Salter, Rochester, N. Y.

We are now booking orders
For early delivery
GRAFTED AND OWN ROOT ROSE PLANTS
Bride, Maid, Kaiserin, Carnot,
Wellesely, Killarney and Richmond.
Send for prices.
W. H. ELLIOTT, Brighton, Mass.

"WE GROW TO ORDER"
For March, April and May delivery, Bride, Bridesmaid, Perle, Chatenay, Ivory and Richmond rose plants from 2½-in. pots at $3.00 per 100, $25.00 per 1000. First-class stock guaranteed. J. F. AMMANN, Edwardsville, Ill.

Roses, rooted cuttings. G. Gate, $1.25 per 100; $10.00 per 1000. Ivory, $1.25 per 100; $10.00 per 1000. Bridesmaid, $1.25 per 100; $10.00 per 1000.
Andrew Peterson, Hoopeston, Ill.

Rose Miss Kate Moulton, splendid in growth, 2½ and 3-in. pots, $12.00 100; $50.00 500; $100.00 1000. Early spring delivery.
Sibson Rose Nurseries, 1180 Milwaukie Ave., Portland, Ore.

Own root roses, 2 yrs. C. Ramblers, $7.00. Dorothy Perkins, P. W. and Y. Ramblers, $5.00. H. P. roses and Baby Ramblers, $8.00 100.
Gilbert Costich, Rochester, N. Y.

Roses, strong, healthy cuttings and pot plants. Young stock, leading varieties. Prices are given in display adv.
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The beautiful new pink rose, MISS KATE MOULTON, is the queen of all pink roses. Write us about it.
Minneapolis Floral Co., Minneapolis, Minn.

Field-grown roses, low-budded, 2 yrs. old, well rooted. A list of varieties and prices is given in display adv.
F. Ludemann, Baker St., San Francisco, Cal.

Roses, two-year-old, field-grown, Kaiserin Augusta Victoria, $15.00 per 100. Clean, well rooted stock.
Josiah Young, 4 Grand St., Troy, N. Y.

KILLARNEY. Rooted cuttings and plants—large stock—early delivery. Write to headquarters.
WEILAND & RISCH, 59 Wabash Ave., Chicago.

Rooted cuttings of Bride and Bridesmaid roses, $1.50 per 100.
Brant Bros., Utica, N. Y. Successors to Peter Crowe.

Grafted roses. Kaiserin, Bride, Maid, Killarney, Richmond, $120.00 1000. March delivery.
Robt. Scott & Son, Sharon Hill, Pa.

Roses, strong rooted cuttings, leading varieties. See display adv. for prices.
Peter Reinberg, 51 Wabash Ave., Chicago.

Maman Cochet roses, white and pink, dormant stock, 4-in., $10.00 per 100.
John Stamm, Hutchinson, Kan.

H. P. roses, choice named, $1.50 doz. La France, $9.00 100.
F. A. Baller, Bloomington, Ill.

Bride and Maid, from bench, dormant, $6.00 100; $50.00 1000.
B. E. Wadsworth, Bx. 224, Danville, Ill.

Roses, 2-yr., field-grown, well rooted. See display adv.
Jackson & Perkins Co., Newark, New York.

Roses and all Holland grown plants in choicest varieties.
H. Frank Darrow, Box 1250, New York.

Rooted rose cuttings. Fine stock. See display adv.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Roses, strong, well rooted cuttings. See display adv. W. H. Gullett & Sons, Lincoln, Ill.

Field-grown roses, 2-yr.-old, budded, $9.00 100.
Sunset Nursery, 1506 Dwight Way, Berkeley, Cal.

Queen Beatrice, the new pink rose. Write F. H. Kramer, 916 F St., Washington, D. C.

Low-budded roses, No. 1, $95.00; No. 1½, $65.00 1000. H. T. Jones, Elizabeth, N. J.

Rose plants on own roots, now ready. Write for list. C. M. Niuffer, Springfield, O.

Hybrid roses, 2-yr., field-grown, $12.00 100.
Storrs & Harrison Co., Painesville, O.

Roses, rooted cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

Roses, 2½ and 4-in. Write for prices.
Springfield Floral Co., Springfield, O.

New pink rose, Aurora. Write
Paul Niehoff, Lehighton, Pa.

Leedle Co., 101 best sorts, Springfield, O.

RUBBERS.

Rubbers, top cuttings, out of 3's. Strong, healthy plants, ready for delivery, $150.00 1000. In lots of 500 or less, $16.00 per 100; in lots of 100 or less, $17.00 per 100.
A. C. Oelschig & Son, Savannah, Ga.

Rubbers, strong plants, 4-in., 20c; 5-in., extra strong, 25c. Cash.
Fuhlbruegge Bros., Winona, Minn.

SALVIAS.

Salvias, good, strong rooted cuttings of St. Louis and Bonfire, $1.00 100; $8.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

Salvia St. Louis, rooted cuttings, 60c per 100; 2½-in., $2.00 per 100.
Andrew Peterson, Hoopeston, Ill.

SANSEVIERIAS.

Sansevierias, strong, 4-in., $1.50 doz.
C. Eisele, 11th & Roy, Philadelphia.

SEEDS.

Headquarters for cauliflower and Tripoli onion seed, Crystal Wax and Bermuda, and all other vegetable seeds of unrivaled quality. All flower seeds grown on an enormous scale. Ask for wholesale catalogue. Dammann & Co., San Giovanni a Teduccio, Italy.

Vegetable, flower and agricultural seeds. My specialties are Phlox Drummondii, and Lucerne of Provence (alfalfa). May I send you my catalogue? Jacques Rolland, Nimes, France.

Aster seed. Watkins & Simpson's Covent Garden strain. New white, Comet Express, earlier and larger than Queen of Market, tr. pkt., 25c; ¼ oz., 60c; oz., $2.00. Queen of Market, pink, white, purple, crimson, tr. pkt., 15c; oz., 50c. Branching, white, shell-pink, lavender, tr. pkt., 15c; ¼ oz., 25c; oz., 75c.
Monadnock Greenhouses, Keene, N. H.

Dreer's reliable flower seeds. New crops are now ready to send out. Display adv. gives a short list of the varieties which should be sown early. Send for our catalogues which contain the most complete offerings of seeds, plants and bulbs.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

Seeds of palms, ferns, asparagus, callas, cyclamen, Primula sinensis, tropical plants; white and red Bermuda onions, the true Teneriffe seed. Send for illustrated wholesale catalogue. Albert Schenkel, Seed Grower, Hamburg, Germany.

Seeds. L. C. Nungesser, Griesheim, nr. Darmstadt, Germany, exporter and importer. Specialties: Selected grass and clover seeds, alfalfa of Provence and Turkestan; free from dodder and cuscuta. Crimson clover.

Seeds. Suhr's genuine Danish cauliflower, Dwarf Erfurter and Danish Giant, and Danish Ball Head cabbage.
Wholesale only. Write for particulars.
S. Suhr, Copenhagen, Denmark.

Seed of Phoenix Roebelenii, the easiest and best palm to grow, also the most useful for all kinds of decorative work, $7.00 per 1000.
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ASTER SEED. Selected strain of Vick's Daybreak (pink), 50c oz.; $2.00 ¼ lb.; $6.00 lb. You cannot duplicate this anywhere.
BARTELDES SEED CO., Denver, Colo.

High grade aster seed from the best American and European growers. Our display adv. gives a list of varieties and prices.
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RELIABLE SEEDS. Sow the TRUE thing now. A miscellaneous list of varieties with prices is given in display adv.
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Danish seed, Cauliflower Snowball, and Haages, extra early Erfurter Dwarf. Cabbage White Amager (Stonehead). Write
Chris. Olsen, Odense, Denmark.

Choice vegetable seeds for forcing. Cucumber, cauliflower and others are given in display adv. in this issue.
Stokes' Seed Store, 219 Market St., Phila.

Florists' flower seeds, new crop of the finest quality. For complete list of seeds, send for trade price list.
Currie Bros. Co., Milwaukee, Wis.

A few more Asparagus comorensis seeds, $12.00 per lb.; $2.00 per 1000. Order at once.
Golden State Plant & Floral Co., Santa Monica, Cal.

Choice flower seeds, finest strains. Price list on application.
H. B. May & Sons, Upper Edmonton, London, England.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Aster seed, commercial sorts, 25c tr. pkt.; 60c ¼ oz. Ostrich Plume, 50c tr. pkt., 75c ⅛ oz.
Geo. B. Hart, 24 Stone St., Rochester, N. Y.

Cauliflower seed, Earliest Dwarf Erfurt, best variety, 1906 crop, $7.00 lb. C. S. Daniels & Son, Wymondham, Norfolk, England.

Asparagus plumosus nanus, greenhouse-grown, $5.00 1000. Bridgeman's Seed Warehouse, 37 E. 19th St., New York.

Choice Carlson white China aster seed, $1.00 per oz. Cash. W. H. Drake & Co., 567 Chicago St., Kenosha, Wis.

Vegetable seeds, cucumbers, lettuce, radishes, etc. Prices are given in display adv.
Landreth Seed Co., Bristol, Pa.

Mammoth verbena seed, 75c oz. Other seeds are offered in display adv.
W. C. Beckert, Allegheny, Pa.

Rawson's hothouse cucumber, 60c oz. Scarlet Conical radish, 90c lb.
W. W. Rawson & Co., Boston, Mass.

Farquhar's Perfection forcing cucumber, 25c pkt.; 35c ¼ oz.
R. & J. Farquhar & Co., Boston, Mass.

Garden seeds in variety, Maine seed potatoes, onion sets, etc. Correspondence solicited.
S. D. Woodruff & Sons, Orange, Conn.

Wholesale seed growers. Onion, lettuce, carrot and sweet pea seeds are specialties.
Pacific Seed Growers' Co., San Francisco, Cal.

Grower of special strains of melons and cucumbers. Contract orders solicited.
D. V. Burrell, A 11, Rocky Ford, Colo.

Shasta daisy and petunia seeds. Description and price are given in display adv.
Fred Grohe, Santa Rosa, Cal.

Greenhouse-grown Asparagus plumosus nanus seed, ready now, $3.00 per 1000.
J. S. Ashbridge, East Downingtown, Pa.

Asparagus plumosus nanus seed, $2.00 1000 seeds; $10.00 6000 seeds.
Taylor Seed Co., Glendale, Cal.

100,000 greenhouse-grown Asparagus plumosus nanus seed, ready now.
Jos. Wood, Spring Valley, N. Y.

We are growers of onion sets.
Gundestrup's Seed Store.
4273 Milwaukee Ave., Chicago.

Cauliflower and cabbage seed.
Hjalmar Hartmann & Co., Copenhagen, Denmark, or 31 Barclay St., N. Y. City.

Wholesale grower of vegetable and flower seeds. Selected stocks.
A. J. Pieters Seed Co., Hollister, Cal.

Seed growers for the trade. Write us before placing contracts.
S. M. Isbell & Co., Jackson, Mich.

Flower seed for early sowing. Send for our preliminary list.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Cyclamen giganteum seed, $1.00 200; half packet, 50c.
John F. Rupp, Shiremanstown, Pa.

Asparagus plumosus, picked fresh, $2.50 per 1000. Hopkins & Hopkins, Chepachet, R. I.

SEED POTATOES. Early Michigan and Irish Cobbler. F. M. Pattington, Scipioville, N. Y.

Mammoth rhubarb seed, by mail, $1.00 lb.; 10c oz. John L. Lutz, Sr., Scarboro, Ill.

Wholesale seed grower. Correspondence solicited. Waldo Rohnert, Gilroy, Cal.

Walters' Improved Telegraph cucumber, $4.00 oz. A. A. Walters & Son, Bath, England.

We are headquarters for Carlson aster seed.
E. H. Hunt, 76 Wabash Ave., Chicago.

We are growers of Puget Sound cabbage seed.
Chas. H. Lilly Co., Seattle, Wash.

Melon seeds a specialty. Wholesale only.
Freeman Hurff, Swedesboro, N. J.

Comet tomato seed, $5.00 oz.
Wm. Sim, Cliftondale, Mass.

Asparagus plumosus seed.
Jos. H. Cunningham, Delaware, O.

SHAMROCKS.

Genuine Irish shamrock (original plant came from cemetery of Downpatrick in Ireland) now ready, 2½-in., $4.00 per 100, $35.00 per 1000; 250 at 1000 rate. 15c ea., 60c doz., by mail. Cash.
J. D. Harcourt's Sons, Wappingers Falls, N. Y.

Irish shamrocks, 60c doz.; $4.00 100. Cash.
John F. Rupp, Shiremanstown, Pa.

SHRUBS.

Syringa japonica, 8 to 12 in., $5.00 per 100. Berberis Sieboldii, allied to Thunbergi, 6 to 12 in., $5.00 per 100. Wistaria sinensis magnifica, 1-yr. seedlings, $2.00 per 100; 2-yr. plants, $5.00 per 100. Send for list of bulbs and hardy plants. E. S. Miller, Wading River, N. Y.

Cut leaf Staghorn sumach, large stock, 6c, 8c, 12c and 15c. Edw. Teas, Joplin, Mo.

All kinds of hardy shrubs. Ask for prices.
Klehm's Nurseries, Arlington Heights, Ill.

SMALL FRUIT PLANTS.

Dewberry plants, Lucretia and Austin, $5.00 per 1000, $20.00 per 5000; Premo, $6.00 per 1000, $25.00 per 5000. Turner red raspberry plants, $6.00 per 1000, $25.00 per 5000.
W. F. Allen, Salisbury, Md.

SMILAX.

One thousand strings smilax, $10.00 per 100. Cash.
E. S. Blauvelt, Wholesale Florist, Coeymans, N. Y.

Smilax, strong, 2-in., $1.20 per 100; $10.00 per 1000. F. Griswold, Worthington, O.

Smilax seedlings, fall-sown, $3.00 1000.
F. A. Baller, Bloomington, Ill.

SPIRAEAS.

Spiraeas, leading varieties. Prices are given in display adv.
Storrs & Harrison Co., Painesville, O.

Spiraeas, extra fine clumps, leading varieties. See display adv.
F. W. O. Schmitz, Prince Bay, N. Y.

STOCKS.

Stocks. Snowflake or Dwarf Bouquet, Benary's strain, 90% double, white, blue, red, each separate for Easter bloom, 2-in., $2.00 per 100. Cash.
Shellroad Greenhouses, Grange, Balto., Md.

STOVE—GREENHOUSE PLANTS

STOVE AND GREENHOUSE PLANTS.
Largest collection in the U. S.
Small plants and specimens.
Catalogue sent on application.
JULIUS ROEHRS CO., Rutherford, N. J.

STRAWBERRY PLANTS.

Strawberry plants, 90 best varieties, stock unexcelled. Ask for prices on what you want.
W. F. Allen, Salisbury, Md.

UMBRELLA PLANTS.

Umbrella plants, 2-in., $1.50 100. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

VEGETABLE PLANTS.

50,000 large, 4-year-old Barr's Mammoth asparagus roots, $6.00 per 1000; $25.00 per 5000; 500 will fill a sugar barrel.
W. F. Allen, Salisbury, Md.

Rhubarb and asparagus for forcing. Prices of these and vegetable seeds are given in display adv.
Stokes' Seed Store, 219 Market St., Phila.

Cabbage plants. Extra Early Jersey Wakefield, $2.00 per 1000.
A. H. Dailey, Knoxville, Tenn.

Grand Rapids lettuce, fine plants, $1.00 per 1000. J. C. Schmidt Co., Bristol, Pa.

Cabbage, lettuce, parsley and tomato plants.
R. Vincent Jr. & Son, White Marsh, Md.

VERBENAS.

Verbenas, finest named var., rooted cuttings, 75c 100; $6.00 1000. Plants, $2.50 100; $20.00 1000. J. L. Dillon, Bloomsburg, Pa.

Verbenas, rooted cuttings, 60c 100; $5.00 1000.
C. Humfeld, Clay Center, Kan.

VINCAS.

10,000 fine, strong, 2-in. Vinca var., ready for shifting, $2.00 per 100, $17.50 per 1000. Also rooted cuttings, dark and light green varieties, 90c per 100, $7.50 per 1000. Cash, please. I need the room.
F. C. Greene, Innis & 7th St., Oil City, Pa.

Vinca var., 2½-in., $2.50 per 100; $20.00 per 1000. Strong rooted cuttings, $1.00 per 100; $7.00 per 1000. Cash.
Benj. Connell, West Grove, Pa.

Myrtle (Vinca minor). Here I am again with the biggest stock in America, $10.00 to $40 00 1000. S. J. Galloway, Eaton, O.

Vinca var., 3-in., $4.00; 2½-in., $2.50. Rooted cuttings, 80c per 100.
H. B. Snow, Camden, New York.

15,000 Vinca var., R. C., 90c 100; $7.50 1000. 5000 larger sizes. Write
Otto Bourdy, Lowell, Mass.

Vinca var., field clumps, 1st size, $5.00; 2nd size, $4.00 100. Cash.
J. J. Arnold, Homer, N. Y.

Vinca var., 2½-in., 2½c; 500 fine 4-in., 5c. Need room.
U. G. Harglerode, Shippensburg, Pa.

Vinca major, field grown, $6.00 100.
Baur Floral Co., Erie, Pa.

Vinca var., strong plants, $3.00 100.
A. Luther, R. D. 4, Kansas City, Mo.

Vinca var., 2½-in., $1.50 per 100.
J. C. Schmidt Co., Bristol, Pa.

VINES AND CLIMBERS.

Kudzu vines, large stock, 10c, 15c and 25c.
Edw. Teas, Joplin, Mo.

VIOLETS.

Violet blooms, fine crop from cold-frames, and rooted runners of Marie Louise. A1 stock now ready, $1.00 per 100; $7.50 per 1000. Cash with order, please.
C. Lawritzen, Bx. 261, Rhinebeck, N. Y.

Violets, 300 2½-in. Princess of Wales, in bud, $2.00 per 100. 300 clumps of L. H. Campbell, in bud, $4.00 per 100.
A. B. Campbell, Cochranville, Pa.

Princess violets, strong, field-grown plants, $50.00 1000. Wm. Sim, Cliftondale, Mass.

MISCELLANEOUS.

We must have room. A miscellaneous list of plants and rooted cuttings is offered in display adv. Look it up and write at once.
Geo. A. Kuhl, Pekin, Ill.

Miscellaneous plants from 2-in., $2.00 per 100. See display adv. for list.
Fred Grohe, Santa Rosa, Cal.

TO EXCHANGE.

To Exchange—I have a fine lot of Piersoni and Boston ferns, 6, 7 and 8-in. pots, very choice, to exchange for carnation cuttings, chrysanthemum cuttings and geraniums in 2½-in. pots. The above must be good stock.
H. P. Kleinhans, Centre Square, Easton, Pa.

To Exchange—3000 canna bulbs of Charles Henderson and Austria, $2.00 per 100, for good carnation cuttings. If you are growing Tidal Wave, Silver Spray or Lizzie McGowan, please answer this adv. Arlin & Arlin, Clyde, Ohio.

To Exchange—Chrysanthemum stock plants, C. Touset, $8.00 per 100; Jeanne Nonin, $8.00 per 100; Chadwick, $6.00 per 100; Omega, $5.00 per 100; W. Bonnaffon, $5.00 per 100; yellow, $5.00 per 100; for geranium cuttings, assorted, of S. A. Nutt, Jean Viaud, Ricard or Harrison, La Favorite, Beaute Poitevine, also coleus, the large leaved variety; salvias, Salleroi geraniums, and fuchsias. Must be good stock.
Ernest Oechslin, 188 Madison St., River Forest, Ill.

To Exchange—Chrysanthemums, rooted cuttings of Jeanne Nonin, Robinson, Enguehard, White and Yellow Jones, Bonnaffon, Golden Wedding, Ben Wells, Willowbrook, Monrovia, Wm. Duckham, T. Eaton and others; carnations, rooted cuttings, A1 stock of Boston Market, Mrs. Lawson, Enchantress, Crocker and others; for rooted cuttings of 2¼-in. geraniums and other bedding stock, or what have you?
Chas. L. Baum, Knoxville, Tenn.

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Mason & Co., Cadillac, Mich.

To Exchange—See adv. under cinerarias.
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To Exchange—See my primula adv.
W. W. Seekins, Duluth, Minn.

To Exchange—See display adv.
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Wanted—Mrs. Roosevelt calla.
Wanted—You to see my display adv.
Wanted—You to send for my price list of hardy plants, etc. It's free.
S. J. Galloway, Eaton, O.

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Order in time. Don't delay. Our cuttings are strong, healthy, and well rooted. Unrooted cuttings at half price.

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Enchantress	$2.00	$17.00
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Ageratum, 2 kinds, 60c. **Vinca var.,** 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. **German Ivy,** 60c. **Fuchsias,** $1.00. Giant Marg. **Daisies,** white, $1.00. **Alternantheras,** red and yellow, 50c. **Heliotropes,** blue, 85c. **Verbenas,** mixed, 60c. Cash.

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Ferns, Scottii and Piersoni, 2¼-in., 8c.
Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's best seed,** $1.25 per 100, prepaid. Cash. **SHIPPENSBURG FLORAL CO. Shippensburg, Pa.**

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BABY CALLAS—3-in., $3.00 per 100.

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An Araucaria, a pet for our little girl
Now we have two pets, the pride of our thought:
The little girl so sweet, a head full of curls,
And the Araucaria with its everlasting green—
A more joyful home you never have seen.

Araucaria compacta robusta and glauca is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old, 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa. 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high, 6-inch pots, 50c; $5.00 per dozen. Full of golden waxy foliage from top to bottom, the best Dracaena known for house decoration; stands any amount of heat and dust; a great favorite all over Europe; easy to keep.

FERNS—All raised in pots and not on bench, as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a wash-tub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

Cineraria Hybrida, H. F. Michell's best strain, 2¼-in. pots, $4.00 per 100; 3-in. pots, strong plants ready for a shift into 5½ or 6-in. pots, $7.00 per 100; 4-in. pots, $10.00 per 100.

Areca Sapida, 6-in., 50c each.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

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Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

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First-class CARNATION CUTTINGS that will give satisfaction

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$15.00
Cardinal	25.00	Mrs. Lawson	15.00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

5 per cent discount for cash with order.

HENRY BAER, R. F. D. 3, Peoria, Ill.

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Rooted Carnation Cuttings

Enchantress	$2.00 per 100;	$18.00 per 1000
Boston Market	1.50 per 100;	12.50 per 1000
Mrs. Lawson	2.00 per 100;	18.00 per 1000

We prepay express and guarantee to please you in every way.

S. T. Danley, Macomb, Ill.

Ferns From Bench

Boston Ferns, 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; runners, $1.50 per 100.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds, 50c. Flowering Begonias, 8 kinds, $1.25. Rex Begonias, 20 kinds, mixed, $1.25. Cash or C. O. D.

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PACIFIC COAST.

SAN FRANCISCO, CAL.—Prof. N. E. Hansen, of Brookings, S. D., has reached here on a trip around the world, searching for new plants for the U. S. Department of Agriculture.

LOS ANGELES, CAL.—The Ingleside Floral Co. has combined the store, greenhouses and nurseries at 148 W. Adams street. F. Edward Gray is the proprietor.

HOLLYWOOD, CAL.—E. C. Hamton is in the cucumber business exclusively, growing them under glass. He built a new house this season 26x180 and now has about 20,000 feet of glass. He reports that the season has been cold and unfavorable, as there has been about three times the normal amount of rain.

MCMINNVILLE, ORE.—S. H. Maris, proprietor of the Pioneer Greenhouses, has one house 20x80, one 24x80, one 16x80 and one 12x40, making a total of 7,900 feet of glass. He grows carnations, mums, commercial plants, etc., and has a stock of miscellaneous supplies. Mr. Maris reports a prosperous year and a splendid holiday trade.

SHIPMENTS of apples in the green state from the Pajaro valley, California, for the season to the end of December aggregated about 2,000 carloads. The crop of green fruit was short compared with last year, particularly in marketable Newtowns, on account of scab, while about ten times as many apples as last year were dried and canned.

EXCESSIVE MOISTURE.

The effect of the superabundance of rain in the central and northern portions of California is evident in the quietness of the trade. Hundreds of thousands of trees in the nursery rows remain undug and many others are healed in the ground. There has not been enough dry weather at any one time since our downpour began to allow the proper digging of stock, and the mud is too deep to work to any advantage. This unlooked for amount of moisture does not usually come among us, but I have noticed that every four or five years we have what is termed a wet year. This is particularly unfortunate when the season commences late, as it did this year, for it makes the selling season so short that many planters will put off their purchases for another season.

In the eastern states, where cold weather is in order until the first part of May, this makes little difference; but in California it is necessary to get the planting over by the first of March, as after that time we usually get plenty of warm weather and deciduous trees rapidly begin to leaf and then their season for handling with naked roots is over.

The dealers in fruit trees probably fare worse than those in any other branch of the trade at this time, as their season is very short and planters usually do not care to take any risks, where the involvement of a large quantity of trees and their maintenance for several years is concerned. This makes a heavy blow for the grower to bear, as the additional expense of carrying trees over for another year is one of the most expensive and unsatisfactory features to be contended with. This does not make such a difference with the ordinary lines of ornamental trees, unless for some large sizes that are rapidly getting too big for handling to advantage.

The effect on small stock that is being grown from cuttings or seed is to keep it backward and there will be a scarcity of annuals and soft wooded stock for several months to come. Sweet peas for early flowers also plainly show the results of too much moisture and subsequent plantings will have to be made in the near future. G.

CARNATION CUTTINGS Immediate Shipment.

SELECTED CUTTINGS, WELL-ROOTED.

	Per 100	Per 1000
PINK		
Enchantress, light	$1 60	$15 00
Mrs. Lawson, cerise	1 40	10.00
Mrs. Joost, salmon	1.20	10.00
Argyle, light	1.20	10.00
VARIEGATED		
V. Lawson	1 60	15.00
Prosperity, mottled	1.40	12.50
Gaiety, striped	1.20	10.00
CRIMSON		
Gov. Roosevelt	1.40	12.50
Harlowarden	1.40	12.50
SCARLET		
Red Lawson, light	$1 60	$12.50
Estelle	1.60	15.00
America, light	1.40	10 00
Potter Palmer	1.20	10 00
G. H. Crane	1.40	10.00
WHITE		
White Lawson	2.00	15 00
F. Hill	1.40	10 00
Queen Louise	1.20	10.00
Gov. Wolcott	1.40	10.00
YELLOW, Eldorado	1.40	10.00

Warranted true to name. 25 at 100 rate; 200 at 1000 rate; unrooted cuttings, half price. Express prepaid at above prices. We will ship C. O. D. subject to examination if desired or will allow 5 per cent discount for cash with order. Write us for quotations on large orders.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

The rain has been descending unceasingly for the last week. We have seen nothing whatever of the sun. Business is quiet in everything except funeral work and flowers are much scarcer than they were a week ago. The dark weather has had the effect of shortening supplies of all kinds and, although there is but little sale for flowers in a retail way, it keeps the dealers hustling to have a show in their windows.

The prices of carnations and roses have not been raised and we do not anticipate that they will be. The best fancy carnations cost the retailers $4 per hundred and from that price down to $2. Good roses are decidedly scarce and, unless we have a warmer spell soon, they will be almost out of market.

The greatest shortage at present seems to be in the line of green stuff of all kinds. Many of our growers of maidenhair and asparagus operate their houses entirely without the use of artificial heat and now, that we have had such a succession of cold weather, they are not cutting anything like the usual quantities and supplies are short. Smilax is in the same condition and the dealers are having some difficulty in filling orders.

Violets are plentiful and are being used in large quantities on all occasions. Narcissi are gradually coming into bloom and a couple of weeks will see them at their height.

Various Notes.

Charles Kegley, late of Des Moines, Iowa, is located at Oakland. Mr. Kegley is well pleased with California after having spent many years in the eastern states.

Clarke Bros., of Fruitvale, Cal., have a large house filled with smilax which they will keep for their Easter trade.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.

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SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong, field-grown divisions, true to name, $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal

Mention The Review when you write.

They report a heavy winter's business up to date.

D. Greuttner, the Vallejo florist, is in town.

The Key Route Floral Co. has opened up an establishment on Twenty-second and Grove streets, Oakland, Cal.

J. H. Sievers & Co. have opened a branch depot on the corner of Bush street and Van Ness avenue.

The scarcity of coal has made it unpleasant for dealers who trust to that article for heating purposes, but where oil is used the coal famine makes little difference.

The city of Oakland will shortly issue bonds to the value of $1,000,000 to be expended in improving the public parks.

A. D. Lewis is on a two weeks' trip to Los Angeles and San Diego.

N. Rolleri has returned from a business trip to southern California.

The Society Hortensia held its regular semi-monthly meeting at Alameda, January 12. G.

SEATTLE, WASH.

The florists of this section are now quieting down to the usual run after a most strenuous rush during the holiday season. Everyone could have sold twice as many flowers, but they were not to be had for love or money. They had been in the habit of depending on the south and British Columbia and these growers did not have enough for their own use. A number of customers went from place to place in hopes of getting flowers, but without success.

The H. Harrington Co., of Vashon, reports fifty per cent increase in business over last year. Poinsettias, mums and violets were the most sought after in cut flowers. In fact, noon the day be-

500,000 ROOTED CARNATION CUTTINGS

FOR IMMEDIATE SHIPMENT, WITH MORE COMING.

HANNAH HOBART, BEST DARK PINK on the market; $7.50 per 100;

JNO. H. SIEVERS & CO., 1906, $60.00 per 1000.

	Per 100	Per 1000
ENCHANTRESS, popular light pink	$1.60	$15.00
MRS. LAWSON, dark pink	1.40	10.00
VAR. LAWSON, best variegated	1.60	15.00
PROSPERITY, white, mottled pink	1.40	12.50
ESTELLE, scarlet	1.60	15.00
RED LAWSON, light red	1.60	12.50
G. H. CRANE, scarlet	1.40	10.00
AMERICA, light red	1.40	10.00
G. LORD, light pink	1.40	....
RICHMOND GEM	1.40	....

	Per 100	Per 1000
MRS. JOOST, salmon	$1.20	$10.00
ELDORADO, yellow	1.40	10.00
FLORA HILL, white	1.40	10.00
WHITE LAWSON	2.00	15.00
QUEEN LOUISE, white	1.20	10.00
GOV. WOLCOTT, white	1.40	10.00
HARLOWARDEN, best crimson	1.40	12.50
GOV. ROOSEVELT, crimson	1.40	12.50
MRS. PALMER, scarlet	1.20	10.00

Not less than 25 cuttings will be sold at 100 rate and not less than 200 at 1000 rate. 5 per cent discount will be allowed for cash with order or will ship C. O. D. with privilege of examination. Express charges prepaid by us on all orders for cuttings. All cuttings sold by us under expressed condition that if not found satisfactory when received, they are to be returned at once at our expense when money will be refunded on cash orders.

Loomis Carnation Co., Loomis, Cal.

ROSE MISS KATE MOULTON

With us is splendid in growth, flower, foliage, productiveness. We will book orders in rotation for early spring delivery from 2½ and 3-inch pots. **Prices, $12.00 per 100; $50.00 per 500; $100.00 per 1000.** Our propagating capacity is limited. Apply early if you want healthy, well grown stock.

THE SIBSON ROSE NURSERIES, CUT FLOWER DEPARTMENT
1180 MILWAUKIE AVE., PORTLAND, ORE.

Mention The Review when you write.

ROSES — ROSES — ROSES

Two-year-old, budded, field-grown without irrigation. **American Beauty, Meteor, Bride, Bridesmaid, $9.00 per 100.** Send for list of other varieties.

SUNSET NURSERY, 1506 Dwight Way, BERKELEY, CAL.

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

Cineraria, Prize Strain, 4-inch, $4.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Hybrid Delphinium, Burbank's Strain, all shades of blue. This strain has been much improved the past year. 25c per 1000 seeds; $1.50 per oz.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10.00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.
Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.
205 N. Broadway, LOS ANGELES, CAL.

fore Christmas saw a good many lines depleted and by evening there was nothing to offer except plants. Next morning, before customers were up, there was a fresh stock in from the greenhouses, the men having worked nearly all night cutting stock. This firm had a large quantity of Nonin mums, which went like hot cakes on a cold morning. Enchantress carnations seemed to be the general favorite in this section and brought $2.50 per dozen. Pans of poinsettias and Christmas peppers took best in plants.

The Harrington Co. has added thirteen houses to its plant this year and hopes to be better able to handle the trade next season.

We are now having a taste of back east winter, which is unusual for this section.

We understand that Mr. Hass is going out of the flower business and will grow vegetables.

We had a visit from Mr. Karins, of the Henry A. Dreer Co., last week. He happened around when the florist saw his stock was low and felt his pockets stick out from the week before.

PORTLAND, ORE.

Nothing out of the common has happened in the first three weeks of the new year. Trade has been a little easy-going, giving us time to recruit our forces and to do some planning for the next great rush. The cut flower supply is at a low ebb and never did we more appreciate the shipments of fine, long-stemmed stock from California than now, which, owing to the present low temperature, has arrived in a most excellent condition.

Speaking of the weather, the thermometer has registered as low as 10 degrees above zero during the last week, which is something rare for Portland. Such extreme cold has not visited us in years and we cannot appreciate it. We have had no snow in our immediate vicinity and we fear that the cutting east wind will prove disastrous to certain kinds of outdoor stock.

We were glad of the opportunity to exchange the season's greetings with James Karins, representing Henry A. Dreer. This is his third trip to the coast and he has proved to be of the right kind of material. In regard to trade along the road, Mr. Karins said it was immense, and so was the great northwest country. H. J. M.

WHITE FLY AGAIN.

Please let us know how to get rid of the white fly. It is mostly on fuchsias and pelargoniums. We have been fumigating three times a week and can't get rid of them. We are not bothered with any other kind of insect, the houses being clean. F. & S.

The fumes of tobacco have no effect on this little fly. We heard a private gardener state last week that a mixture of whale oil soap and nicotine would kill it. The holes in the body, through which the fly breathes, would be stopped up and the fly perishes. We know nothing more about the solution than what we heard our friend relate. The cyanide gas will destroy them, the formula for which has been published many times in the REVIEW. W. S.

ROCHESTER, N. Y.—E. A. Lacy, the South avenue florist, reports good business.

OKLAHOMA CITY, OKLA.—The weather is exceedingly mild this winter. Violets are in full bloom and hyacinths, tulips and narcissi are up and will be in bloom in a short time if present weather continues.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THERE will be another big increase in the use of phloxes this season.

THE demand for ornamental stock is increasing at a tremendous rate in the west.

LABOR is likely to be one of the scarcest items when the spring planting season comes.

THE Peterson Nursery, Chicago, makes a specialty of irises and reports a large annual increase in sales.

JACKSON & PERKINS CO., Newark, N. Y., report a wide market for Colorado blue spruce. They grow it in considerable quantity, seedlings, not grafted plants.

TEXAS nurserymen and fruit growers are alarmed because the unseasonably warm weather has started the buds at a date after which severe cold usually is experienced.

IT is becoming a common practice for nurserymen to guarantee the life for one year of stock they plant for customers and to disclaim responsibility for stock planted by others. The guarantee necessitates occasional inspection.

IT will be easily possible for most nurserymen to give customers better stock by the simple means of more careful digging, handling and packing. Too little attention is paid to the care of trees while out of the ground.

THE trouble with standard grades for stock lies in defining with sufficient clearness and brevity just what a good tree or plant should be. Ideas differ and what one man would consider good might be wholly unacceptable to another.

RUSSIAN MULBERRY HEDGE.

The accompanying illustration is from a photograph taken on Sheridan road, on the north side of Chicago, where there is a clean sweep to Lake Michigan, not over 200 feet away. Anything that will stand the winters there may be classed as reliably hardy anywhere short of the arctic regions.

But the point of interest in the picture is the excellent hedge of Russian mulberry. This is twelve years old and in perfect condition. This hedge was planted by the Peterson Nursery, and B. E. Gage, of that institution, says they have a number of such in good condition planted where only an absolutely hardy plant will meet the requirements. He says the one operation necessary to get a good hedge of Russian mulberry is to cut it back hard when planted, and keep it down by successive hard prunings until it grows from the bottom; it must not be permitted to grow tall before an attempt is made to get bottom growth. It will not do well in shade.

CATALPA SEEDS.

A large number of catalpa seedlings are being grown for timber plantations and, as speciosa is considered the best variety, it is desirable that planters should be able to distinguish this from other sorts. By examining the seeds it will be observed that the seeds of speciosa are much larger in every way than in the other sorts, and also that the hairy ends of the wings are spread out, fan-shaped, while those of bignonioides are drawn to a point like a waxed mustache.

J. C. Teas' Japanese hybrid, which is a cross between speciosa and Kæmpferi, has seeds much smaller than the two varieties named above, but produces a tree of great vigor and probably possesses merit as a timber tree. Owing to its comparatively recent introduction, its value in this region has not yet been determined. The seeds of Kæmpferi are much smaller than either of the others and the tree is not as rapid in growth as either speciosa or Teas' Japanese hybrid; though I know of one grove of about 4,000 trees of this variety, planted twenty-two years ago, that now contains many trees about ten inches in diameter, from which fence-posts have been cut the last few years. This grove is highly valued by the owner.

Catalpa bignonioides, although the earliest introduced into cultivation, is believed to be least valuable of any, on account of its crooked, irregular habit, as well as slow growth. Mature trees of speciosa and bignonioides may be distinguished by the outer barks. Speciosa has a very rough, ribbed outer bark much like black walnut, while bignoni-



A Hedge of Russian Mulberry on Chicago's Lake Shore.

ROSES ORDER NOW

2½-inch, 4-inch or dormant plants.
Also young stock for transplanting.
See our list — now ready.

Elizabeth Nursery Co., Elizabeth, N. J.

MANETTI STOCKS
ESPECIALLY FOR FLORISTS' USE. BEST FRENCH-GROWN.

First size, 5 to 10 m-m., per 1000.....$9.00; per 10,000.....$80.00.
Newark prices. **DUTY PAID.** For prompt delivery, order NOW and avoid disappointment.

ROSES, two years, field-grown, well rooted.
DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00
Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc.

JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

47,960 Low Budded Roses in 26 Varieties

I offer for February delivery from my cellars here, the entire Surplus Roses grown by the Heikes-Biloxi Nurseries. No. 1, $95 00 per 1000; No. 1½, $65.00 per 1000.
Privet Cuttings, $1.25 per 1000; 10,000 for $10.00. Correspondence solicited.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Hedge Plants

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Nurserymen

Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.
61 Years. Send for our Wholesale Price List. 600 Acres.

oides has a smoother bark that scales off, something like sycamore. Catalpa bignonioides is native on the south Atlantic coast, while speciosa is found native only in the Mississippi valley from southern Indiana westward into Missouri and Arkansas.

Catalpa seeds vegetate nearly as quickly as corn. The young plants are nearly as tender to frost as young tomato plants; hence the seeds should not be sown until danger from frost is past. We usually sow toward the latter part of May or first part of June, in finely pulverized, rich, light soil. If the seeds are not planted too thickly plants will attain two to three feet the first year, ready for the timber plantation the following spring. A pound of Catalpa speciosa contains about 20,000 seeds and a pound of Kæmpferi about 50,000 to 60,000 seeds. E. Y. TEAS.

PENNSYLVANIA NURSERYMEN.

The annual meeting of the Pennsylvania Nurserymen's Association was held at Harrisburg, January 17 and 18, for the discussion of business conditions and mutual interests. On the evening of the second day J. H. McFarland entertained with a dinner and an illustrated lecture on civic improvement. Those present were: William H. Moon, Morrisville; Thomas B. Meehan, Philadelphia; Earl Peters, Mt. Holly; David S. Herr, Mountville; S. Maurice Jones, West Grove; Thomas Rakestraw, Kennett Square; W. E. Grove, York Springs; James Krewson, Cheltenham; George Achelis, West Chester; S. C. Moon, Morrisville; Edwin W. Thomas and A. W. Root, Manheim.

THE Agricultural Experiment Station at the University of Arizona has issued a bulletin, in which it urges the planting of trees and shrubs suitable to climatic conditions on the approaching Arbor day.

IT is reported that seedling pecan trees have been delivered that had been cut and permitted to sprout so as to look as if they were budded. F. H. Burdette, of the Louisiana Experiment Station, says he has seen it, but no nurseryman can be found who knows anything of it.

American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

CHAS. HAWKINSON NURSERY
EXCELSIOR, MINN.

Mention The Review when you write.

Rose Plants

on own roots. NOW READY.
Get our list before buying.

C. M. NIUFFER, Springfield, Ohio

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THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR Specialty Get our figures

88-91 Plymouth Place, CHICAGO

Mention The Review when you write.

3 NEW CANNAS

WILLIAM SAUNDERS

The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that Wm. Saunders is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA

Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.

NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 18 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK

Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.

Send for our list and prices of 60 other leading varieties of Cannas.

ROSES, are our great specialty, 2¼ and 4-inch pot plants we have in great variety — Philadelphia Rambler, Crimson Rambler, Dorothy Perkins and other climbers in strong field plants.

SHRUBBERY, in variety. Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.

SEND FOR OUR PRICE LISTS.

THE CONARD & JONES CO., WEST GROVE, PA.

Mention The Review when you write.

Roses

101 best sorts. Own roots. 2½ and 4-in.
Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of La France, $9.00 per 100. Clematis Paniculata, $1.00 per doz., $8.00 per 100. Transplanted Pansies, 75c per 100; $5.00 and $10.00 per 1000. Smilax seedlings, fall-sown, $3.00 per 1000. Season is over for Peonies.

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., Chicago

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Always mention the Florists' Review when writing advertisers.

GOOD STOCK **35,000 MYRTLE** LOW PRICES

SOME SAMPLE PRICES

Myrtle, Vinca Minor....$10 to $40 per 1000
Madeira Vine Tubers. $3, $6 and $8 per 1000
Shasta Daisy.....$2.50 per 100
Pyrethrum Roseum.....$2 and $3 per 100
Eulalia Gracillima.....$3 to $5 per 100
Aquilegia, double mixed and single mixed.....$2 and $4 per 100
Sweet William, field-gr. $1.50-$2.50 per 100
Yucca, 2-year.....$3.00 per 100
Wistaria, blue, 1 and 2-year $3 and $6 per 100
German Iris, named, $3, $4; mix. $3 per 100
Golden Glow.....$2 and $4 per 100

Sample of stock free.
Send for free list of other stock.

S. J. GALLOWAY, EATON, OHIO

50,000 MADEIRA VINE

Mention The Review when you write.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Manetti

STOCKS, now ready, $8.50 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited

THE WM H. MOON CO., MORRISVILLE, PA.

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NEW ORLEANS.

Current Comment.

The evening of January 19 a large number of the New Orleans florists had two meetings to attend. The first was of the New Orleans Horticultural Society. The names of the committee on exhibits for the next chrysanthemum show were given by President Otto Abele. They are: Chairman, E. Baker; C. W. Eichling, J. A. Newsham, P. Abele, P. Chopin, Charles Ebele, R. Lockerbie, C. Ory and H. Sherman. The finance committee reported a balance on hand of $687.25. P. Chopin, chairman of the committee on revision of by-laws, presented some amendments which were held over for acceptance until the next meeting.

The second meeting was concerning the Society of Southern Florists, of which the first annual convention will take place in New Orleans February 14 to 16. A few answers have been received already in response to the circulars which have been sent to the trade and everything points to a fair attendance and a good start. The program of the three days' meetings is not complete enough to publish; but as for the papers which will be read, we are able to state already that F. P. Davis, of Mobile, Ala., will present a paper on "Roses under Glass in the South;" W. B. Paterson, of Montgomery, Ala., "Carnations in the South;" C. W. Eichling, New Orleans, "Packing and Express Rate;" Joseph Newsham, New Orleans, "Best Orchids for Cut Flowers;" R. Lockerbie, "Roses."

The New Orleans Horticultural Society voted an appropriate sum to help the Society of Southern Florists to receive its guests in good style and Chairman Lockerbie put the arrangement of this part of the reception in the hands of James Newsham, Charles Ebele and P. Chopin.

We have so far had a mild winter. No firing in the greenhouse has been done for several weeks. Grass and plants are growing springlike. Still, as long as February is not past business will not be much.

C. R. Panter is adding a new greenhouse to his place.

Peter Kaul is well stocked with a quantity of market plants in good condition. He has a bench of Adiantum cuneatum in large size pots which are nothing less than perfect. M. M. L.

THE REVIEW is the most compact and business-like journal in the horticultural field.—C. ADAMS, Memphis, Tenn.



WHY consume time energy and capital raising **Split Pinks** when you can have every flower perfect by using the M. & D. **Artificial Calyx.** Easily applied and removed. $1.75 per 100; $15.00 per 1000; 250 at 1000 rate.

Maxfield & Dimond
P.O. Box 304B, Warren, R. I.



Send for sample. Patented.

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ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Robt. Craig	$6.00	$50.00	Mrs. Patten	$2.50	$24.00
Red Sport	3.50		L. Bountiful	3.50	
Enchantress	2.50	24.00	B. Market	1.75	
Melba	1.75	15.00	Seedling 569	4.00	35.00

This Seedling No. 569 is same color as the Mrs. Joost, large flower and very long, stiff stem; also free bloomer. In regard to the quality of our stock, we positively send nothing out without it is A No. 1 good stock, carefully packed.

WM. J. MOORE, 1235 Filbert St., Philadelphia

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Rooted Carnation Cuttings

COOL GROWN, STURDY, VIGOROUS

Victory	per 100,	$6.00;	per 1000,	$50.00
Nelson Fisher	"	2.50	"	20.00
Enchantress	"	2.50	"	20.00
Mrs. Patten	"	2.50	"	20.00
The Queen	"	2.50	"	20.00
Robt. Craig	"	6.00	"	50.00
White Lawson	"	3.00	"	25.00
The Belle	"	3.00	"	25.00
Mrs. Lawson	"	2.00	"	18.00
Boston Market	"	1.50	"	12.00

Delivery February 1.

A. C. BROWN, SPRINGFIELD, ILL.

Mention The Review when you write.

Carnation Cuttings.

Mrs. Thomas Lawson,	$1.50	per 100;	$12.00	per 1000
Lady Bountiful	2.50	"	20.00	"
Cardinal	3.00	"	25.00	"
White Lawson	2.50	"	20.00	"
White Perfection	6.00	"	50.00	"
Victory	6.00	"	50.00	"
Robt. Craig	6.00	"	50.00	"
Helen Goddard	6.00	"	50.00	"
President	2.50	"	20.00	"
Estelle	2.00	"	15.00	"
Morning Glory	2.00	"	15.00	"
Lieut. Peary	2.50	"	20.00	"
Enchantress	2.00	"	18.00	"
Glacier	1.75	"	14.00	"

Write for prices if you want quantity.

ELI CROSS, GRAND RAPIDS, MICH.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

of **Enchantress,** from first-class stock, $2.00 per 100; $18.00 per 1000.

JAMES PATIENCE, Noroton Heights, Conn.

Mention The Review when you write.

Carnation Cuttings

For February Delivery.	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00
Robert Craig	6.00	50.00
Queen Louise	1.25	10.00

W. B. GIRVIN, Leola, Pa.

Mention The Review when you write.

CARNATIONS---Rooted Cuttings

The Queen, of this variety my stock is extra selected, $2.50 per 100; $20.00 per 1000.

White Lawson	$2.00	per 100;	$15.00	per 1000
Red Lawson	2.00	"	15.00	"
Vesper	2.50	"	20.00	"
Robert Craig	5.00	"	40.00	"

10 per cent off for cash or C. O. D. examination privilege

E. H. BLAMEUSER, - Niles Center, Ill.

Mention The Review when you write.

ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12.50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now will be ready for February and March delivery. Send for price list.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000		100	1000
White Perfection	$6.00	$50	The Belle	$2.50	$20
Light Pink Lawson	6.00	50	White Lawson	2.50	20
Glendale	6.00	50	Enchantress	2.50	20
Victory	6.00	50	Mrs. T. Lawson	2.00	15
Robt. Craig	6.00	50	Nelson Fisher	2.50	20
Cardinal	4.00	35	Harry Fenn	2.00	15
Fiancee	3.50	30	Estelle	2.00	15
Lady Bountiful	2.50	20	Boston Market	1.50	12
			White Cloud	1.00	

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG

Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.

Asparagus Plumosus, 2¼-in., $2.50; 3 in., $5.00; 4-in., $8.00; 6-in., $20.00.

CHRYSANTHEMUM STOCK PLANTS

Opah, Monrovia, Omega, Lady Harriett, Viviand-Morel, Duckham, Halliday, Robinson, Appleton, Dalskov, Ivory, Dr. Enguehard, Timothy Eaton, Yellow Eaton, White Bonnaffon, Major Bonnaffon, $5.00 per 100. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,

$120.00 per 1000,

—Order now.—

ROBERT SCOTT & SON,
SHARON HILL, DEL. CO., PA.

Mention The Review when you write.

Roses, 4000 Brides and Maids

from bench and dormant.
$6.00 per 100; $50.00 per 1000.

B. E. WADSWORTH, Box 224, Danville, Ill.

Mention The Review when you write.

Maids will be Roses of the past when

QUEEN BEATRICE

puts in her appearance.

F. H. Kramer, 916 F St. Washington, D. C.

Mention The Review when you write.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Mention The Review when you write.

CHRYSANTHEMUM NOVELTIES

Send for complete list.

CHAS. H. TOTTY, Madison, N. J.

Mention The Review when you write.

Clean, Healthy, Well Rooted

Carnation Cuttings

READY NOW

	Per 100	Per 1000
Victory	$6.00	$50.00
Enchantress	2.00	18.00
White Lawson	3.00	25.00
Lady Bountiful	3.00	25.00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12.50
Boston Market	1.50	12.50

VAUGHAN & SPERRY

58-60 Wabash Ave. CHICAGO

Mention The Review when you write.

ROOTED CUTTINGS CARNATION

Helen Goddard

Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Fenn	20.00
Red Sport	25.00	Mrs. Patten	20 00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

Mention The Review when you write.

.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

624 No. 24th St., PHILADELPHIA, PA.

Mention The Review when you write.

Orders now booked for rooted cuttings of
CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15.00
Moonlight	2.00	15 00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12.50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

Always mention the Florists' Review when writing advertisers.

FINEST OF YOUNG STOCK

Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 1908.

	R. C. per 1000	2½-in. per 100	2½-in. per 1000	3½-in. per 1000
Maid	$18.00	$4.50	$40.00	$55.00
Bride	18.00	4.50	40.00	55.00
Gate	18.00	4.50	40.00	55.00
Uncle John	18.00	4.50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4.50	40.00	55.00
Perle	20 00	5.00	45.00	60.00
Sunrise	20.00	5.00	45.00	60.00
Rosalind Orr English	20.00	5.00	45.00	60.00
Kaiserin Augusta Victoria	4.50		40.00	55.00

CARNATIONS

	Rooted Cuttings per 100	Rooted Cuttings per 1000	2½-in. per 100
White Lawson	$3.00	$25.00	$4.00
Lady Bountiful	3.00	25.00	4.00
L. Perry	3.00	25.00	4.00
Gov. Wolcott	2.50	20.00	3.50
Pink Lawson	2.00	17.50	3.00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25.00	5.00
Red Lawson	4.00	35.00	5.00
Mrs. Martin	2.00	18.00	3.50
Prosperity	2.50	20.00	3.50
Patten	2.00		
Variegated Lawson	4.00	35.00	5.00
Glendale	5.00		6.00

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.

1,000,000 FEET OF GLASS

Send Cut Flower Orders to
35 Randolph St., CHICAGO.

Send Plant Orders to Greenhouses,
Morton Grove, Ill.

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

First-class Certificate, Madison and Indianapolis

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. No discount.

Price, $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

We wish to ANNOUNCE TO THE TRADE that we have withdrawn our Crimson Carnation

POCAHONTAS

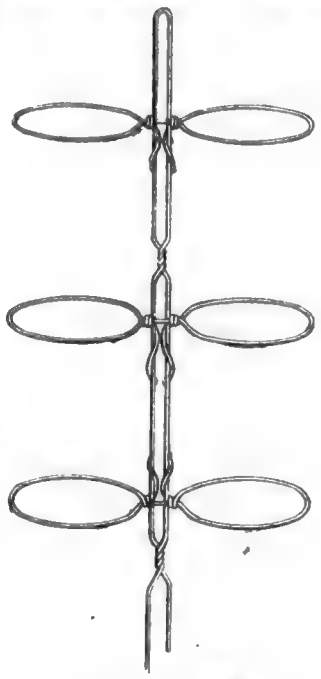
from the market, at least for this season, and perhaps permanently. During the last few weeks of dark weather it has shown an inclination to contract a disease which if allowed to get any headway would speedily ruin it for commercial growing. The strain of dissemination, and subjection to changed methods of culture would undoubtedly cause it to go to pieces right away, and knowing the circumstances, it would be unjust to the variety and the trade to let it go out. We will continue to grow it as our main crimson, and if it throws off the disease entirely we may let it go out later, but not until we feel assured that it will trot, and be a credit to us. While we regret this very much, we are grateful that it showed this weakness before we had begun sending out the stock.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

THE HEIM CARNATION SUPPORT



"THE FINEST THING OUT"

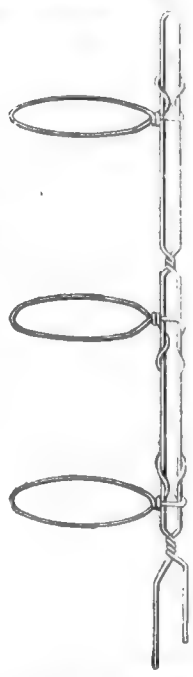
We have sold a great many without advertising but now we are prepared to fill orders by the million.

This Carnation Support is perfect in every point. The two twists make it so rigid that the most severe spraying does not effect the position of the support or plant.

The rings are movable up and down to allow adjustment to the growth of the plants. The base is opposite to the upright, thus allowing perfect cultivation between the plants. Made of Galvanized Wire.

We also wish to call attention to the double ring support in cut by which two plants can be supported by one stake, thus saving time and labor, which means money to the Florist.

Galvanized Steel Wire Rose Stakes in all sizes. Steel Wire Clips for Roses and Chrysanthemums are the neatest and most up-to-date articles on the market.



Pat. July 31, 1906

ADAM HEIM, President **THE HEIM SUPPORT CO.** C. A. RIEMAN, Sec'y and Treas.

Write for prices. **CONNERSVILLE, INDIANA.**

Pat. July 31, 1906

Mention The Review when you write.

PITTSBURG.

The Market.

The weather conditions the last week have been the worst possible to conceive. The mercury stood at 70 degrees Saturday and Monday it was down to 10 degrees. During the week we have had snow, hail, rain, one balmy spring day and wound up with a wind storm which lasted for twenty-four hours and has done considerable damage.

Flowers have continued scarce and prices remain high for good stock. There are quite a lot of poor carnations, short tulips and Paper Whites which do not bring much, but the man with good stock does not need to hunt buyers.

Among the retailers there is not much excitement, business corresponding with former years. Quite a number of decorations last week kept some of them busy.

Various Notes.

The Pittsburg Rose & Carnation Co. lost 100 lights of glass in the wind storm of Sunday.

The delegation from Pittsburg to the Toronto carnation convention spent the evening at the Florists' Club smoker and left on the 11 p. m. train Tuesday.

The end of one of Randolph & McClements' big carnation houses, on the Siebert place, blew in Sunday. They got it boarded up quickly and the loss will not be heavy.

The employees of the wholesale cut flower houses are arranging for a reception and dance. The committee in charge are Walter Carney, George Marshall and Ed McCollum. The boys have arranged for a good hall and one of the best orchestras. A good time is assured to all who attend.

A. M. Murdoch is confined to his home with an attack of grip.

W. H. Carney, of J. B. Murdoch & Co., expresses excellent satisfaction with the business thus far in 1907. The firm is handling quantities of fancy American Beauties and the newer varieties of carnations. HOO-HOO.

NAPERVILLE, ILL.—Jacob Rohr & Son have gone out of business.

VERBENAS 60 FINEST VARIETIES PERFECTLY HEALTHY

Rooted cuttings, our selection	$0.75 per 100;	$6.00 per 1000
Plants, our selection	2.50 per 100;	20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100;	8.00 per 1000
Plants, purchaser's selection	3.00 per 100;	25.00 per 1000

CARNATIONS CHOICE ROOTED CUTTINGS FREE FROM DISEASE

Robt. Craig, scarlet, very productive; **My Maryland,** pure white, good stems; **Cardinal,** scarlet, good flowers; **Jessica,** white, penciled with scarlet, price $6.00 per 100; $50.00 per 1000.

Crisis, Lady Bountiful, Enchantress, price $3.00 per 100; $25.00 per 1000.

Mrs. M. A. Patten, Judge Hinsdale, Flamingo, Buttercup, price $2.00 per 100; $20.00 per 1000.

Mrs. Thomas Lawson, The Queen, price $2.00 per 100; $17.50 per 1000.

Golden Beauty, Prosperity, Gov. Roosevelt, Queen Louise, price $2.00 per 100; $15.00 per 1000.

Mrs. E. A. Nelson, Dorothy, Wm. Scott, Flora Hill, Ethel Crocker, Eldorado, Mrs. Joost, Portia, price $1.50 per 100; $12.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa**

Mention The Review when you write.

CARNATION CUTTINGS

We have strong, healthy, well-rooted cuttings of the following varieties ready for immediate shipment.

	Per 100	Per 1000
VICTORY	$6.00	$50.00
PINK PATTEN	5.00	40.00
VARIEGATED LAWSON	4.00	30.00
WHITE LAWSON	3.00	25.00
MRS. M. A. PATTEN	$2.50	$20.00
LADY BOUNTIFUL	3.00	25.00
ENCHANTRESS	2.50	20.00
PINK LAWSON	1.50	12.50
BOSTON MARKET	1.50	12.50

We are also **HEADQUARTERS** for some of the best novelties for 1907. We can give you January delivery on **WINSOR,** one of the best novelties ever offered to the trade. We can also give you early delivery on **ARISTOCRAT,** the coming dark pink carnation.

JENSEN & DEKEMA, CARNATION SPECIALISTS

674 WEST FOSTER AVE., CHICAGO

Mention The Review when you write.

Carnation and Chrysanthemum Cuttings

	100	1000
BOSTON MARKET	$2.00	$15.00
LORNA	2.00	15.00
PROSPERITY	2.50	20.00
ENCHANTRESS	2.50	20.00
ETHEL WARD	2.50	20.00
LADY BOUNTIFUL	2.50	20.00
THE BELLE	2.50	20.00
NELSON FISHER	2.50	20.00
ROBT. CRAIG	6.00	50.00
ROSE-PINK ENCHANTRESS	6.00	50.00
Timothy Eaton	$2.00	
Clementine Touset	4.00	$35.00
White Bonnaffon	2.00	15.00
Ivory	2.00	15.00
October Sunshine	2.00	15.00
Major Bonnaffon	2.00	15.00
Golden Wedding	2 00	15.00
Walter Molatsch	2.00	15 00
President Smith	2.00	15.00
Balfour	2.00	15.00
Glory of Pacific	2 00	15.00
J. K. Shaw	2.00	15.00
Marie Liger	2.00	15.00
Maud Dean	2.00	15.00
Dr. Enguehard	2.00	15.00

SEND FOR DESCRIPTIVE LISTS

SOUTH BEND FLORAL CO., IRVING GINGRICH, Manager South Bend, Ind.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 100		Per 1000
Red Lawson	$25 00	Enchantress	$18.00
White Lawson	20.00	Candace	50.00
Pink Lawson	10.00	Robert Craig	50.00
Varieg'd Lawson.	25.00	Cardinal	25.00
Fiancee	25 00	Estelle	15.00
Mrs. Patten	20.00	Lord	10 00
Jessica	45.00	Harlowarden	15.00
Lady Bountiful	18.00	Prosperity	15.00
My Maryland	40.00	Boston Market	10.00

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12 in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes. 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

Mention The Review when you write.

Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK, LONG ISLAND, N. Y.

Mention The Review when you write.

Selected Carnation Cuttings

FROM FLOWERING STEMS ONLY.

January Delivery	Per 100	Per 1000
3000 BEACON	$12.00	$100.00
5000 ROBERT CRAIG	6 00	50.00
5000 ENCHANTRESS	2.50	20.00
2000 MRS. PATTEN	2.50	20.00
500 VARIEGATED LAWSON	6.00	50.00

February Delivery

4000 WINSOR, January Rooted, from 2-inch pots, extra fine stock, $12.50 per 100.

February Delivery	Per 100	Per 1000
7500 BEACON	$12.00	$100.00
5000 ROBERT CRAIG	6.00	50.00
3000 OCTOROON	2.50	20.00
4000 ENCHANTRESS	2.50	20.00
2000 MRS. PATTEN	2.50	20.00
1000 VARIEGATED LAWSON	6.00	50.00
1000 LIEUT. PEARY	3 50	30.00

March Delivery	Per 100	Per 1000
7500 BEACON	$12.00	$100.00
5000 ROBERT CRAIG	6.00	50.00
3000 OCTOROON	2.50	20.00
4000 ENCHANTRESS	2.50	20.00
2000 MRS. PATTEN	2.50	20 00
1000 VARIEGATED LAWSON	6.00	50.00
1000 LIEUT. PEARY	3.50	30.00

When above are sold we shall have no more Carnation Cuttings to offer.

COTTAGE GARDENS CO., Queens, N. Y.

SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KEIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

HOW TO PACK MUMS.

A correspondent in St. Kitt's writes to the Agricultural News (Barbadoes, West Indies) as follows: Young plants can be obtained from growers in England or America about August. The growers usually pack them in the same way as for transport in temperate regions. This gives very bad results, all the leaves and the young stems arriving in a rotten and mouldy condition. The growers should be instructed to pack as follows: Choose young plants which have formed woody stems; cut off nearly all the leaves and prune all the soft stems; wrap a very little wet sphagnum around the roots, and envelop the whole in about five loose folds of paper, some of which may be glazed, but not waxed. Do not use any box, and a paraffined box is the worst of all. If a box must be used, trust to paper wrappings for keeping moist, and cut the box full of holes.

DIXON, ILL.—O. L. Baird reports that business has been wonderfully brisk since the beginning of 1907.

AYLMER, QUEBEC, CAN.—R. W. Wright, of the Wright Floral Co., was elected mayor by acclamation at the meeting of the electors January 14.

NAUGATUCK, CONN.—A. N. Squires has vacated his store on the Maple street bridge, the building having been purchased by the railroad company. He intends opening a store on Church street.

DAHLIAS

A fancy, fresh, vigorous stock of Dahlia Bulbs of our own growing. Over sixty varieties. The cream of a list of over 500 varieties from which we expect to produce as fine a stock of plants for spring delivery as practical experience and the right conditions can develop. No insects. No fungus.

Write us for bulbs or plants.

POSTUM CEREAL CO., Ltd.
Garden Dept., Battle Creek, Mich.

Mention The Review when you write.

ORCHIDS

Importations 1907

Get rock-bottom prices on Cattleya Labiata, Trianae, Mossiae, Percivaliana Mossiae, Schroederae.

JULIUS ROEHRS CO.
Orchid Importers and Collectors,
Rutherford, N. J.

Mention The Review when you write.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

Mention The Review when you write.

ORCHIDS

Direct from the Collectors

For Spring and Summer Delivery.

We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids. Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

Always mention the Florists' Review when writing advertisers.

CARNATIONS

30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market...	$1.50	$12.50
Enchantress	2.00	18.00	Lawson.....	1.50	12.50
Queen Louise			.....	1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2¼-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

Mention The Review when you write.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100: 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

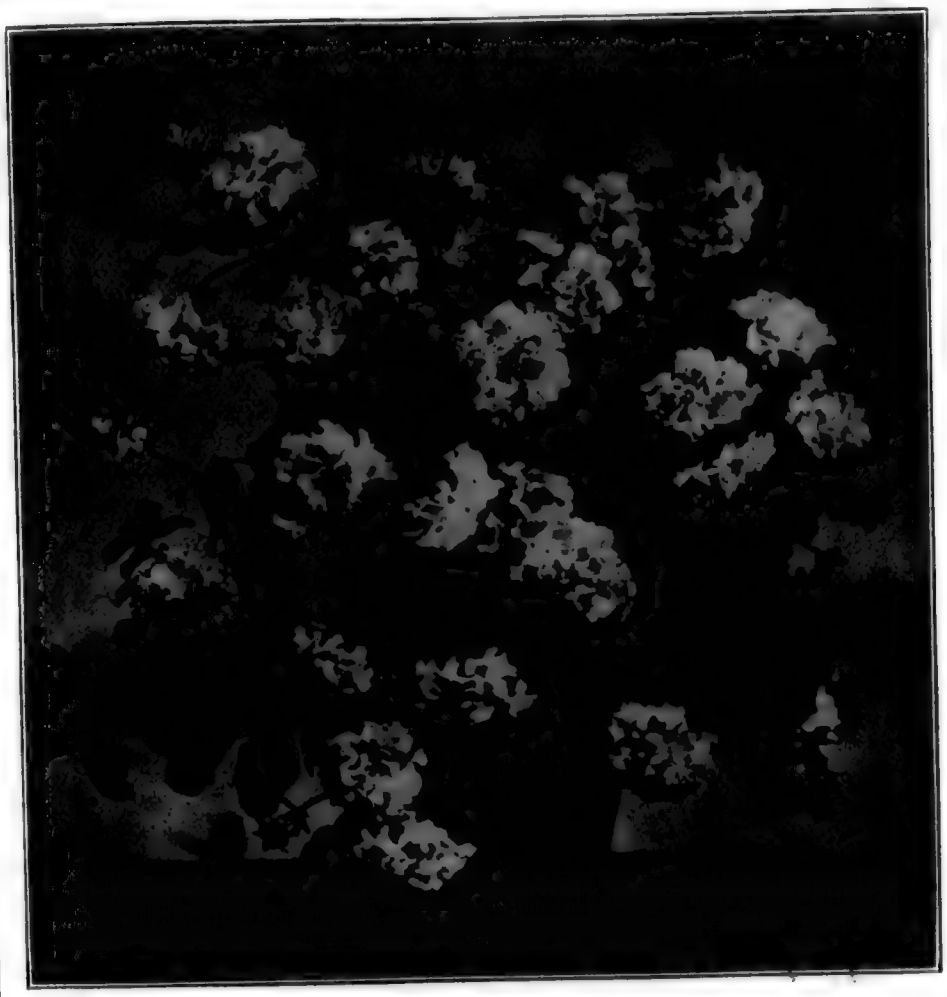
Nephrolepis

Whitmani, 2¼-in.....$10.00 per 100
Boston, 2¼-in..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

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NEW
DOUBLE PETUNIA THE QUEEN



The new Petunia **THE QUEEN** has been grown by us for the past five years. It is a wonderful bloomer, the flowers are of an enormous size and measure from four to four and one-half inches in diameter. The flowers are white, mingled with purple, very nicely fringed, making one of the handsomest plants grown. It is an early bloomer, in fact, one of the best sellers for Decoration Day. **THE QUEEN,** planted outdoors will continue to bloom all summer. The flowers can be used to good advantage in design work.

Ready February 15.

STRONG PLANTS, $1.50 per doz.; $10.00 per 100; $90.00 per 1000.

Orders Filled in Rotation.

THE YATES FLORAL CO.

JOSEPH TRAUDT, Prop.

CANAJOHARIE, N. Y.

Scranton Florist Supply Co.

SCRANTON, PA.

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SPECIALS-ROOM

We must have room and to have you help us, take a 10 per cent discount for cash with order, at once.

	2½-in.	3-in.	4-in.
Cinerarias	$5.00	$8.00	$12.50
C. Primroses....in bloom	5.00	8.00	12.50
Obconica Primroses "	5.00	8.00	12.50
Baby Primroses..... "	5.00	8.00	12.50
Cyclamen..... "		8.00	15.00

Stock guaranteed to please you or money back.

Send for our list of **CARNATIONS** and **ROSES,** R. C and 2-in.

FERNS—Boston. Whitmani, Piersoni. Scottii, Elegantissima, Barrowsii, Adiantum, Plumosus and Sprengeri.

Mention Review when you write. Also name Express Co.

GEO. A. KUHL, Pekin, Ill.

King Humbert!

KING OF ALL CANNAS.
Started plants, $2 50 per doz., postpaid.

PRES. MEYERS. $25.00 per 1000. **PENNSYLVANIA, ITALIA, KATE GRAY,** $18.00 per 1000. Cash.

TONY TOERNER, Scio, O.

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GERANIUMS

S. A. Nutt, strong plants from 2¼-inch pots, $20.00 per 1000; $2 50 per 100. 500 at 1000 rate. Other standard varieties ready to ship Feb. 1.

Canna Bulbs—Souv. d'Antoine Crozy, best gilt-edged; Alphonse Bouvier, best dark red, $18.00 per 1000; $2 00 per 100. Cash, please.

James Ambacher, West End. N. J.

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CYCLAMEN.

In bud and bloom. 4-in. $10.00 per 100; 5-in., $15.00 per 100.

CINERARIES.....2¼-in., $2.00 per 100; 3-in., $3.00 per 100.

C. WHITTON, City Street, UTICA, N. Y.

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VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

70,000 Alternanthera Brilliantissima, red and yellow. September struck, very strong, 60c per 100; $5.00 per 1000.

Salvias, $1 00 per 100; $8.00 per 1000.

Heliotropes, $1.00 per 100; $8.00 per 1000.

Coleus, 70c per 100; $6.00 per 1000.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000.

(Express prepaid on all rooted cuttings)

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

Wholesale Trade List

Asparagus Plumosus, 2½-in. pots. $3.00 per 100.
Asparagus Sprengeri, 2-in. pots. $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2¼-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

Mention The Review when you write.

Canna Roots Alemannia, Shenandoah, Austria, Henderson, Pennsylvania, Italia, Mlle. Berat, F. Vaughan, $2.00 per 100; $17.50 per 1000. West Virginia, Mrs. Kate Gray, $3 00 per 100; $25.00 per 1000.
Rubbers, 4-in., $3.00 per doz.; 5-in., $4.00 per doz.
Asp. Sprengeri, 3-in., $4.00 per 100.
Hibiscus, in variety, $2 50 per 100.
Ferns—Boston, Scottii, 2-in., $3.00 per 100. Tarrytown, $2.50 per 100.
Coleus cuttings, 60c per 100; $5.00 per 1000.
THE NATIONAL PLANT CO., Dayton, O.

Mention The Review when you write.

Seasonab'e Stock

	100	1000
Baby Primrose, 2½-in.	$2.00	
Carex Japonica, 2½-in.	2.50	
Coleus, 10 sorts, 2½-in.	1.80	$15.00
Geraniums, 2½-in., Jno. Doyle, La Favorite, Jean Viaud, S. A. Nutt, Heteranthe, Mme. Salleroi	2.50	25.00
Heliotrope, purple, 4 good sorts, 2½-in.	2.50	
Vinca Variegated, 4-in.	7.00	
Violets, 2½-in., Princess of Wales, California and Luxonne	2.50	20.00
Hardy Pink Hibiscus, Moscheutos, 1-year-old field plants, fine stock	3.00	25.00
Hardy Hibiscus, crimson eye, 1-year-old field plants	2.50	

ROSES, 150 sorts, 2½-in. and 4-in. Write for prices. Send for our General Trade List of Roses, Carnations, Geraniums, Mums, Miscellaneous Bedding plants, Coleus, Cannas, Hardy Shrubbery and Plants, Palms and Miscellaneous Flowering and Ornamental plants. **Send for it today.**

SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO

Mention The Review when you write.

CHRYSANTHEMUMS

Strong, stock plants from bench, $5.00 per 100—Monrovia, Polly Rose, Glory of Pacific, Yanariva, Niveus, Lord Hopetoun, Gen. Hutton, Helen Bloodgood, Golden Wedding, Dr. Enguehard, Church, Major Bonnaffon, Convention Hall, Mrs. J. J. Mitchell, Wm. Duckham, Gold Mine, Marie Liger, Alice Byron, Salter, Lincoln, Superba, Golden Hair, Timothy Eaton, Yellow Eaton, Chadwick, Col. D. Appleton, Mrs. Jerome Jones, Yanoma, Mrs. Coombes, Balsley.

VINCA VAR—Field clumps, grown on in trays, first size, $5.00; second size, $4.00 per 100. 25 at 100 rate. Cash with order or satisfactory references.

J. J. ARNOLD, HOMER, N. Y.

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CINCINNATI.

The Flood.

The main topic of conversation on every side is the flood of the Ohio river. It is the worst flood we have had in over twenty years and to describe the damage done and the suffering it has caused would be next to impossible. It would appear now that the worst is over, as the water is at a standstill, and with the cold snap that has come upon us it is likely to start going down. Three florists' places are under water and considerable damage has been done. They are all located along the Mill creek valley and thus in the flooded district. They are Wolfe, Glins and Herline. Of course, the truck gardens along this valley are all under water, and the owners will suffer serious loss. Thousands of people are homeless, on account of the water making their homes unsafe, and are being cared for by the city and various charitable organizations. It is hoped now that the end is in sight and that in a few days the river will have gone down below the danger point.

In spite of all the conditions against it, the business is holding up well. Train service is irregular and shipping business is being handled at a great disadvantage. But even with this, there is a pretty good supply of blooms in the market and they are moving out at good prices.

Various Notes.

E. G. Gillett, J. A. Peterson, W. K. Partridge, R. Witterstaetter and Ed Forter left Tuesday for the carnation convention at Toronto. They joined the Chicago delegation at Detroit.

John Lodder, of Hamilton, has been quite ill, but is improving.

C. J. Ohmer.

Du Quoin, Ill.—F. W. Gross, of the Du Quoin Floral Co., has given up the business on account of other business requiring attention. He says there is a good opportunity here for a florist.

A Grand Fern Novelty

We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

WM. P. CRAIG

1305 Filbert Street, PHILADELPHIA

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THE MOSBAEK GREENHOUSE CO.

ONARGA, ILL.

ASPARAGUS Pl. Nanus, 2¼, 3 and 4-in., $2.50, $5.00 and $8.00 per 100.

FERNS. Boston, Piersoni and **Anna Foster,** 2¼, 3 and 4-in., $3.50, $6.00 and $12.00 per 100; 6-in., $4.00; 8-in., $8.00; 10-in., $15.00 per doz. **Elegantissima** and **Scottii,** 2¼, 3 and 4-in.; $5.00, $10 00, $17.50.

150,000 Cannas, in 35 best var. List mailed.

50,000 Hardy Perennials, field and pot-grown.

Mention The Review when you write.

Geranium Novelties

Sycamore Originated four years ago by the St. Clair Floral Co, Belleville, Ill., who claims that it is one of the best bright, clear salmon pink bedders in the country. A cross between Mrs. E. G. Hill and Paul Bruant, has a vigorous habit and is always in bloom.

20c each; $2.00 per doz.; $15.00 per 100.

Bruant's 1906 Novelties We offer a collection of thirty different varieties, all of which are perfect specimens of the well known Bruant race, including the Cyclops.

50c each; One of each, $10.50.

Lemoine's 1906 Fifteen varieties, among which are some of the most beautiful combinations of color that we have ever seen, every one worthy a place in every collection.

35c each; one of each, $5.00.

Rozain-Boucharlat's 1906 Varieties

Messrs. Rozain-Boucharlat, Lyons, France, have quite a reputation as producers of excellent new geraniums; among the sixteen varieties there are some fine ones.

25c each; one of each, $3.50.

Alliance 1905 introduction. A cross between an ivy and a zonal; a beautiful shade of lilac white, blotched with crimson rose; excellent habit for vase or pot plants.

25c each; $2.50 per doz.; $20.00 per 100.

Caesar Frank 1905 introduction. Double Ivy; magnificent shade of soft crimson; splendid habit.

25c each; $2.50 per doz.; $20.00 per 100.

Fleuve Blanc A pure white semi-double and a perfect type of Bruant's race.

$1.50 per doz.; $10.00 per 100.

CALADIUM ESCULENTUM 1st size, $2.00 per 100; 2nd size, $1.00 per 100.

MADEIRA VINE ROOTS $1.00 per peck; $3.50 per bushel.

HARDY ENGLISH IVY Extra Strong. $2.00 per 100; $18.00 per 1000.

CASH WITH ORDER.

A cordial invitation is extended to all interested in Horticulture to visit us. Cowenton Station, Philadelphia division, B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists **BROCKTON, MASS.**

Mention The Review when you write.

CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.50
Geraniums, 10 var.. my selection, 2-2½-in...	3.00
Asp. Plumosus Seed, Feb. 15, $2.50 per 1000..	.60
Pansy Plants, $3.00 per 1000, from frames...	.50

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

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Nephrolepis WHITMANI

Young plants from bench.

$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

Bay Trees,

BOX TREES and Choice EVERGREENS for outside decorations

BOBBINK & ATKINS

Rutherford, N. J.

Mention The Review when you write.

CANNAS

Two and three eyes to each root, in perfect condition and strictly true to name.

	100	1000
Admiral Schley, 3 ft., gilt-edge..	$2.50	$20.00
Alemannia, 5 to 7 ft., Orchid-flowered Scarlet and yellow..	2.00	15.00
Crimson Bedder, 3 ft., crimson...	2.50	20.00
David Harum, 4 ft., bronze leaf..	2.50	20.00
Egandale, 4 ft., bronze leaf	3.00	
Florence Vaughan, 5 ft., yellow..	2.00	15.00
King Edward, 4½ ft., scarlet.....	2.50	20.00
Little Gem, 1½ to 2 ft., gilt-edge, superb.....	4.00	30.00
Mme. Crozy, 4 ft., gilt-edge.....	2.50	20.00
Mrs. Kate Gray, 5 to 6 ft., orchid-flowered, orange scarlet.....	2.50	20.00
Pres. Carnot, 4 ft., bronze leaf...	2.00	15.00
Pres. McKinley, 3 ft., crimson...	2.00	15.00
West Grove, 4 ft., pink.....	3.00	
Yellow Crozy, 3½ ft., pure yellow	3.00	25.00
Mixed.....	1.50	10.00

DAHLIAS, Strong, field-grown roots.

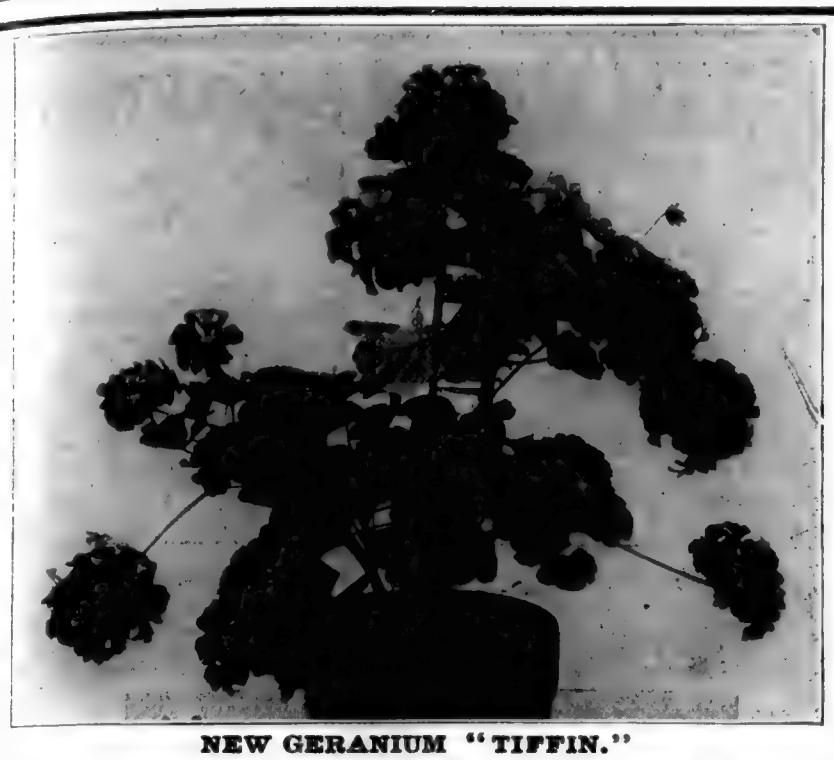
New double. Amethyst, Aristocrat, Harzer Kind, Landrat, Dr. Scheiff, Medusa, Neck, $2.50 per doz. Apollo Trudchen Pape, $3.00 per doz. Spotless Queen, first prize N. Y. Dahlia Show, $5.00 per doz.

Double Dahlias. Britannia, Black Prince, Bridesmaid, Capstan, Chas. Woodbridge, Columbia, Cycle, Firebrand, Gloriosa, Harmony, Island Queen, John H. Roach, Kingfisher, Konigen Wilhelmina or Queen of Holland, Mr. Moore, Mrs. Montefiore, Oban, Ruby, Strohlein Kronne, Wm. Agnew, Wm. Cuthbertson, $1.00 per doz.; $6.00 per 100. Grand Duke Alexis, $1.25 per doz.; $8.00 per 100. Kriemhilde, pink, superb, $1.25 per doz.; $7 50 per 100.

Single Dahlias. 20th Century, Lavender Century, Pres. Viger, $1.25 per doz.; $8.00 per 100. Crimson Century, $1.50 per doz.; $10.00 per 100. Scarlet Century, $2.00 per doz.; $15.00 per 100. Descriptive circular giving full particulars, mailed free to the trade for the asking.

J. T. LOVETT, Little Silver, N. J.

Always mention the Florists' Review when writing advertisers.



NEW GERANIUM "TIFFIN."

NEW SEEDLING GERANIUM

"TIFFIN"

Received Honorable Mention at Dayton Convention last year.

The Freest Blooming of all Single Scarlet Geraniums.
Flowers are freely produced and clusters very large.
Foliage is a medium shade of green—No zone.
Grows freely, making a bushy, shapely plant.
Has been tested for eight years and found A-1 in all respects.
Will sell on sight.

Strong 2-in. plants, $2.00 per doz.; $10.00 per 100.

ORDERS BOOKED NOW for February delivery.

ULLRICH'S GREENHOUSES

181 Sycamore St., TIFFIN, OHIO.

Mention The Review when you write.

Palms and Ferns

ASPARAGUS PLUMOSUS

2-inch.....per 100, $3.00
3-inch.....per 100, 6.00
4-inch.....per 100, 12.00

PRIMULA SINENSIS

4-inch.....per doz., $1.50
5-inch.....per doz., 2.00

Write for complete price list.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO

Mention The Review when you write.

ROOTED CUTTINGS

Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100

Cash with order, please.

Converse Greenhouses, Webster, Mass.

Mention The Review when you write.

NEW. SINGLE GERANIUM

SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

Mention The Review when you write.

NEPHROLEPIS WHITMANI,

Strong plants, from 2½-in. pots, $10.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2½-in. pots, $5.00 per 100.

P. R. QUINLAN, Syracuse, N.Y.

Mention The Review when you write.

Asparagus Plumosus

Exceptionally fine stock, from 3-inch pots, $5.00 per 100.

Asparagus Sprengeri, from 3½-in. pots, $6.00 per 100. Write for prices on large lots.

SCHARFF BROS. Box No. 343, VAN WERT, OHIO

Always mention the Florists' Review when writing advertisers.

SPIRAEAS, AZALEAS, Rhododendrons, etc.

SPIRAEA NANA COMPACTA—Strong clumps in best condition, $4.00 per 100.

AZALEA INDICA—Mme. Vander Cruyssen, Prof. Wolters, Empress of India, Helen Thelemann, Simon Mardner, at import prices to close out.
12 to 14-in. crowns, $45 00 per 100. 14 to 16-in. crowns, $55.00 per 100.
16 to 18-in. crowns, $90.00 per 100.

AZALEA MOLLIS—Fine for forcing, bushy and full of buds.
12 to 15 in. high, $25.00 per 100. 15 to 18 in. high, $35.00 per 100.

RHODODENDRONS—Bushy perfect plants, brightest and best we ever had, full of flower buds. 18 to 20 in. high, $9.00 per doz. 20 to 24 in. high, $12.00 per doz.

LATANIA BORBONICA—4-in. pots, short and bushy, $15.00 per 100.

KENTIA BELMOREANA—5-in., fine, $60.00 per 100.

The Storrs & Harrison Co.

PAINESVILLE, OHIO.

Mention The Review when you write.

Hello! Here We Are:

D. U. AUGSPURGER & SONS, Peoria, Ill.

BOX 778.

WE HAVE JUST WHAT YOU ARE LOOKING FOR

BOSTON FERNS in all sizes at prices that will interest you. Write for them.

Elegantissima Ferns, 2½-in.	per 100,	$5 00
" " 3-in.	"	9.00
Piersoni Ferns, 2½-in.	"	4.00
" " 3-in.	"	8.00
Sprengeri, 2-in.	"	2.50
Feverfew, 2-in.	"	3.00
Mme. Salleroi, 2-in.	"	3.00
Vinca Variegata, 2-in., 1000, $25.00	"	3 00
Double Petunias, 2-in.	"	3.50
Fuchsias, 2-in.	"	3 00

20,000 CYCLAMEN SEEDLINGS,

Fine plants, with two or more leaves, with bulbs as large and larger than buck shot, in five separate colors, grown from best quality seed, at $1.00 per 100.
8.00 per 1000.

We are sending them all over the United States and they are giving universal satisfaction.

ORDER NOW before the stock is exhausted.

Mention The Review when you write.

FEVERFEW

The Best Cut Flower for Memorial Day

Extra fine plants from 2½-inch pots, $4.00 per 100. Cash with order.

S. J. GODDARD, - FRAMINGHAM, MASS.

Mention The Review when you write.

Tobacco Paper Is the STRONGEST, BEST PACKED, EASIEST APPLIED

24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID

Furnishes the Most Nicotine for the Money!

Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine

By far the CHEAPEST.

Just Note Prices!

Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

Mention The Review when you write.

BALTIMORE.

The Market.

Baltimore apparently is endeavoring to go through the weather calendar all in a single month. During January there has been a variety of weather that might represent the four seasons.

Trade last week was fair, using up all the stock. Blooms of all kinds are scarce and high in price and some of the retailers were compelled to send out of town to make up their shortage. Carnations and roses are a little steadier. The bulbous stock has been a remarkable help this year and has encouraged the growers. Greens of all kinds are in sufficient quantity to meet demands. There is some funeral work and an occasional decoration.

Various Notes.

F. C. Bauer, Govanstown, Md., is planting 1,000 Harrisii lily seedlings.

Walter Chiswick, gardener for C. H. Dickey, Roland Park, is building an addition, 18x20, to his new house, for decorative plants.

W. F. Keys, Gay and Eager streets, has bought six acres of land with some improvements on it, known as the old German property, between Belair and Harford roads, and will erect a fine greenhouse.

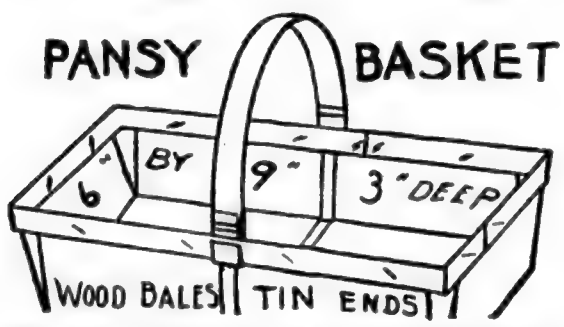
Fred Lepp, formerly of Pocomoke City, Md., is erecting several greenhouses at Rossville, Md.

Griffith & Turner Co. is mailing out its catalogue. January 18 nearly two tons were sent to the post-office to be distributed in and about Maryland.

The only florist who attended market regularly last week was James Glass. He was the sole reaper of what business came that way. He has never been known to miss.

The street boys were on the market Saturday offering southern single violets at a price within reach of every flower lover.

C. E. Smith & Co. are the only regular newspaper advertisers in the city. They advertise particularly for funeral work. J. L. T.



Six fit in bushel box to pack one upon another. Wood or wire handle. 100 samples, $1.10.

SEAVER BASKET CO., Medford, Mass.

CENTURY INSECTICIDE DEATH TO INSECTS

Cheapest and best on market. Once used, always used.

Positively kills green and black fly, mealy bugs, red spider, scale, thrips, or any insect on flowers, plants, trees, vegetables, etc. Will not injure, scent or discolor the most delicate flowers and foliage. Also sure death to Gypsy and Tussock Moths.

Especially adapted for Roses, Carnations, Chrysanthemums, Heliotropes, Smilax and Ferns. Handled by Leading Seedsmen.
$3.50 per can of 5 Gallons.

Prepared by W. H. KULD, Norwood, Mass.

Mention The Review when you write.

Starved Rose Bushes NEVER BLOOM

and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.

Don't Starve the Roots.

Put away your bushes this fall with plenty of fall and spring food for the roots.

The richest root food, stem and bloom producer you can use is

WIZARD BRAND PULVERIZED SHEEP MANURE

It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.

Special prices to florists and greenhouse operators. Write for booklet.

The Pulverized Manure Co.
33 Exchange Ave., Chicago.

Mention The Review when you write.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms.

Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.

A. & C. PEARSON
Lowdham, Nottingham, England

Mention The Review when you write.

Tobacco Stems

Fresh and strong, bales weigh 250 to 500 lbs., 75c per 100.
U. Cutler Ryerson, 108 8d Ave., Newark, N. J.

Mention The Review when you write.

PEERLESS SULPHUR BLOWER

"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
McMORRAN & CO. 15-21 N. Clinton St. CHICAGO, ILL.

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...THE...

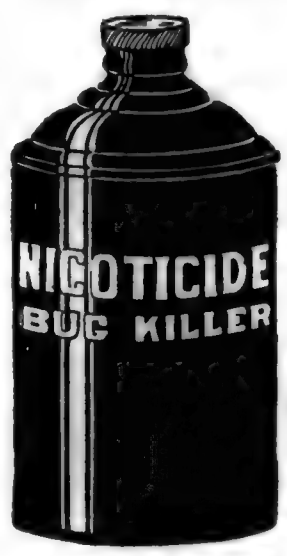
Chrysanthemum

By Arthur Herrington

Formerly president Chrysanthemum Society of America.

The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

Florists' Publishing Co.,
Caxton Bldg., 334 Dearborn St., CHICAGO.



THE BEST Bug Killer and Bloom Saver.

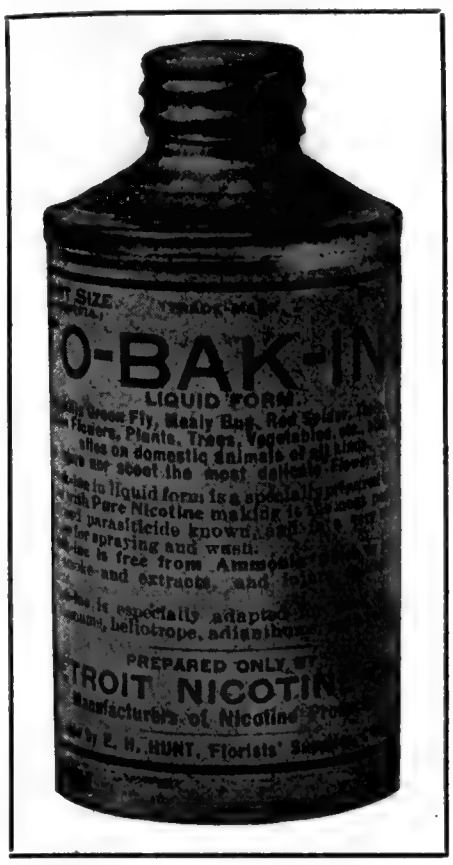
Drop us a line and we will prove it....

P. R. PALETHORPE CO.
Dept. A,
LOUISVILLE, KY.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

For Thrips on Carnations



UP-TO-DATE GROWERS USE

TO=BAK=INE Liquid

MR. A. F. J. BAUR, the well-known Carnation expert, writes: "If I had a carnation house ever so badly infested by Greenfly or Thrips, I would **spray** with **To-Bak-Ine Liquid** not stronger than three teaspoonfuls to a gallon of water, and six gallons of this solution would spray a house 25 x 100 feet, thoroughly. I would rather spray with this strength every day for a few days than to make it stronger. Ordinarily one spraying in two days is enough for the first week, and thereafter, once or possibly twice each week will be sufficient. I am satisfied that spraying is most effective in destroying these pests, as well as the least harmful to the plants or blooms. In order to derive the most benefit from the use of **To-Bak-Ine,** it should be used regularly throughout the season, as a preventive. We begin to spray our carnations with it regularly once each week as soon as they are well-established on the beds in the houses, about September 1, (or sooner if any insects show themselves), and we find that this will keep away Aphis, Thrips, and in addition to intelligent syringing it will keep down Red Spider. The number of blooms usually lost through the ravages of these pests can be reduced to a minimum by the use of **To-Bak-Ine.** These blooms will easily pay for the cost of spraying and have a good balance over. It is surprising how many blooms are discarded by growers, which could have been saved by the use of this preparation; when you figure them at 3c to 5c each during midwinter it runs up into money quickly. No grower can afford to be without this preparation and it will take merely a fair trial to convince anyone of its value. When I begin on **To-Bak-Ine** I find it hard to stop. I feel that I could not possibly say too much in its favor, especially as a remedy for Aphis and Thrips."—Signed, A. F. J. BAUR.

TO-BAK-INE LIQUID is a 45% solution of pure nicotine (the strongest made). It has been used successfully for years by vaporizing by heat, but the latest and best method is to

SPRAY THROUGH A SIMPLEX PUMP

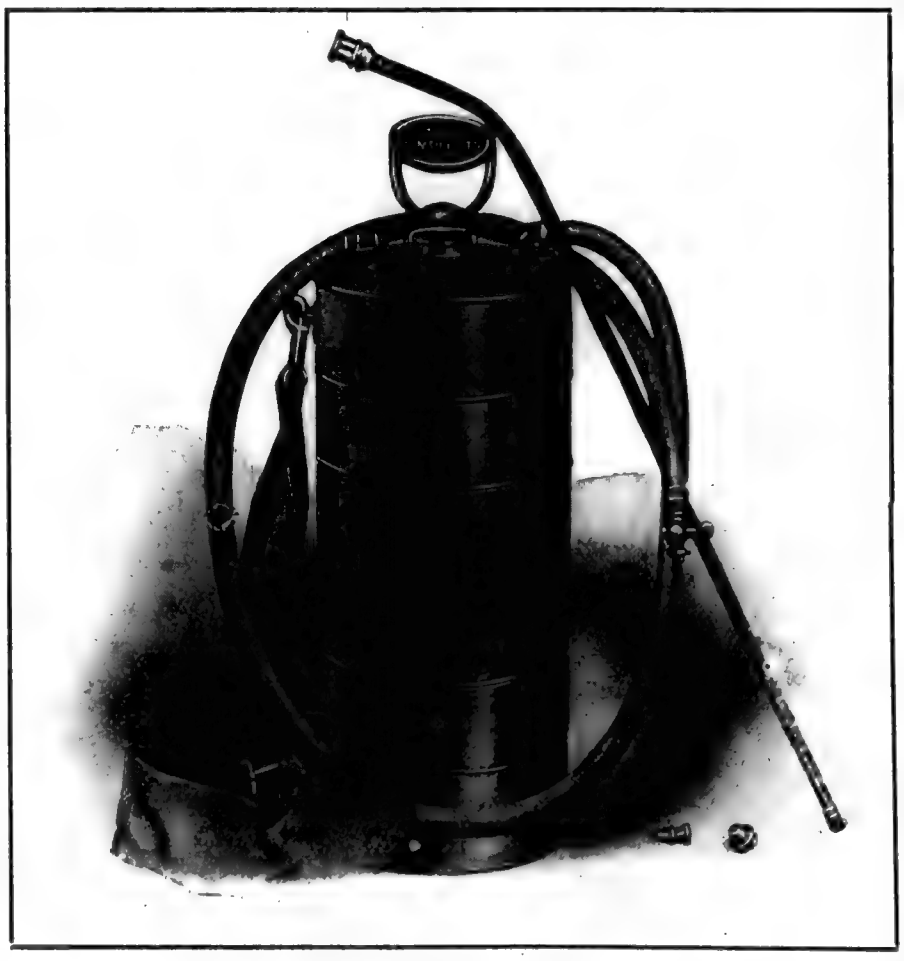
Also Equally Valuable in Rose Houses and for General Stock.

To-Bak-Ine Liquid in cans: ¼ pint, 60c; ½ pint, $1.10; 1 pint, $2.00; 1 quart, $3.95; 1 gallon, $15.00.
Also put up in 10, 20, and 40-gallon casks with locked faucet.

SIMPLEX SPRAY PUMP

The successful use of To-Bak-Ine Liquid as a spray depends largely on the pump and nozzle that is used in spraying. There are a great many pumps and spraying machines on the market; these have all been carefully tested in our experiments and we have found that for practical purposes the **Simplex Spray Pump** illustrated on this page is the most practical of any in use. These are all brass pumps, excellent for all kinds of spraying purposes, but are especially adapted for greenhouse use. **Price complete, $9.00.**

Send for "Words of Wisdom," by leading growers, and "Flowers and Profit," both free. They tell all about fumigating.



E. H. HUNT,

GENERAL AGENT
76-78 Wabash Avenue, CHICAGO, ILL.

Tobacco Paper
Is the
STRONGEST,
BEST PACKED,
EASIEST APPLIED
24 sheets.....$0.75
144 sheets..... 3.50
288 sheets..... 6.50
1728 sheets.....35.10

"NICO-FUME" LIQUID
Furnishes the Most
Nicotine for the Money!
Mfd. by THE KENTUCKY TOBACCO PRODUCT CO., Louisville, Ky.

Over 40 % Nicotine
By far the
CHEAPEST.
Just Note Prices!
Pint $1.50
½ Gallon..... 5.50
Gallon 10.50
5 Gallons.....47.25

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BALTIMORE.

The Market.

Baltimore apparently is endeavoring to go through the weather calendar all in a single month. During January there has been a variety of weather that might represent the four seasons.

Trade last week was fair, using up all the stock. Blooms of all kinds are scarce and high in price and some of the retailers were compelled to send out of town to make up their shortage. Carnations and roses are a little steadier. The bulbous stock has been a remarkable help this year and has encouraged the growers. Greens of all kinds are in sufficient quantity to meet demands. There is some funeral work and an occasional decoration.

Various Notes.

F. C. Bauer, Govanstown, Md., is planting 1,000 Harrisii lily seedlings.

Walter Chiswick, gardener for C. H. Dickey, Roland Park, is building an addition, 18x20, to his new house, for decorative plants.

W. F. Keys, Gay and Eager streets, has bought six acres of land with some improvements on it, known as the old German property, between Belair and Harford roads, and will erect a fine greenhouse.

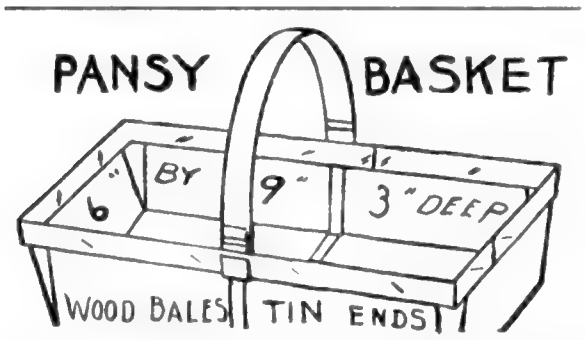
Fred Lepp, formerly of Pocomoke City, Md., is erecting several greenhouses at Rossville, Md.

Griffith & Turner Co. is mailing out its catalogue. January 18 nearly two tons were sent to the post-office to be distributed in and about Maryland.

The only florist who attended market regularly last week was James Glass. He was the sole reaper of what business came that way. He has never been known to miss.

The street boys were on the market Saturday offering southern single violets at a price within reach of every flower lover.

C. E. Smith & Co. are the only regular newspaper advertisers in the city. They advertise particularly for funeral work. J. L. T.



Six fit in bushel box to pack one upon another. Wood or wire handle. 100 samples, $1.10.
SEAVER BASKET CO., Medford, Mass.

CENTURY INSECTICIDE DEATH TO INSECTS
Cheapest and best on market. Once used, always used.
Positively kills green and black fly, mealy bugs, red spider, scale, thrips, or any insect on flowers, plants, trees, vegetables, etc. Will not injure, scent or discolor the most delicate flowers and foliage. Also sure death to Gypsy and Tussock Moths.
Especially adapted for Roses, Carnations, Chrysanthemums, Heliotropes, Smilax and Ferns. Handled by Leading Seedsmen.
$3.50 per can of 5 Gallons.
Prepared by W. H. KULD, Norwood, Mass.

Mention The Review when you write.

Starved Rose Bushes NEVER BLOOM
and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.
Don't Starve the Roots.
Put away your bushes this fall with plenty of fall and spring food for the roots.
The richest root food, stem and bloom producer you can use is
WIZARD BRAND PULVERIZED SHEEP MANURE
It goes further than any other fertilizer and costs less. No waste—or refuse or seeds.
Special prices to florists and greenhouse operators. Write for booklet.
The Pulverized Manure Co.
33 Exchange Ave., Chicago.

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NOTICE
To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms.
Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.
A. & C. PEARSON
Lowdham, Nottingham, England

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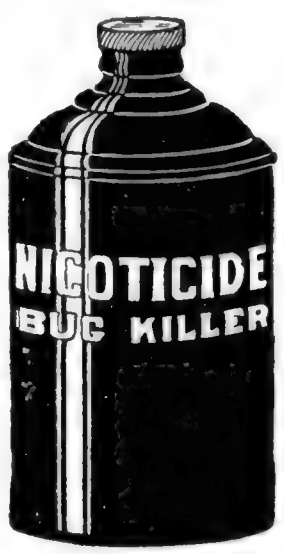
Tobacco Stems
Fresh and strong, bales weigh 250 to 500 lbs., 75c per 100.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

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PEERLESS SULPHUR BLOWER
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
McMORRAN & CO. 15-21 N. Clinton St. CHICAGO, ILL.

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...THE...
Chrysanthemum
By Arthur Herrington
Formerly president Chrysanthemum Society of America.
The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.
Florists' Publishing Co.,
Caxton Bldg., 334 Dearborn St., CHICAGO.



THE BEST Bug Killer and Bloom Saver.
Drop us a line and we will prove it....
P. R. PALETHORPE CO.
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E. H. HUNT,

GENERAL AGENT

76-78 Wabash Avenue, CHICAGO, ILL.



The Whilldin Pottery Co.

STANDARD FLOWER POTS

Our output of Flower Pots is larger than any concern in the World
Our Stock is always Large and Complete

Main Office and Factory.

713 WHARTON STREET, PHILADELPHIA

Warehouses: JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.



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HARTFORD, CONN.

The regular meeting, January 11, of the Connecticut Horticultural Society, held in the county building, was the largest attended of any in several months. A. C. Sternberg, of West Hartford, the president, was in the chair and there were over fifty members present. There was a handsome exhibition of carnations, the exhibitors being F. R. Pierson Co., of Tarrytown, N. Y.; A. N. Pierson, of Cromwell; J. F. Huss, superintendent for James J. Goodwin, and Carl Peterson, manager for Miss Whiting, of West Hartford. Awards were made as follows:

F. R. Pierson—For the new carnation, Winsor, diploma; for three varieties, Helen Gould, Melody and Rose-pink Enchantress, certificates of merit.

A. N. Pierson—For unnamed seedling, diploma; for two of the best specimens coupled, Robert Craig and Rose-pink Enchantress, certificate of merit.

J. F. Huss—Exhibit of blooms of many varieties, certificate of merit.

Carl Peterson—Exhibit of different varieties, certificate of merit.

U. G. Scollay, of New York, a builder of greenhouses, gave an interesting talk about greenhouse construction and heating. Mr. Huss enlightened those present on carnation culture.

Altoona, Pa.—L. S. Peterson has one house 16x32, one 22x115 and one 30x115 under construction. He is making a specialty of cut flowers and pot plants.

Enclosed find $1 for the Review for another year. There is no dollar I invest with more pleasure, or for which I get better returns.—J. F. Ammann, Edwardsville, Ill.

Bristol, Tenn.—Mrs. A. C. Perkins, formerly of Greenville, S. C., has been made treasurer of the Bristol Floral Co. This company has made an excellent start and has a rapidly growing business.

Edinburg, Ind.—Mrs. M. E. Woodward has enjoyed a good trade, although the gloomy weather has been against carnations. An addition was built to the plant last autumn.

The Review is gaining many good points every year. I congratulate you on your good work. You can depend on my dollar every year. It is worth $10 to every florist who reads it.—Charles Brown, Canton, O.

RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

PADUCAH, KENTUCKY

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Twin City Pottery Mfg. Co.

Successors to J. G. Swahn's Sons

—MANUFACTURERS OF—

GARDEN VASES, FLOWER POTS, HANGING BASKETS

Let us figure on your needs.

Both telephones. **2406 Marshall St., N. E., Minneapolis, Minn.**

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POTS OF QUALITY

If we were to manufacture greenhouse pots from any other kind of clay, our argument that **IONIA POTS** are the **BEST POTS** would lose its effect.

For 36 years the demand for them has steadily increased. Hundreds of florists use them exclusively. Make up your spring order. Send it to us now.

We will ship when you direct. **IONIA POTTERY CO., Ionia, Mich.**

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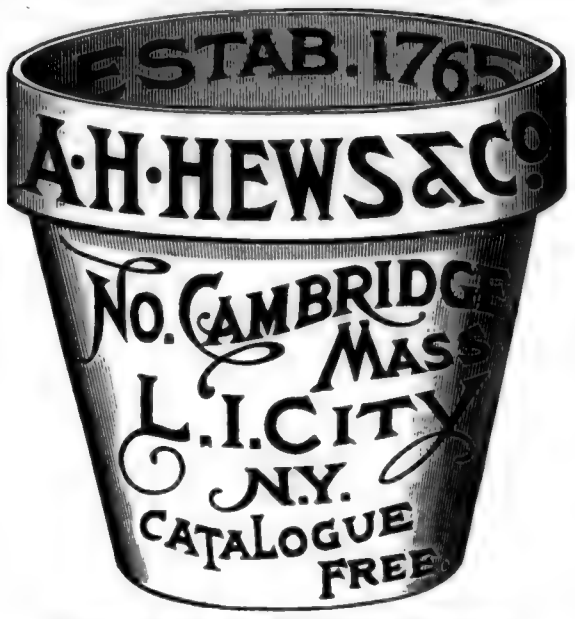
KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.

The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.

213 to 223 PEARL STREET, NORRISTOWN, PA.

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Red Standard Pots

Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application

HARRISON POTTERY, Harrison, Ohio.

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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa

Always mention the Florists' Review when writing advertisers.

KRICK'S PERFECT FLOWER POT HANDLE AND HANGER



Is used for lifting plants out of jardinieres, also for hanging up plants for decorations on walls, etc.

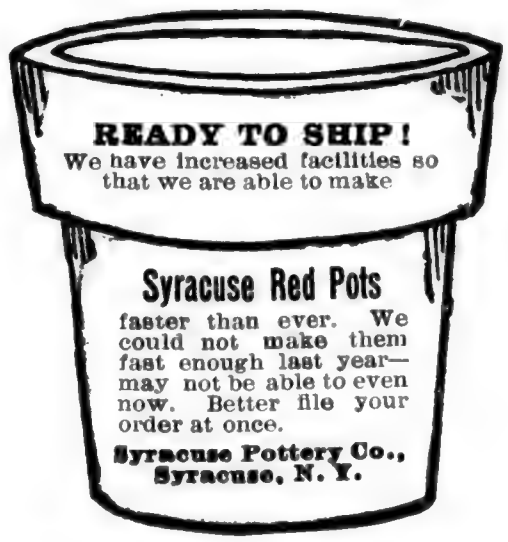
Will sustain a weight of 100 lbs.

No. 1 will fit from 2 to 5-in. pots, per doz., 30c; **No. 2** will fit from 5 to 8-in. pots, per doz., 40c; **No. 3** will fit from 8 to 12-in. pots, per doz., 50c; by mail, 10c extra per doz.; sample pair, 10c postpaid.

For sale by all Florists' Supply Dealers.

W. C. KRICK, 1164-66 Greene Ave. **Brooklyn, N.Y.**

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Mention The Review when you write.

If you want to kill Scale on your plants absolutely, there is only one preparation

WILSON'S PLANT OIL

Take a can of this preparation, dilute to four times its bulk with water, and wash or spray your palms, ferns, aspidistras, smilax, or any plants subject to scale, bugs or vermin and YOUR PLANTS WILL BE CLEAN. One of the greatest discoveries of modern times. NO ALKALI. NOTHING DELETERIOUS. DRIES AT ONCE. Saves many a dollar for you, Mr. Florist. Did you ever see any of these testimonials attached to an article that was not good.

READ WHAT OTHERS SAY OF IT:

ILLINOIS STATE PENITENTIARY, JOLIET, ILL., Nov. 14, 1906
Dear Sir: — Your Plant Oil arrived, and tried, and one application did the work. Something I have been looking for—for years. It's sure and no injury to the plants.
Very truly yours, W. M. TIPLADY, Florist.

MILWAUKEE, WIS.
Dear Sir: — At the present time we are using your Plant Oil at our greenhouses, and thus far it has given good satisfaction and we shall continue to use it. Yours truly, HOLTON & HUNKEL.

RUTHERFORD, N. J., June 28, 1906.
We have thoroughly tried your Plant Oil with very striking results. We may say this is the first insecticide we have tried on our palms that will remove the scale with the first application. We would like to say this is one of the few things that the florist cannot afford to be without, especially those who are growing palms and decorative plants. After one application of the oil the plants take on an entirely new appearance. We would be pleased to have prospective buyers visit our nurseries and inspect the palms on which we have used your oil. BOBBINK & ATKINS.

NEW YORK BOTANICAL GARDEN, Bronx Park,
NEW YORK CITY, Sept. 5, 1906.
Having used your insecticide here, I can testify to its efficiency in destroying scale and other insects infesting plants.
Yours very truly, GEO. A. SKENE.

FLORHAM FARMS, MADISON, N. J., Dec. 8, 1906.
Your Plant Oil is certainly the most effective scale killer I have ever tried. Please send another five gallons,
Yours truly, A. HERRINGTON.

PRICES: ½ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.

ANDREW WILSON, Dept. 5, SUMMIT, N. J.
or HENRY A. DREER, Inc., PHILADELPHIA.

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PECKY CYPRESS

For Greenhouse Benches. By far the best material.
PLACE ORDERS NOW
For delivery Spring, 1907
It will be open-air dried in the South and delivered when you want it.
Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, Etc.
Write for Prices.

ADAM SCHILLO LUMBER CO.
Cor. Weed Street and Hawthorne Avenue, CHICAGO
Telephone North 1626 and 1627

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AMERICAN TRADERS

If you are interested in European stocks of Plants and Seeds and latest news concerning same, subscribe to **THE HORTICULTURAL TRADE JOURNAL**, published weekly and **THE INTERNATIONAL HORTICULTURAL TRADE JOURNAL**, published quarterly. One dollar (International Money Order) sent to us now will ensure your receiving each number as published for one year.

Address The Horticultural Printing Co.
BURNLEY, ENGLAND.

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SEE THAT LEDGE.
Pat. Sept. 18, 1900



Use Our

Patent Iron Bench Fittings and Roof Supports
Ventilating Apparatus
Improved Vaporizing Pans for Tobacco Extracts, Etc.
Send for Circulars.

DILLER, CASKEY & CO. Successors to Jennings Bros. S. W. Cor. 6th and Berks Sts. **PHILADELPHIA, PA.**

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THE NEW SEASON IS NOW AT HAND

You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO
BEGIN!

METROPOLITAN MATERIAL CO.

Greenhouse Wreckers and Jobbers in Everything necessary to erect Greenhouses.

1398-1408 Metropolitan Ave., Brooklyn, N. Y.

THE FLORISTS' HAIL ASS'N HAS PAID $101,000.00
for glass broken by hail in the past twenty years.
For particulars address
JOHN G. ESLER, Sec'y, Saddle River, N. J.

Always mention the Florists' Review when writing advertisers.

Greenhouse Heating.

AMOUNT OF PIPE.

My house is 28½x100. How much pipe will it take to heat to 58 degrees when it is 10 degrees below zero?

W. B.

Since you do not mention the size of pipe you are to use, I have figured the requirements of the house on the basis of using 2-inch pipe. In order to maintain a temperature of 58 degrees it will require the use of 1,600 feet of 2-inch pipe. This can be distributed into four coils of four pipes each, one pipe in each coil serving as a flow, with three returns. If fewer coils are desired, the size of the flow pipe to each will require to be larger than 2-inch. If three coils are used each flow should be 2½-inch pipe. L. C. C.

ABOUT BOILERS.

How many square feet of radiation can be allowed per horse-power in rating a boiler for steam heating? How can I rate a tubular boiler of any given dimension and number of flues of given diameter? What is the ratio between flue area and grate surface?

W. H. C.

The basis for estimating horse-power in boilers of various types is quite different and is not the basis on which the heating capacity of the boilers is rated. The heating capacity is computed from the area of the boiler exposed to the action of the heated gases, or its heating surface. Roughly speaking, one square foot of heating surface in a boiler will care for eight square feet of radiation in the greenhouse, but this varies with the style of heating and the temperature to be maintained. The ratio existing between grate surface and heating surface in the boiler depends on the character of the fuel used. One to forty is the usual ratio for hard coal and one to eighty for soft coal.

We will be glad to give specifications for specific cases, which is the only satisfactory plan. L. C. C.

PIPING EIGHT GREENHOUSES.

We have eight north and south houses, even span, connected, each 18x100. The valleys are six feet high, ridges eleven feet. We wish to grow carnations in three houses and Grand Rapids lettuce in the remaining five. The mercury seldom falls below 15 degrees below zero. How much 2-inch pipe shall we need and how should it be arranged? Could we have a 6-inch flow at the north end, running east and west, connect the 2-inch pipe with a manifold, run the 2-inch along the west sides of the other houses and back again on the east side of the same house, connecting into the return at the north end, which is a 4-inch? R. B.

The arrangement of the main riser, or flow pipe, is all right, and it can be carried near the gable or near the floor, whichever is more convenient, provided both the flow and returns are at least three feet above the water line of the boiler. The piping of the houses will give the best satisfaction if arranged about as follows: Carry a 2-inch flow under the ridge of each house from the main riser to the south end of the house; there divide it to supply the coils to be located under the benches or on the side walls. In either event, with steam, it will be better to use 1¼-inch pipe for the returns or main heating pipes and each house should have nine such pipes supplied from the one 2-inch flow. The nine returns if arranged in manifolds on the side walls should be united to empty into the main return, which, if it is a 2-inch, will be ample for the plant in question. L. C. C.

ACCELERATING CIRCULATION.

In the Review of January 10 there is a query from J. A., regarding his heating system. I would like to offer him a few suggestions. I cannot from his description fully make out just how his pipes are arranged, but think I understand enough to locate his trouble.

He says there are six flows, leaving a main, with risers about ten inches high, and these go to the far end of the house and return through ten returns; I presume, to a main and thence to the bottom of his boilers. Now, he does not say what size that main is. I take it that this main runs across the end of the house and the six flows come off at certain distances by tee branches. Now, I think here is the trouble: Those tees have the outlet on the upper side of the main, and rise ten inches to an elbow. Those outlets are, perhaps, the same size as the main and flows. If so, the circulation is too free in the first one or two flows nearest the boiler, robbing the branches farther along; and

WILKS GREENHOUSE HEATERS

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO NIGHT FIREMAN REQUIRED

Can be used with either HARD OR SOFT COAL.

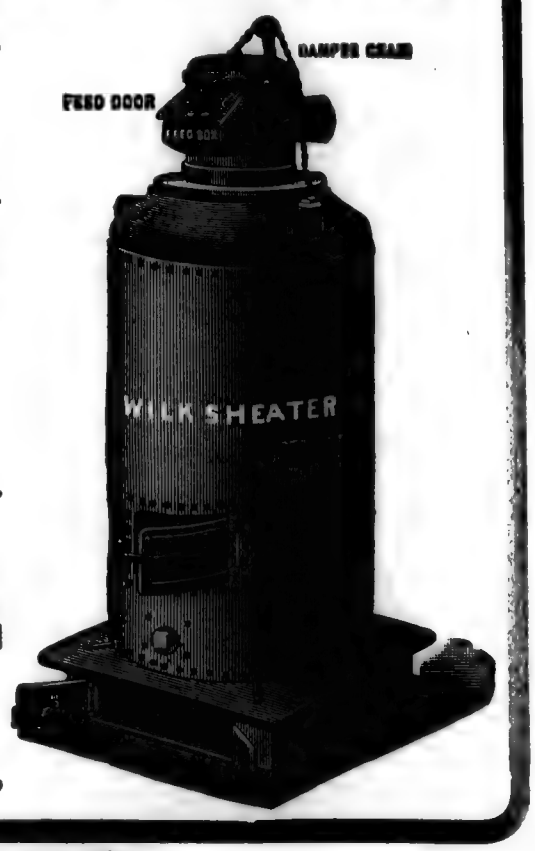
SEND FOR OUR NEW CATALOGUE.

MADE BY

S. WILKS MFG. CO.

35th and Shields Avenue,

CHICAGO, ILL.



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DO YOU KNOW ABOUT THE

Martin Rocking Grate

IT SAVES COAL

MARTIN GRATE CO. 283 Dearborn St. CHICAGO

Mention The Review when you write.

FURMAN BOILERS

SAVE FUEL

Write for Catalogue

See advertisement in last week's Review and watch for it next week,

THE HERENDEEN MFG. CO., Geneva, N. Y.

Mention The Review when you write.

Write Us Your Wants in

Heating Specialties

We supply everything needed for a Greenhouse Heating Plant. Booklet for the asking.

HENION & HUBBELL

61-69 N. Jefferson St., CHICAGO.

Mention The Review when you write.

FLORENCE HEATERS

ARE MADE IN A WIDE VARIETY OF STYLES,

ARE SIMPLY CONSTRUCTED,

EASILY ERECTED

AND ARE

UNIVERSAL

FUEL BURNERS

For New 1907 Catalogue, address

Columbia Heater Co.

BELVIDERE, ILL.

Sales Dept., 36 Dearborn St., Chicago



The Standard of Excellence

C. C. B. POCAHONTAS SMOKELESS COAL TRADE MARK REGISTERED

A Symbol of Quality

Our registered Trade-Mark covering **THE CELEBRATED C. C. B. POCAHONTAS SMOKELESS COAL** corresponds to the Sterling Stamp on silver, as the United States Geological Survey has made it **The Standard for grading all Steam Fuel.**

C. C. B. POCAHONTAS SMOKELESS

is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequaled for the Generation of Steam and Domestic Purposes.**

CASTNER, CURRAN & BULLITT, Sole Agents

Branch Offices
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Citizen's Bank Building, Norfolk, Va.
Old Colony Building, Chicago, Ill.
126 State Street, Boston, Mass.

C. C. B. Pocahontas Smokeless Coal
Main Office: Arcade Bldg.
1 South 15th Street
Philadelphia, Pennsylvania

Branch Offices
Neave Building, Cincinnati, Ohio.
Terry Building, Roanoke, Vt.
European Agts.—Hull, Blyth & Company,
4 Fenchurch Ave., London. E. C., Eng.

Mention The Review when you write.



ON PAGE 565, Jan. 10

issue of this publication there appeared an advertisement for the sale of a greenhouse. One of the first things said about the plant was that

Morehead Steam Traps

WERE INSTALLED

When the fact that Morehead Steam Traps installed in a plant is used as one of the first talking points in order to effect a sale of the plant, illustrates in a most convincing way what the user thinks of the **MOREHEAD.**

Are you satisfied with the operation of your steam system?

Have you condensation troubles?

We have the remedy for your heating troubles. Write us for our Florists' Catalogue.

Morehead Mfg. Co.

1043 Grand River Ave.
Detroit, Mich.

Mention The Review when you write.

The John Davis Co.

Halsted, 22d and Union Street

CHICAGO, ILL.

Manufacturers and Wholesalers of

Wrought Iron Pipe
Cast-Iron Fittings
Valves, Pumps
Steam Traps

and everything used in a Steam Plant

A majority of the Houses are changing from water to steam. The only pipe to use is the genuine **Wrought Iron** and "Byers" is the best made. WRITE US FOR PRICES.

WE REFER TO
BASSETT & WASHBURN
POEHLMANN BROS. CO.
GEORGE REINBERG
PETER REINBERG

Mention The Review when you write.

High-Grade Boilers

Get our Catalogue **For GREENHOUSES**

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

Mention The Review when you write.

the harder you fire the worse it is, as the hotter the water the more ready it is to escape through those openings and return to the boiler.

If this is about the way the pipes are laid out, the tees from the main to the flows should be on their sides, with a piece of horizontal pipe eighteen inches or two feet long with an elbow to the riser. I would also reduce this piece of horizontal pipe to three inches in the first three branches and shorten the other two to twelve inches, and let the last one be a mere nipple; or let the outlet be on the upper side. I have found it bad practice to take branches from the upper side for hot water without reducing them by at least one-half or putting on a valve in the riser to control the flow when there are branches taken off beyond on the same main.

A valve between the boilers is not necessary. They can both be connected up to the main flow and return, and either or both boilers be used at the same time. His boiler-room will not be so warm if a proper circulation is obtained in the pipes, which this arrangement should give. R. G. MILFORD.

ELEVATE EXPANSION TANK.

I would like to say a few words in reply to the article by R. G. Milford in the REVIEW of January 10. When he says that the height of the expansion tank has no bearing on the efficiency of the heating plant, I have to differ with him. I do not mean that it has any effect on the circulation; but with a high tank it is possible to heat the water to considerably more than 212 degrees, which is of great importance in a very cold spell.

Where a water supply tank is necessary, as in most country places, it is by far the best expansion tank that could be devised. Mine is something over forty feet above the boiler, giving a pressure of about twenty pounds, and, in consequence, we have several times run all night with the hot water thermometer showing 230 to 240 degrees. If any one thinks this is not greater efficiency than a low tank could give, let him try it in unusually cold weather.

My connection is as follows: The tank is at the farther end of the greenhouse from the boiler, about 150 feet. The 1½-inch main supply pipe from the tank runs under the first bench to the boiler-pit and into a return near the boiler, and is tapped in several places for water pipes to run through the various houses. A ¾-inch pipe is taken from the flow on the heating coil nearest the tank and runs up and into the tank beside the supply pipe. Thus I have a constant circulation of hot water from the boiler to the tank and down to the supply pipe. On the ¾-inch pipe to the tank there is a brass stop-cock which is nearly closed; only an opening is left about the thickness of a knife-blade. This is ample and prevents waste of heat.

The principal advantage of this circulation is, that there is no danger of any pipes to the tank freezing in any weather, even if they were entirely uncovered; and your tank water is always warm for watering plants. W. R. GRAY.

PIPE FOR HEATING.

I intend to build a carnation house 14x90. The mercury sometimes reaches 5 degrees below zero. How many 1½-inch returns should be required to maintain proper temperature? Would 2-inch flows be enough to supply required amount of returns. L. H.

Yes, two 2-inch flow pipes will be sufficient to provide for the radiation in the house 14x90 feet. The piping should consist of two 2-inch flows and twelve 1½-inch returns. If these can be arranged in two manifolds it will be satisfactory. L. C. C.

DOVER, N. H.—Charles A. Davis will run a wagon and establish a branch at York Beach the coming summer.

BRACEVILLE, O.—Florists here all report a big holiday trade and everything cleaned out by noon Christmas.

OKLAHOMA CITY, OKLA.—Spring is on the way; violets were seen in bloom last week in the open.

I THINK the REVIEW is the best paper for florists. It is a great help and very instructive.—P. W. MASON, Bernardsville, N. J.

GLASS

There is no question but what **NOW** is the time to buy your Glass. Prices are on the up-turn. **BE QUICK** or you will pay more. **WRITE US TODAY.** We are headquarters for

GREENHOUSE GLASS

SHARP, PARTRIDGE & CO. 2264 to 2274 LUMBER STREET **CHICAGO**

THE LITTLE WHITE FLY.

I have a little white fly that is troubling my Primula obconica and cinerarias by working on the underside of the leaves. Can you tell me what they come from and how to get rid of them?

S. H. W.

This little pest is now widely spread and known. The only sure application for its destruction is the cyanide gas, the formula for which you will find in last week's REVIEW. One application is not enough. The gas will kill all the fully developed insects, but will not destroy the eggs, so in two or three weeks after the first fumigation you must give the house another dose of the gas with every hope that they will be entirely destroyed.

W. S.

LAKEWOOD, O.—S. J. Bennett, who is established in business in this place, was gardener for the late Senator Hanna, whose widow gave up the home in Cleveland, thus necessitating Mr. Bennett's seeking another place.

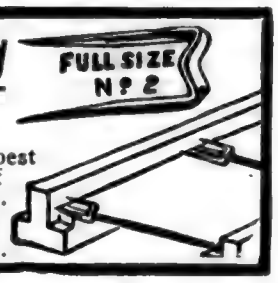
..HOOKER..

HOOKER'S GREENHOUSE GLASS
Selected quality
HOOKER'S GREENHOUSE PUTTY
Made with pure linseed oil
HOOKER'S PAINTS AND BRUSHES
HOOKER'S FELT ROOFING
Flint-coated
HOOKER'S RUBBER SHEATHING
Absolutely waterproof
Always glad to quote prices.

H. M. HOOKER CO., 57 W. Randolph St. CHICAGO, ILL.

Mention The Review when you write.

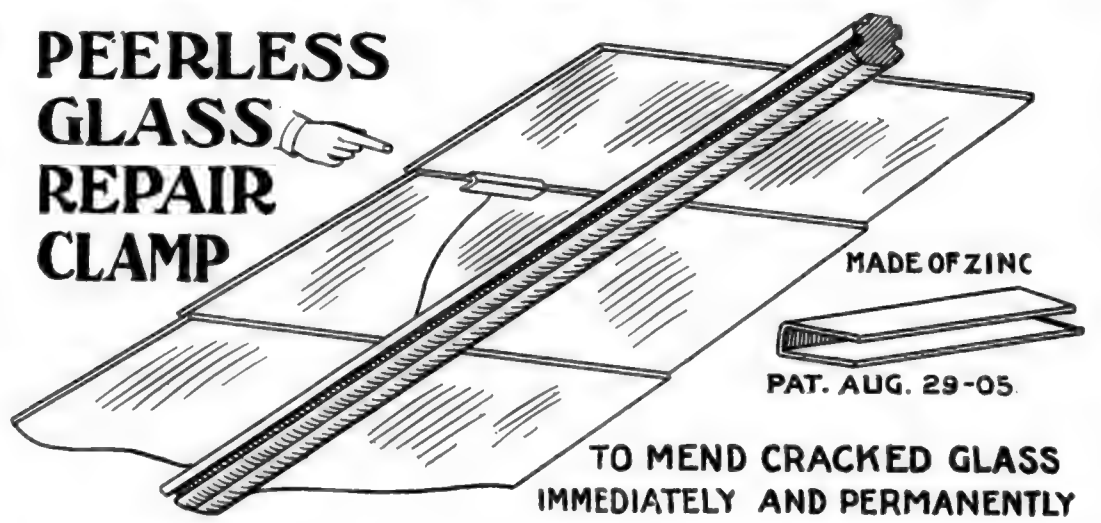
Holds Glass Firmly
SEE THE POINTS
PEERLESS
Glazing Points are the best
No rights or lefts. Box of 1000 points 75 cts. postpaid.
HENRY A. DREER
714 Chestnut St., Phila., Pa.



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It takes but Two Seconds to apply the

PEERLESS GLASS REPAIR CLAMP



TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

The handiest article in the market. For sale everywhere.
Box of 100, by mail, $1.00.

Or address the maker, **ALEXANDER KLOKNER,** Milwaukee County, WAUWATOSA, WIS.

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Standard Plate Glass Co.

Manufacturers, Importers and Jobbers

AMERICAN AND FRENCH GREENHOUSE GLASS

26-30 Sudbury Street, 61-63 Portland Street, **BOSTON, MASS.**

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SPRAGUE, SMITH CO.

Greenhouse Glass

A SPECIALTY

169 Randolph Street, CHICAGO, ILL.

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The Pittsburgh Plate Glass Co.

422 Wabash Ave.

CHICAGO

GREENHOUSE GLASS

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LARGE LOT

GREENHOUSE GLASS

at special prices. Write at once.

JOHN LUCAS & CO.

322 Race Street, Philadelphia
New York Chicago

Mention The Review when you write.



SIEBERT'S ZINC Never Rust Glazing Points

ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ¾, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.

SIEBERT COMPANY, Sta. B., Pittsburg, Pa.

Mention The Review when you write.

H AND C

JUST THINK THIS OVER

"The man on the outside often knows more about what's going wrong on the inside than the inside man does." Just for example, we run across many a house that we can see at a glance is costing more to run than it should—the inside man is so accustomed to the existing conditions that he long ago ceased to think them important - We trace these things out—that's our business and that's our reason for saying: if you want a house of economy—one that will be planned out to save you every dollar to be saved, then go to people who not only understand greenhouse building, **but know greenhouse economies.** Write to H & Co. for information.

HITCHINGS AND CO.

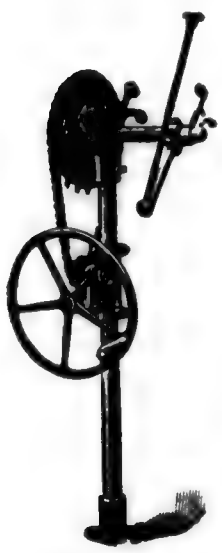
GREENHOUSE DESIGNERS AND BUILDERS.

Manufacturers of Heating and Ventilating Apparatus.

1170 Broadway, NEW YORK.

H AND C

Mention The Review when you write.



"Your machines are doing fine work and I am well pleased with them," is what a New Orleans florist writes us. "I did not remit sooner because I wished to give your machine a good trial. I will say that your machine works fine. It is doing better work than the —— that I have in my other house," is what a Michigan florist writes. Free circular.

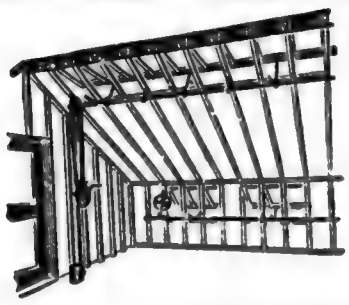
THE ADVANCE CO.

RICHMOND, IND

Mention The Review when you write.

THE

NEW WOLF ROLLER BEARING PIPE



and improved cable ventilating machines are the most powerful on the market. Send for catalogue.

A. Q. Wolf & Bro.

Dayton, O.

Mention The Review when you write.



The Standard Ventilating Machinery

The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

The New Duplex Gutter

Over six miles in use and highly recommended by all. The only DRIP PROOF gutter on the market.

The Standard Return Steam Trap

It has no equal for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, O.

Mention The Review when you write.

ANCHOR GREENHOUSE HOSE

STANDS THE RACKET.

Protect your plants with our **Plant Bed Cloth.**

MINERALIZED RUBBER CO.

18 Cliff Street, NEW YORK

Mention The Review when you write.

Steel Construction a Specialty

HORTICULTURAL ARCHITECTS and Builders of State and Private Conservatories and Greenhouses

Sketches and Estimates free on application.

Sole Agents west of Detroit, Mich., for the American Tufa Incrustation Co., and builders of Tufa Stone Ornamental Water Fountains, Grottoes, Rockeries, Ferneries, etc. Tufa Stone furnished in car lots or less. Prices upon application.

PROBST & CHRISTIANSON,

124 N. Seventh Street, DE KALB, ILL.

Mention The Review when you write.

PEOPLE who know a good thing when they see it, and will take advantage of the same, must be possessed with good judgment and are generally successful. One of our successful growers has this year taken out 6000 feet of wooden gutters, which were only 5 years old, and replaced the same with 6000 feet of the **GARLAND IRON GUTTER,** this being his fifth annual order.

Our long list of orders of this kind is our best reference. By writing any of the large growers at Chicago you will confer a favor on the

GEO. M. GARLAND CO., - DES PLAINES, ILL.

Mention The Review when you write.



20th Century Self-Balancing Galvanized Iron VENTILATORS (patented).

BEST and CHEAPEST

A. RASMUSSEN, New Albany, Ind.

Mention The Review when you write.



Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works

RICHMOND, IND.

Mention The Review when you write.

Standard Pumping Engines

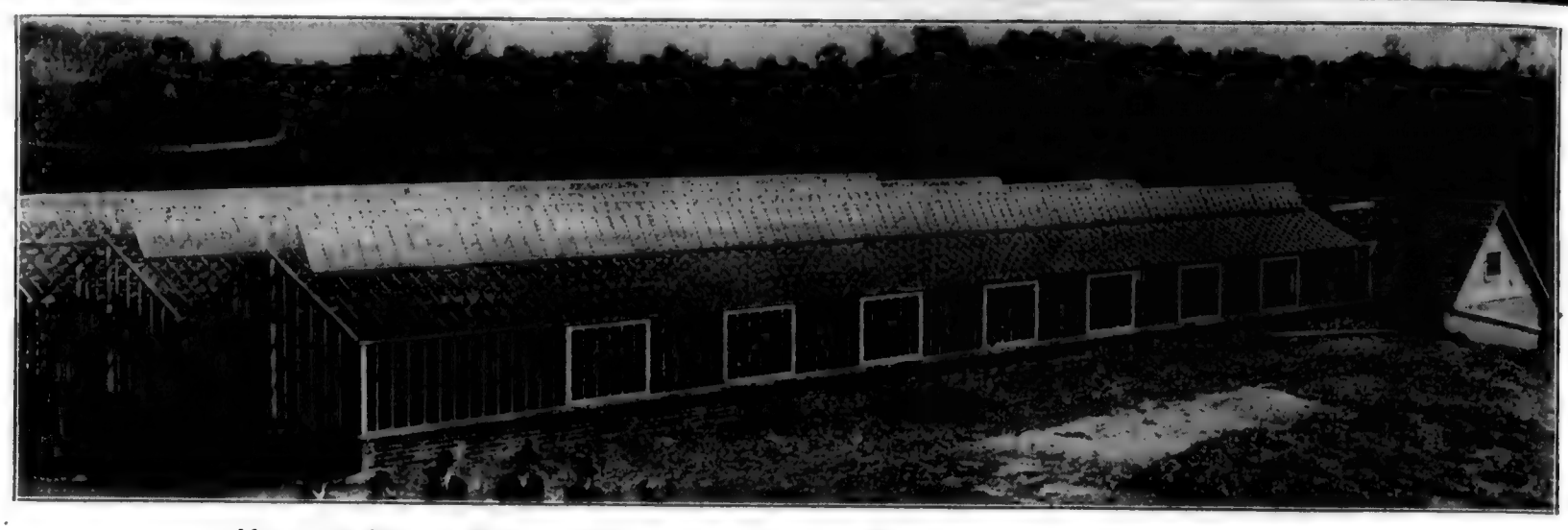
If your business increases this year, what are you going to do about your water supply? Better have us help you.

The Standard Pump & Engine Co.

CLEVELAND, OHIO.



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View of Short-Span Houses Supplied to Mueller Bros., St. Joseph, Mo.

It will not cost you anything to get our sketches and estimates. After you once have used our material we are not afraid of losing your future orders. Write us about the houses you propose to build.

Washington Red Cedar or Louisiana Cypress

GRADES PERFECT—PRICES RIGHT. Ask for estimates and Sketches.

A. DIETSCH CO., 621 Sheffield Ave., CHICAGO

SELLING AGENTS FOR THE WITTBOLD WATERING SYSTEM.



Some forms of greenhouse construction are especially adapted for special requirements. U-Bar greenhouses are the best greenhouses built because they are adaptable to **all requirements.** No form of construction meets so thoroughly every demand. Send for catalog. **Pierson U-Bar Company, Designers and Builders of U-Bar Greenhouses,** Metropolitan Building, 4th Avenue and 23rd Street, New York.



Is It Economy

to use a poor grade of material for your greenhouse and then spend as much as the material cost you on repairs in the course of a few years? It never pays

TO BUY "CHEAP" MATERIAL

for greenhouse construction, as it is, in the end, money wasted. It always pays to pay for quality and if you get our material you will find the quality O. K. Let us figure on your present needs.

John C. Moninger Co.

129 E. Blackhawk St., CHICAGO

Mention The Review when you write.

The Review's Classified Advs. ARE A GREAT CONVENIENCE is the verdict of the buyers.

"It is so easy to find what you want."

BEFORE YOU BUILD THIS YEAR
PERMIT US TO MAKE PLANS AND ESTIMATES

The Foley **GREENHOUSE MATERIALS** The Best

ALL HEART SUN-DRIED CYPRESS. UNEQUALLED
CUT EXACT SIZE AND FIT. PERFECT WORK

The Foley **VENTILATING APPARATUS** The Best

ALWAYS SECURING PERFECT VENTILATION
ADAPTABLE TO ANY SIZE HOUSE. GET CIRCULARS

The Foley **HOTBED SASH AND FRAMES** The Best

SASH OPEN OR GLAZED. STANDARD SIZES IN STOCK

GET OUR FIGURES AND SUGGESTIONS ON YOUR PROPOSED WORK

NEW ILLUSTRATED CATALOGUE SENT POSTPAID

FOLEY MFG. CO., 471 W. 22nd St., **CHICAGO**

AFTER MARCH 1 WE WILL BE IN OUR MODEL NEW FACTORY AND
EXTEND YOU A HEARTY INVITATION TO COME AND SEE US

FARTHER NORTH. "It is the lightest and strongest house imaginable."
HALL & ROBINSON,
Montreal, P. Q.

NORTH. The lightest and most perfect greenhouse construction yet attempted. Best crop of beauties I ever had.
J. H. DUNLOP,
Toronto, Ont.

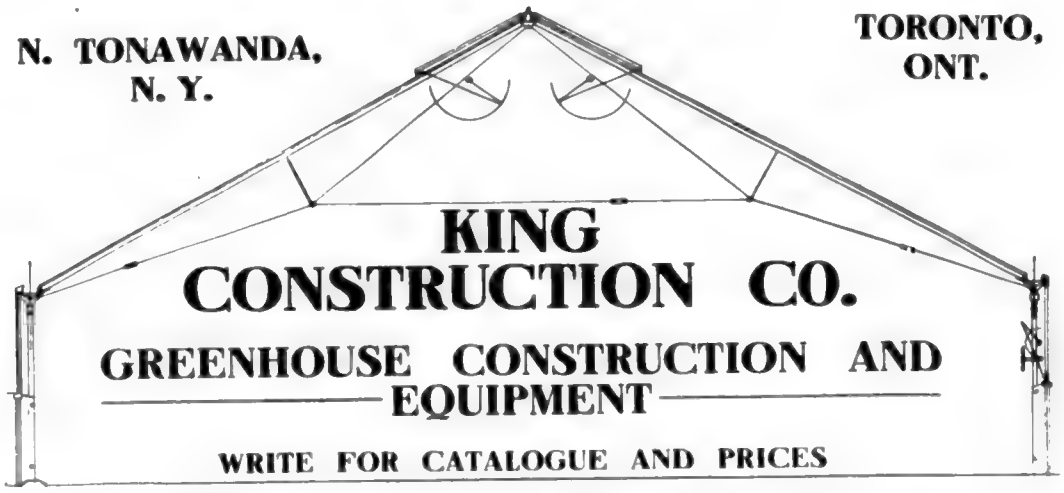
NEW ENGLAND. "No shade in my new house, crop is a record breaker."
J. A. LONG,
East Haven, Conn.

EAST.
"So well pleased with all points, we intend to build more of them."
G. MATTHEWS,
Great Neck, N. Y.

CENTRAL.
"Lightest house on the place, strong as a bridge."
W. J. PALMER & SON,
Buffalo, N. Y.

N. TONAWANDA, N. Y.

TORONTO, ONT.



KING CONSTRUCTION CO.

GREENHOUSE CONSTRUCTION AND EQUIPMENT

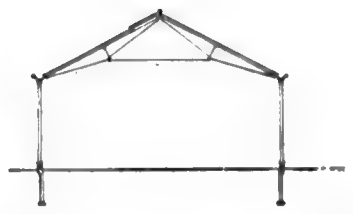
WRITE FOR CATALOGUE AND PRICES

EXTRACT from a letter received from J. J. Lampert & Sons, Xenia, Ohio: "We have the larger house planted to mums now and they have outgrown considerable stock that was planted a month earlier in this locality. Also we have one house planted to roses which are doing nicely. We like the houses ever so much and would not have anything else again."
Signed, J. J. LAMPERT & SONS.

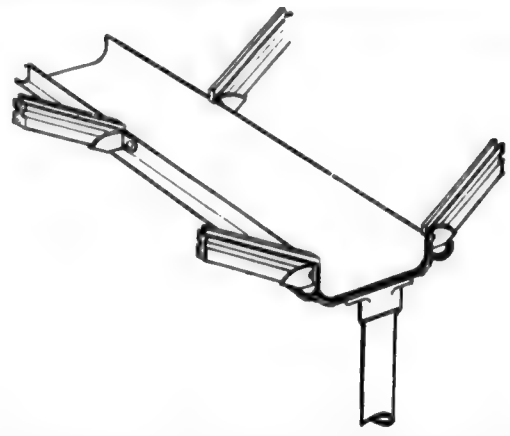
THE KING GUTTER is a great advance on anything else of the kind. **The E. G. Hill Company**, who have used them in their new range of 100,000 feet just complete, write: "Everything fits admirably and we are much attached to the **King Gutters.** We think that the next time we build we will use the entire **King Construction.**"

FAR WEST.
"After making a trip East to see all constructions am ordering yours. Best in every way."
C. H. HOPKINS,
Kent, Wash.

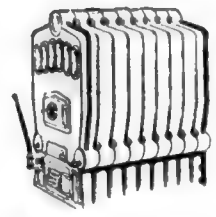
WEST.
"They are perfect in every way."
C. F. MALER,
Denver, Colo.



Only truss house based on tried out mechanical test—Send for catalog—get prices on material.



Cast-iron gutter with drip gutter, sashbar clasp attached, for ridge and furrow houses. Get a line on our price.



The Burnham Sectional Boiler made especially for greenhouse work—and it works works as no other boiler does—we can prove its economy—get catalog.

Something for you to think over

We have certain patented structural points about our houses that make them lighter and more lasting—points that can be used in every house you put up, and actually not increase the expense, while adding tremendously to the rigidity and life.

We want you to get firmly fixed in your mind what these things are, want you to never forget that we sell every good sort of materials that go to make a greenhouse, from the glazing nails to the cypress—from putty and paint to boiler and ventilating apparatus—from clamp bench fittings to clamp column fittings.

We want you to have every one of our catalogs, want you to get thoroughly acquainted with the fact that we are in business to supply the florist—and that your smallest order will receive the sort of attention you like.

Write at once—get acquainted—tell us your troubles.

Lord & Burnham Co.

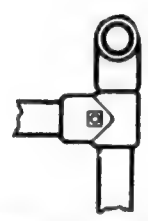
Greenhouse Designers and Builders

1133 Broadway, cor. 26th St., NEW YORK

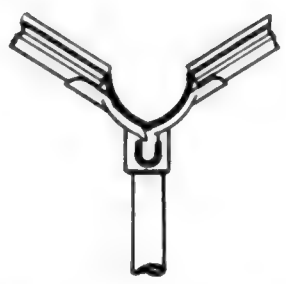
BOSTON BRANCH, 819 Tremont Building



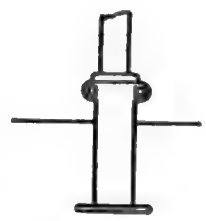
Make our own paint—grind our own putty—know it's all paint and all putty—no cheap adulterant. Send for the **"Stay Put"** Paint and Putty booklet.



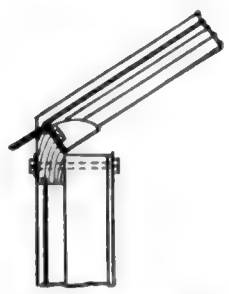
Interchangeable clamp column fitting. They make the Giant Arch—it holds your house up and ties it down—saves expense and trouble of extra scaffolding. We'll tell you more—and what they cost.



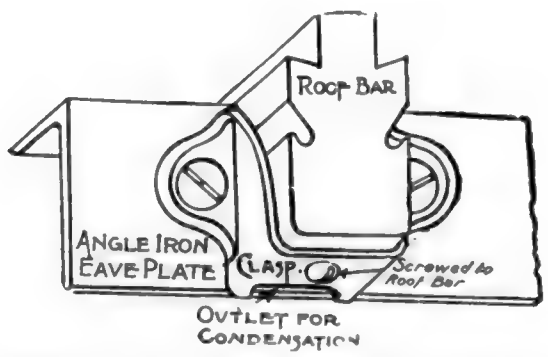
V-shaped gutter with drip gutter and sashbar clasp attached. You sure want information—write—get price.



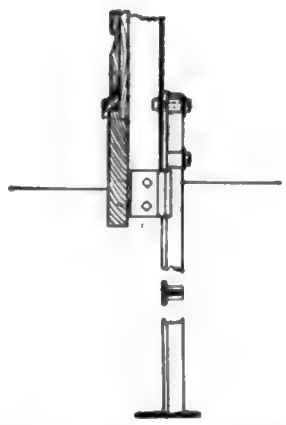
Pipe column foot piece. It lasts forever—has adjustable top to save time in lining up. Find out what they cost.



Galvanized ice-clearing eave plate, sashbar clasp and angle iron post—life-savers for your house—doubles its strength. Write for more reasons—give them a try in your next house.



Sketched this up, in a hurry—wanted to show you how clasp is attached to our plate—point out the drip opening—it makes dry joint—case of wood against iron—not wood against wood.



Nothing lasts in the ground like cast-iron—we make our foot piece that way. See how we bolt it to the angle iron post, and the detachable baseboard bracket in place. Get prices and get them now.

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, JANUARY 31, 1907. No. 479.

Aster to Zinnia

VERBENA

Our Mammoth Quality Strain is without a doubt the finest ever offered to the trade.

	Trade pkt.	Per oz.
Mammoth, blue	$0.25	$1 25
Mammoth, pink	.25	1.25
Mammoth Defiance, scarlet	.25	1.25
Mammoth, striped	.25	1 25
Mammoth, white	.25	1.25
Mammoth, mixed	.25	1.00
VINCA		
Alba, white with rose center	.15	.50
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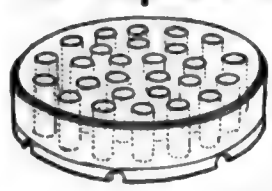
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SEASONABLE SUGGESTIONS

Easter Lilies.

We are experiencing a much colder winter than a year ago, and one which so far has given us an abnormal proportion of sunless weather. February will have arrived before these notes reach the majority of readers. It is a short month and usually a snowy and cold one. Easter comes early this year, and a great deal of care will be necessary to get lilies and other flowering plants in on time. The buds on Easter lilies should be showing so that they can be counted by the middle of February. By hard forcing, flowers may be had even if the buds do not show till the end of the month, but six weeks is none too long to allow for their proper development. It is better to have them in bloom, and hold them back in a cool house for a few days, rather than attempt to force them almost to death in the last few days.

Assuming that the plants are in about the right stage, give them a night temperature of 55 degrees, syringe overhead twice a day and see that they are not allowed to become dry at the root. Drop a little tobacco dust or juice in the top of the shoots for the benefit of the omnipresent green aphis. As the pots will be well filled with roots, give some liquid stimulants once a week to keep them toned up.

We are this season trying a good many Azores longiflorums and they have the smallest percentage of disease of any on our place. The Bermuda stock is far less satisfactory.

If some of your plants have buds well advanced, and you wish to retard them, do not place them in a cold house or most of the buds will be destroyed. Keep fairly warm until the first flowers are ready to open. Then place in a cooler structure.

If there are any bulbs still unpotted and you need same for Memorial day trade, lose no time in getting them into the soil.

The popular hardy garden lily, L. candidum, will be difficult to get in flower by the end of March. This lily dislikes hard forcing. Better hold back the plants for Memorial day rather than ruin them in a vain effort to secure some for Easter.

Rambler Roses.

If ramblers were started in December they will now have shoots several inches in length and it should be possible to see the buds in a few days. Give them a light, sunny location; syringe only on bright days; keep a little sulphur painted on the pipes to hold mildew in check; water carefully, and if the plants have been grown right along in pots provide some liquid food.

There can be no question but that this class of roses is far and away better when pot-grown all the time. They force better, break more evenly and give larger trusses of flowers. Crimson Rambler, to be in season for Easter, should have the buds just peeping. The new pink forms, such as Lady Gay, Dorothy Perkins, and others, need fully two weeks longer than Crimson Rambler to come in. They will stand a fairly brisk heat now, 60 degrees at night being hot enough. Later batches started now will provide salable plants in April. The pink forms have proven better sellers than the crimson, being less common and of a pleasing color.

Hydrangeas.

Hydrangeas are less grown for Easter than a few years ago, most growers preferring to have them in flower about Memorial day. Well shaped and bloomed plants, however, usually sell well. The flower heads should now be discernible, in which case they should be all right by March 31. Hydrangeas need liberal supplies of water, with liquid manure or a chemical surfacing once a week.

Probably some plants will not throw much bloom, but will provide good cuttings. Take off a good batch of these and place in a warm propagating bench, where they will soon root and make nice plants for another year. Some buyers prefer the pink forms of H. Otaksa, while others consider blue the best shade. An absolutely pure white one would probably please all elements.

Astilbe.

Astilbes, or as they are more popularly called, spiræas, are always useful at Easter. They are comparatively cheap plants, but can be put to diverse uses. They will stand hard forcing until the flowers show color, when they should be placed in a cooler house. The old variety, A. Japonica, has to quite a large extent been displaced by its improved form, A. Japonica compacta multiflora, A. astilboides, and the fine new variety, Gladstone. The three latter sorts need about two weeks longer to fully develop than does the older sort. By this time the plants should have started to grow. Give them a night temperature of 60 degrees for a month yet, gradually lowering the temperature as the flowers commence to open. They



Mirror Decoration of Winsor Carnation and Elegantissima Fern.
(One of the Toronto exhibits of the F. R. Pierson Co.)

need copious supplies of water and when the pots are well filled with roots there is little danger of an oversupply. As they grow spread them out to give them a chance to develop. In fumigating use great care, as they are very easily injured.

Marguerites.

Nicely grown marguerites make very serviceable Easter plants. Both the white and yellow varieties flower freely and are excellent for house or church decoration. Do not pinch plants any more which are wanted by March 31. If any are in 6-inch pots and becoming potbound give them a shift to 8-inch. Use rich compost and press it firmly around the edges of the pots. A light, sunny house, about 50 degrees at night, will suit them. Feed liberally when well matted with roots and on no consideration allow them to become dry. The new white variety, Queen Alexandra, makes an excellent pot plant and has jumped into great favor.

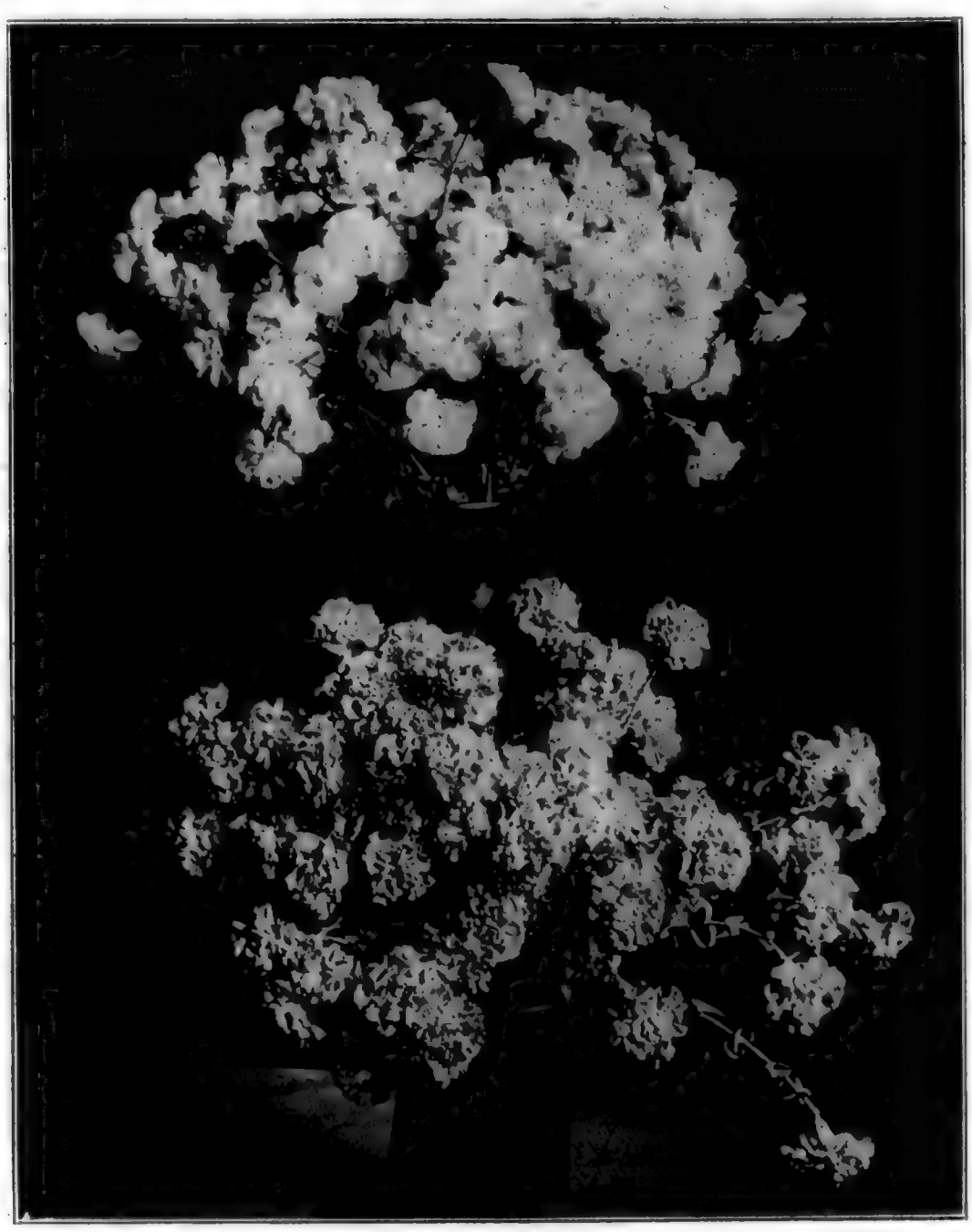
Cut flowers of marguerites meet with an excellent sale in many of the markets. A piece of bench into which some old plants headed back were set late in August are now giving a wealth of flowers on fine stems. They are popular with the most critical flower buyers.

Bulbous Stock.

It is too early yet to start tulips or narcissi for Easter, but while flowers are so scarce as at present a nice crop of these flowers is proving profitable. That grand early tulip, La Reine, is now coming with a good length of stem. It remains as popular as ever. Batches of most of the other early varieties can now be brought in at intervals of a few days when they are well started. Be sure to remove them to a cool house when well opened. On such a place they will last well. Narcissus Golden Spur is now extra good and it is one of the finest of all the yellow daffodils. Such varieties as Emperor, Empress, Sir Watkin, Victoria and Horsfieldii brought in the middle of January are pushing up their spikes. These easily can be held in check by removal to a north house. N. pœticus ornatus has already appeared in the market. It remains one of the most popular of the narcissi. The old N. pœticus is a good Easter sort. It dislikes hard forcing, but if placed now in a carnation house temperature it will be in season.

Azaleas.

If not already placed in heat, lose no time in placing azaleas wanted for Easter in a warm house. Apollo remains one of the best scarlets. Mme. Van der Cruyssen, Simon Mardner, Vervæneana, Empereur de Bresil, Niobe and Sigismund Rucker are all excellent varieties. A warm, moist house will suit these Indian azaleas. Syringe them twice a day, or four times in very bright weather. If growth starts ahead of the flowers, pull it out. Withhold syringing as the flowers show color. Azalea mollis, if well budded, makes a fine pot plant. It will stand quite hard forcing and can be had in flower in six weeks in a warm house. Started about February 15, they should be in season for Easter. They need a thorough freezing before being forced.



Upper Vase Alma Ward, Exhibited by Cottage Gardens Co.
Lower Vase No. 348, Exhibited by Dailledouze Bros.

Gloxinias.

Dormant tubers of gloxinias may be started now in flats of leaf-mold or moss in a warm house. Water well at first and then keep on the dry side until they are started sufficiently to be potted off. The gloxinia is not, perhaps, of as much value to florists as many other plants. A nicely flowered plant will always attract a retail customer, and they are fine for the store window. The flowers are also useful at Memorial day for the choicer bouquets, for which holiday roots started at once will give a nice lot of flowers. Seed sown now in pans of light compost (if sterilized, all the better) will give good flowering plants for late summer. As the seeds are extremely fine, the compost in the pan should be made perfectly level, watered and the seed evenly scattered on the surface. Do not cover except with a sheet of paper. Water through a fine sprinkler and the seed should germinate in three weeks in a warm and moist house.

Seed Sowing.

It is too early to sow asters for outdoors. If a bench will be at disposal after Easter try the experiment of planting it with Queen of the Earlies. They succeed well under glass in a cool house in four to five inches of compost and for any who need flowers for funeral work they will come in very useful before the outdoor crop is in season. Plant six inches apart between the plants and nine inches between the rows.

Stocks to flower for Memorial day may still be sown. A good selection of ten weeks' is the best. If verbenas are not sown, start them as soon as possible. Salvia splendens you can keep in the packets a month yet, but ageratum can be sown at any time. Petunias and pentstemons ought to be started during February, and do not forget a packet of the excellent and free-flowering Primula obconica, of which there are now some fine strains. Sown thus early, excellent plants may be had for Christmas sales.

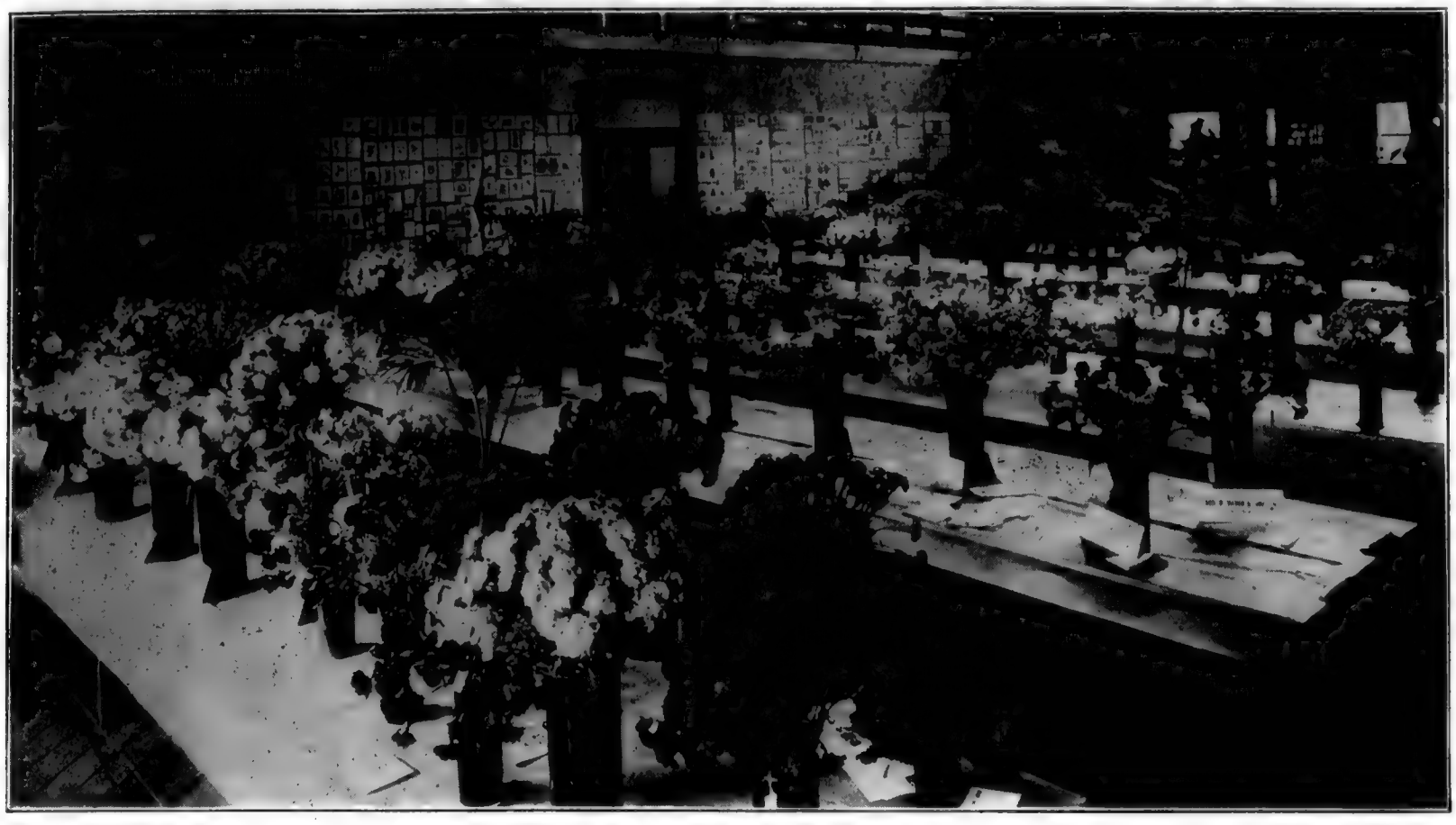
Cannas and Dahlias.

It is altogether too early to start either cannas or dahlias. Examine the canna roots and if they are becoming dry, water moderately. Too dry conditions are as harmful as too much water. Dahlias should be examined and any decaying roots removed. Unless it is desired to work up stock of some novelty, we would not advise starting for two months yet.

C. W.

East Palestine, O.—J. N. Spanable is growing carnations and bedding plants in the two 100-foot houses he built last autumn.

Logansport, Ind.—January 19 water backed up in the boiler-pit at John A. Newby's greenhouses and put out the fire. For two days every effort was made to keep out the frost, but in the end much stock was ruined. The loss is estimated from $6,000 to $7,000.



General View of the Toronto Exhibition of the American Carnation Society.

CONVENTION AFTERMATH

A BRILLIANT SUCCESS.

The great American carnation convention to which Toronto florists have been looking forward ever since the announcement came from Boston that it would meet in Toronto in 1907, is now a matter of history and, as far as we can see, was a success in every particular.

A great part of the success of the show, as far as Toronto was concerned, must be attributed to Mr. Dunlop, the president, who worked with untiring energy and who took every opportunity to boost the Toronto convention since his election a year ago. We might also mention two, outside of the trade, who took an active part in the working out of the plan for the reception of the delegates; namely, R. J. Score and H. R. Franklin. These gentlemen are connected with the Horticultural Association and lent their valuable services in every way possible to bring the convention to a successful conclusion.

We were glad to see so many ladies take advantage of the trip to Toronto and our ladies' committee took them in hand and filled in the time to the best possible advantage. The committee regrets the little oversight on the part of the chairman, who, in his multitude of detail to look after, omitted to provide carriages to take the ladies from the hotel to the theater and back. The local florists who took in the banquet enjoyed it very much and the good fellowship of the American guests was much appreciated.

To be president of the American Carnation Society a man has to be thoroughly versed in the rules of debate as well as the bylaws of the society. The society now numbers in its membership some able debaters and, at the closing session the chairman had several times to look up the ruling as the debaters warmed up to their subject. This is what makes the sessions of an association of this kind both interesting and profitable. We find men of long experience freely giving their experiences in different tests to uphold their point of argument. The younger and more reticent members are therefore learning many valuable lessons and get pointers that will be of great benefit to them during the coming year.

Papers and Discussions.

Three valuable papers were read on the last day, from carnation growers in Europe, showing the great increase in the demand for the American carnations in Europe. C. W. Ward said that he had done considerable exporting to Europe, of carnation cuttings, and his method of shipment was to leave good air-space in the boxes with lots of air-holes. He preferred shipping well-rooted cuttings well wrapped with moss to keep down the expense of transportation, as plants from soil made the freight rate to Europe very high. He also found that many shipments were spoiled in transportation on account of the hold of the vessel being very warm; consequently the stuff started to rot. If the hold was cool the stock traveled in dormant state and usually arrived in good condition.

A matter that received considerable discussion was a motion that was carried by the convention that new varieties must be named and registered before entering for competition. Many of the growers claimed that it should be left optional to the exhibitor until after the award was made, as many new varieties would never be sent out if they did not receive the awards, and consequently names would be appearing on the register that were never sent out. However, it was considered that this might lead to considerable confusion. It was decided to adopt the recommendation of Secretary Herr that all varieties must be registered to be eligible for competition at convention exhibitions.

The Banquet.

The banquet, tendered by the Electoral District Society, Toronto Gardeners' and Florists' Association and the Horticultural Society to the American Carnation Society, was held at the Queen's hotel, and was in every particular a huge success. International good-fellowship was the predominant feeling, and the speeches delivered in proposing and replying to various toasts would have been a credit to any association where after-dinner speeches form a more important part of the profession than it does in floriculture.

The banquet room was elaborately decorated with carnations, asparagus, ferns, cyclamens and begonias. At the front of the banquet room two immense flags, the Union Jack and Old Glory, hung draped from each side. Something over 200 sat down and did justice to a first-class menu. A few complained of there being no liquor, but the committee considered that it was not in the interest of horticulture, or of a good banquet, to have liquor served at the tables.

The toastmaster's chair was occupied by the retiring president, John H. Dunlop, while seated at his left was F. H. Lemon, of Richmond, Ind., president-elect for 1907. The first toast was "The King and President," proposed by Mr. Dunlop, and responded to by singing "God Save the King" and "America," assisted by the orchestra. The Blight Male Quartette, of which Jas. Milne, of Dunlop's, is base singer, gave us "The Old Brigade" with several encores.

"Canada and the United States" was proposed by F. R. Pierson and responded to by C. W. Ward for Canada, as a Canadian, and Wm. Algie, Alton, Ont., for the United States, as an American. This toast brought out fine speeches and, although Mr. Ward sometimes forgot his bearings, yet he quickly took his soundings and landed again on Canadian territory. Mr. Pierson said the last meeting had been held at Boston, which city had set a high standard difficult to equal. It was the home of floriculture, perhaps without its equal in the United States. "I want to say," said Mr. Pierson, "that Toronto has out-Bostoned Boston with the most successful meeting in the history of the society."

Mr. Algie's speech was prefaced with the remark that twenty-five years ago he discovered near Boston a pink and white Enchantress and, as an outcome of this discovery, he has four handsome Bradts. Of course that was equivalent to the admission that his better-half was an American. However, we can remind Americans that Mr. Algie could make equally as patriotic a British speech as he did American.

"The Mayor and Corporation" was proposed by R. J. Score, chairman of the reception committee, and responded to by Alderman J. J. Graham on behalf of the mayor, who was unable to be present. Alderman Graham stated that of all conventions held in Toronto, the convention city, none had made a greater impression upon him as bringing men of business ability and integrity, and he hoped that the impression that they took home with them of Toronto would be as favorable as that they left.

"Society of American Florists and Canadian Horticultural Society" was proposed by T. W. Duggan, of the Dale Estate, Brampton, and replied to by W. J. Stewart, P. J. Hauswirth and Thomas Manton. Mr. Hauswirth, being secretary of the Society of American Florists, called attention to the international flower show which is under contemplation for 1908 and which is to be held in Chicago. He stated that they are now working on a guarantee fund, and hoped that all who could would interest themselves in this.

The toast to the "American Carnation Society" was proposed by William Gammage, of London, and responded to by Mr. Lemon, E. G. Gillett, Cincinnati, and J. A. Valentine, Denver. Mr. Lemon particularly emphasized his desire to have the hearty coöperation of carnation growers during the coming year, as he felt his task, in filling Mr. Dunlop's place and to keep up to the standard set by him, was a difficult one, and hoped to see all present in Washington next year.

The trophies won at the show were then presented by W. N. Rudd, who caused much merriment in his inimitable way of getting speeches from the recipients. A highly amusing incident was his handing over to Mr. Ward a cup and calling for a speech. A few minutes afterwards he noted his mistake that this trophy was not won by Mr. Ward. However, Mr. Ward had got his bearings and noted the same; rising, he called Mr. Rudd's attention to the fact that he did not think he had won that cup. Mr. Rudd did not seem to be disturbed by his mistake and turned the joke on Mr. Ward as he simply remarked that he just wanted to see if Mr. Ward would keep it, as these Americans were after everything in sight, whether it belonged to them or not. Mr. Rudd complimented the Canadians on so successfully competing and capturing so many of the premiums.

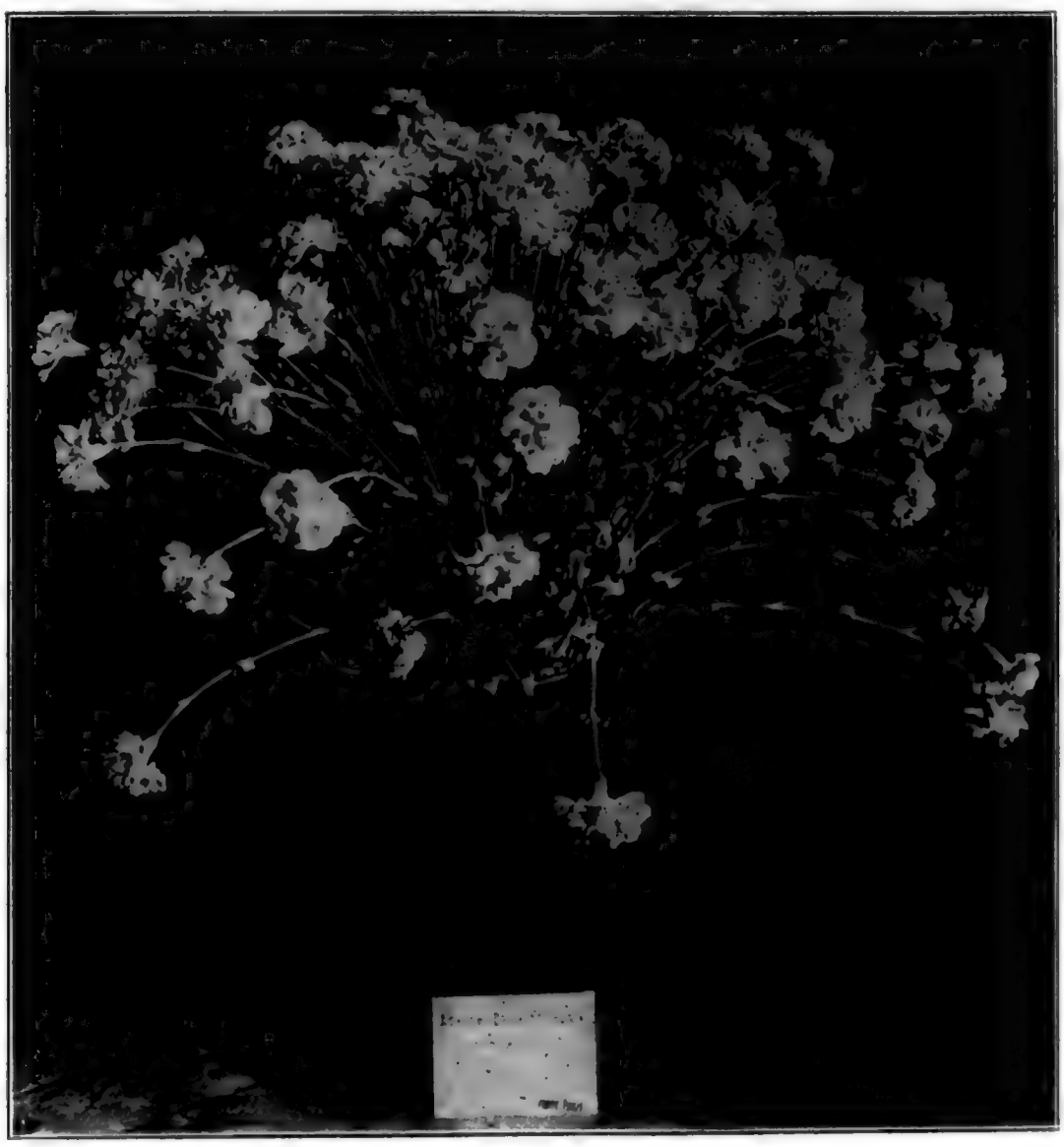
The one feature of some of the Americans who had not received the top-notch award that commended itself to the audience was the statement that while they did not get the prizes they had come after, they were quite satisfied, and would redouble their energies to get the highest awards next year.

The toast, "The Allied Societies," was proposed by J. Bennett, of Montreal, and responded to by W. F. Kasting, of Buffalo, and J. R. Franklin, of Toronto.

The toast, "The Press," was proposed by H. M. Altick, of Dayton, who highly complimented the horticultural press on the great work being done for horticulture through this medium. He took this opportunity of mentioning the great work that had been done by Mr. Scott, of Buffalo, for horticulture and floriculture through his contributions to the press, and also regretted his inability, through sickness, to be present. He called for a silent toast, coupled with a prayer for his recovery. J. Austin Shaw responded for the American press and H. B. Cowan for the Canadian press.

The toast, "The Ladies," was proposed by Hermann Simmers in a happy speech, and responded to by L. E. Marquisee, Syracuse, who kept the audience in good humor. It might be here remarked that the ladies were present for the closing addresses, having come from the Princess theater, where they were entertained as guests of the Toronto ladies.

Friday morning the visitors, 100 strong, went to Brampton by special train to inspect the greenhouses. They came back at noon and spent the afternoon visiting the greenhouses in Toronto. Everyone seemed to be quite satitfied that the convention was a success in every way, and complimented the local committees on the way they had carried out the details in looking after the interests of the visitors and exhibits. D. J.



Carnation Imperial Exhibited by Guttman & Haines.

Those Present.

The following were among those present:

Altick, H. M., Dayton, Ohio.
Ashworth, John, Saskatoon, Sask.
Asmus, George, Chicago, Ill.
Baur, A. F. J. Indianapolis, Ind.
Baur, A. J., and wife, Erie, Pa.
Baur, S. A., Atlanta, Ga.
Bate, Guy, Cleveland, Ohio.
Beattie, Thos., Philadelphia, Pa.
Bechler, Oscar, West Hoboken, N. J.
Bennett, Joseph, Montreal, Que.
Benson, N. A., Denver, Col.
Berkowitz, Paul, Philadelphia, Pa.
Bertermann, J., Indianapolis, Ind.
Beuerlein, Peter, Elmhurst, N. Y.
Browne, George E., Greenfield, Mich.
Buerlein, J. A., Elmhurst, N. Y.
Bunyard, H., New York, N. Y.
Burki, F., Pittsburg, Pa.
Butterfield, S. S., New York, N. Y.
Chandler, George N., Avondale, Pa.
Cloudsley, J. R., Buffalo, N. Y.
Cockcroft, J. D., Northport, L. I.
Common, Alex., Detroit, Mich.
Craig, W. P., Philadelphia, Pa.
Crall, C. A., Monongahela, Pa.
Crowe, Peter, Utica, N. Y.
Dailledouze, E., and wife, Flatbush, N. Y.
Donlan, J. I., New York, N. Y.
Dorner, F. A., Lafayette, Ind.
Dorner, T. A., Lafayette, Ind.
Downing, W., Berlin, Ont.
Dudley, Charles, Parkersburg, W. Va.
Eccles, Wm., New York, N. Y.
Elverson, H. H., New Brighton, Pa.
Escallier, E., New York.
Evans, J. A., Richmond, Ind.
Field, H. W., and wife, Northampton, Mass.
Fotheringham, J. R., Tarrytown, N. Y.
Fraser, James A., Prescott, Ont.
Gammage, W., London, Ont.
Gillett, E. G., Cincinnati, Ohio.
Gingrich, Irving, South Bend, Ind.
Glauber, Emil, Montclair, Col.
Goddard, S. J., Framingham, Mass.
Grassl, A. O., Barneveld, N. Y.



The Class for the A. C. S. Medals at the Toronto Exhibition.

(On the floor—Welcome and Pink Imperial. On the table—Elsa, Alma Ward, Mrs. C. W. Ward, Winsor in glass vase, White Perfection, Excelsior, Red Riding Hood, Imperial. Other entries can not be distinguished.)

Guenther, C. T., Hamburg, N. Y.
Guttman, A. J., New York city.
Haines, J. E., South Bethelehem, Pa.
Halstead, A. S., Belleville, Ill.
Hart, H. A., Cleveland, Ohio.
Harvey, Edmund A., Brandywine, Pa.
Hauswirth, P. J., and wife, Chicago, Ill.
Herr, Albert M., Lancaster, Pa.
Herr, D. R., Lancaster, Pa.
Hogan, T. M., South Bethlehem, Pa.
Kasting, W. F., and wife, Buffalo.
Kill, Leonard, and wife, Chicago, Ill.
Kroninger, E. N., Allentown, Pa.
Krueger, W. J., Meadville, Pa.
Lautenschlager, F., Chicago.
Lemon, Fred. H., Richmond, Ind.
Leuly, E., West Hoboken, N. J.
Longren, A. F., Joliet, Ill.
Lorch, A., De Haven, Pa.
MacDonald, E., Scranton, Pa.
MacDonald, William, Scranton, Pa.
McCarthy, D. T., Lockport, N. Y.
McCarthy, M. L., Lockport, N. Y.
McConnell, E., Sharon, Pa.
McKenna, James, Montreal, Que.
Marquisee, L. E., Syracuse, N. Y.
Matheson, M., New York.
Maxfield, William, Barrington, R. I.
Merkel, William C., Mentor, Ohio.
Michell, Fred, Philadelphia.
Mitchell, T. N., Waterville, Mass.
Nicholson, H. H., Barneveld, N. Y.
Nicholson, William, Framingham, Mass.
Nolan, D., Springfield, Ill.
Olsem, Peter, Joliet, Ill.
Olsen, Peter, Larchmont, N. Y.
Palmer, W. J., Buffalo, N. Y.
Patten, M. A., Tewksbury, Mass.
Peake, W. J., Buffalo, N. Y.
Pease, D., Corfu, N. Y.
Peirce, E. Allen, Waltham, Mass.
Pennock, S. S., Philadelphia, Pa.
Peterson, J. A., and wife, Cincinnati, Ohio.
Pierson, F. R., Tarrytown, N. Y.
Poehlmann, Adolph, Morton Grove, Ill.
Poehlmann, A. F., Morton Grove, Ill.
Pollworth, J. E., Milwaukee, Wis.
Potter, D., Peterborough, Ont.
Powell, D., Seneca Falls, N. Y.
Pyfer, A. T., Joliet, Ill.
Quinlan, P. R., Syracuse, N. Y.
Reimels, J., Woodhaven, N. Y.
Reuter, L. J., Westerly, R. I.
Robinson, George A., Montreal, Que.
Roper, A., Tewksbury, Mass.
Rowland, W. A., Utica, N. Y.
Rudd, W. N., Chicago, Ill.
Saltford, W. F., Poughkeepsie, N. Y.
Schmidt, Charles, Cleveland, Ohio.
Scott, David, Buffalo, N. Y.
Shaw, J. Austin, Brooklyn, N. Y.
Skidelsky, S. S., Philadelphia, Pa.
Stewart, W. J., Boston, Mass.
Stroud, E. A., Overbrook, Pa.
Swayne, William, Kennett Square, Pa.
Taylor, E. J., and wife, Southport, Conn.
Tierney, Malachi, Highlands, N. J.
Traendly, F. H., New York, N. Y.
Valentine, J. A., Denver, Col.
Velie, T. A., Marlborough, N. Y.
Warburton, C., and wife, Fall River, Mass.
Ward, C. W., Queens, N. Y.
Washburn, C. L., Chicago, Ill.
Weber, W., Oakland, Md.
Wilson, James S., Western Springs, Ill.
Witterstaetter, R., Cincinnati, Ohio.
White, J., Buffalo, N. Y.
Whittaker, John, Cornwall, Ont.
Wright, L. H., Alymer, Que.
Wyland, J. L., De Haven, Pa.
Young, J., New York, N. Y.
Zweifel, N., Milwaukee.

CONVENTION ECHOES.

Billy Kasting's big heart is always overflowing. He collected over $400 on the Dale special train in behalf of the wife and family of the old favorite, Jimmie Hartshorne.

The exhibition hall was chilly for humans, but just right for the flowers, all of which kept perfectly to the close. The hospitals were gladdened by the distribution of the exhibits on Friday.

Pierson's mirror decoration of Winsor and Elegantissima was greatly admired. It reflected credit upon the artist brought all the way from New York to construct it.

The bridal chamber fell to Messrs. Young and Traendly at the Queens. The decorations on Friday morning, shown only to a few of the elect, were chaste and unique and so in keeping with the artistic ability of these demonstrative deacons. The consultations in these parlors lasted until nearly daylight and were participated in by many of the bright lights of the convention.

The Toronto ladies were unanimously voted the "princesses of entertainers" and they were as handsome and healthful as enthusiastic.

Many of the familiar faces were missed because of illness, none more than that of William Scott, of Buffalo.

There was a touch of political expertness in the caucus and primary work in behalf of Washington that manifested the practiced art of the adept, but there will be a great show and a big crowd at the next convention. We will miss the delightful 15 degrees below zero weather, however, and everybody wants to go to Canada again and no one will regret how soon the day.

Harry Altick loses none of his enthusiasm in behalf of McKinley day.

The long trip of J. A. Valentine and his lieutenants from the Rockies shows the right spirit; the enthusiasm that makes conventions worth while. While in the east these gentlemen will color the great white way and visit New York, Boston and Philadelphia growers.

Peter Crowe has trained down to under 300 pounds, but still holds the medal for good nature and corporosity. Canada had nothing to compare with him.

Those who take a little something for their stomachs' sake were taken aback to find all medicinal centers closed at 11 o'clock and all lights out at 12 o'clock. Everybody has to be good in Toronto. The snow typifies the character of the inhabitants.

John Dunlop was radiant with delight and his smile went away back as far as the eye could reach; and the merriment in Tom Manton's eyes never failed an instant.

W. J. Lawrence and his song birds made abundant melody. A better program of song and speech never graced a carnation banquet.

One man from the east made it his honeymoon trip, but the name takes up too much space and you will have to guess it.

P. Beuerlein, of Long Island, slept in his fur cap, as usual. He was the only kicker against the climate. Pete "never could stand the cold."

D. J. Sinclair, who has the only whole-

sale houses in Canada, has a cinch and looks it. He is a young man of great ambition and energy and speaks enthusiastically of the future of the cut flower business there.

William P. Craig and his new fern were both impressive and have both come to stay for many a year, we hope.

Richard Witterstaetter grows more Aristocratic every year. His exhibits were centers of interest.

Harry Bunyard felt the influence of the "sozodont" in the air and kept his companions merry.

Some of the Chicago ladies put the surplus wealth of their worser halves into Canadian furs, a wise and unregrettable decision. The new secretary of the S. A. F. said his year's salary was largely provided for in this practical way and George Asmus thinks furs are better and safer any day than diamonds.

Late trains were the fashion last week. Strange to say the train from Philadelphia was on time and Boston five hours behind.

The consensus of opinion is that this was the best convention in the history of the Carnation Society. So say all of us and "God save the King."

J. AUSTIN SHAW.

MR. WARD'S ADDRESS.

[The reply to the Lieutenant-Governor's address of welcome to the American Carnation Society, at Toronto, January 23, 1907, by Chas. Willis Ward, of Queens, N. Y.]

That which impresses Americans most when they consider their Canadian neighbors is the vastness of the still undeveloped resources of Canada.

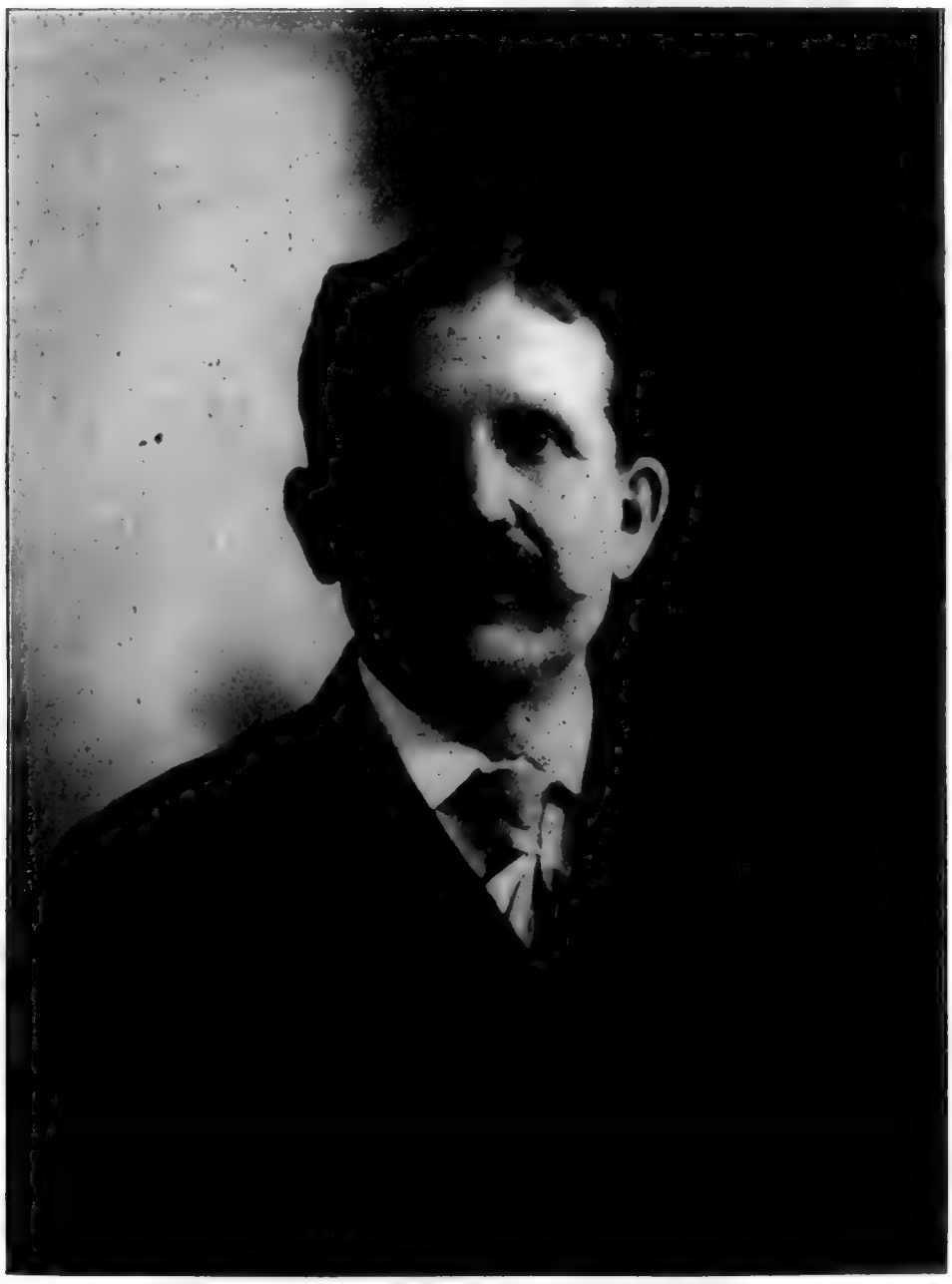
Some of Canada's Resources.

From the Atlantic to Lake Winnipeg, and from the northern boundary of Lake Superior to near the southern shore of Hudson bay, are still standing countless thousands of millions of valuable timbered forests, and the same is true along the western borders of the Rocky mountains, among the Selkirks and bordering the Pacific ocean from Vancouver northward to Alaska. While I have no figures to support the assertion, I will risk the opinion that Canada has today ten times the area standing in original forests than now remains in the United States, and the day is not far distant when the largest proportion of the timber consumed in the United States must of necessity be drawn from Canadian forests.

Again, Canada has almost exhaustless deposits of both anthracite, bituminous and splint coals, the extent of which have not yet been determined, but which may be fairly said to reach along the base of the Rocky mountains from the northern border of the United States well up into the Saskatchewan region and possibly to the shores of the Arctic ocean.

Your grazing lands extend from the western line of your midcontinental timber belt to the Rocky mountains, and from the northern line of Minnesota northward almost to the region of perpetual snow. And a large proportion of these grazing lands are especially adapted to grain raising and give as rich crops as were ever garnered from the richest grain raising districts of Indiana, Illinois, Minnesota and the Dakotas in their palmiest days, and Canada is rapidly becoming the granary of the American continent. Then, too, a large proportion of the agricultural lands lying between the Muskoka lake district and the Atlantic ocean are particularly adapted to the raising of wheat, barley and oats and serve to lend additional importance to Canada's immense grain productiveness; and the same can be said of a large proportion of the forested area lying between the Selkirk range and the Pacific ocean.

A considerable portion of your lands lying along the borders of the United States are well adapted to the raising of apples, pears, plums and cherries, so that the Canadian people need not suffer for the want of wholesome, home-grown fruits.



Charles Willis Ward.

Floriculture.

Canadian florists have already made their mark as expert growers of greenhouse products and on no part of the American continent are better and more perfect roses, carnations, chrysanthemums and violets produced than are grown by the leading florists of Toronto and its contiguous territory; and it has always been a pleasure for the members of the American Carnation Society and other kindred bodies to have with them their brother Canadian florists, as they have found them to be gentlemen well schooled in their profession and well fitted to give practical and valuable advice.

American Breeders' Association.

It has just been my pleasure to attend the sessions of the American Breeders' Association held last week at Columbus, Ohio, where during a period of five days I was called upon to preside at numerous sessions of its plant breeding section, and I can assure you Canadians, that we consider among our most valuable members the representatives of your different experiment stations, who have proven themselves to be among the most enthusiastic of our members and who have demonstrated their fitness to hold their positions by showing us the immensely practical results that have been secured in their experimental work. And they are now working hand and glove with the experimenters of the United States for the purpose of improving all horticultural products, as well as all branches of the animal raising industry; and I can assure you that the joint efforts of the practical experimenters of the two nations will certainly produce better results far more rapidly than if either nation attempted to go it alone.

The Canadian People.

When we come to compare the people of Canada with those of the United States, we find them to be practically of the same type and practically of the same origin. They are essentially American, each as much as the other. They are a vigorous, virile and energetic race, the result of the development of the human family upon this vast American continent. And I believe them to be practically the same people throughout, actuated by the same high ideals of brotherhood, honesty and fair dealing and both nations bent upon the development of our continental resources to the utmost. Our continent is a vast and fertile one. Its natural resources are not yet fully understood, and perhaps are not to be fully measured for centuries to come.

Our people being practically a homogeneous one, there can be no such race differences as exist upon the European continent, where several radically different types of mankind are cooped up within narrow boundaries which are so densely populated that annual migrations to other sections of the world are absolutely necessary in order to even up the struggle for existence. There can be no such difference in nationality as should cause material differences between the peoples and we should live in peace and harmony, free for all time from the discords that have perennially arisen among the densely populated nations of the European continent, where the struggle for existence has become so tense.

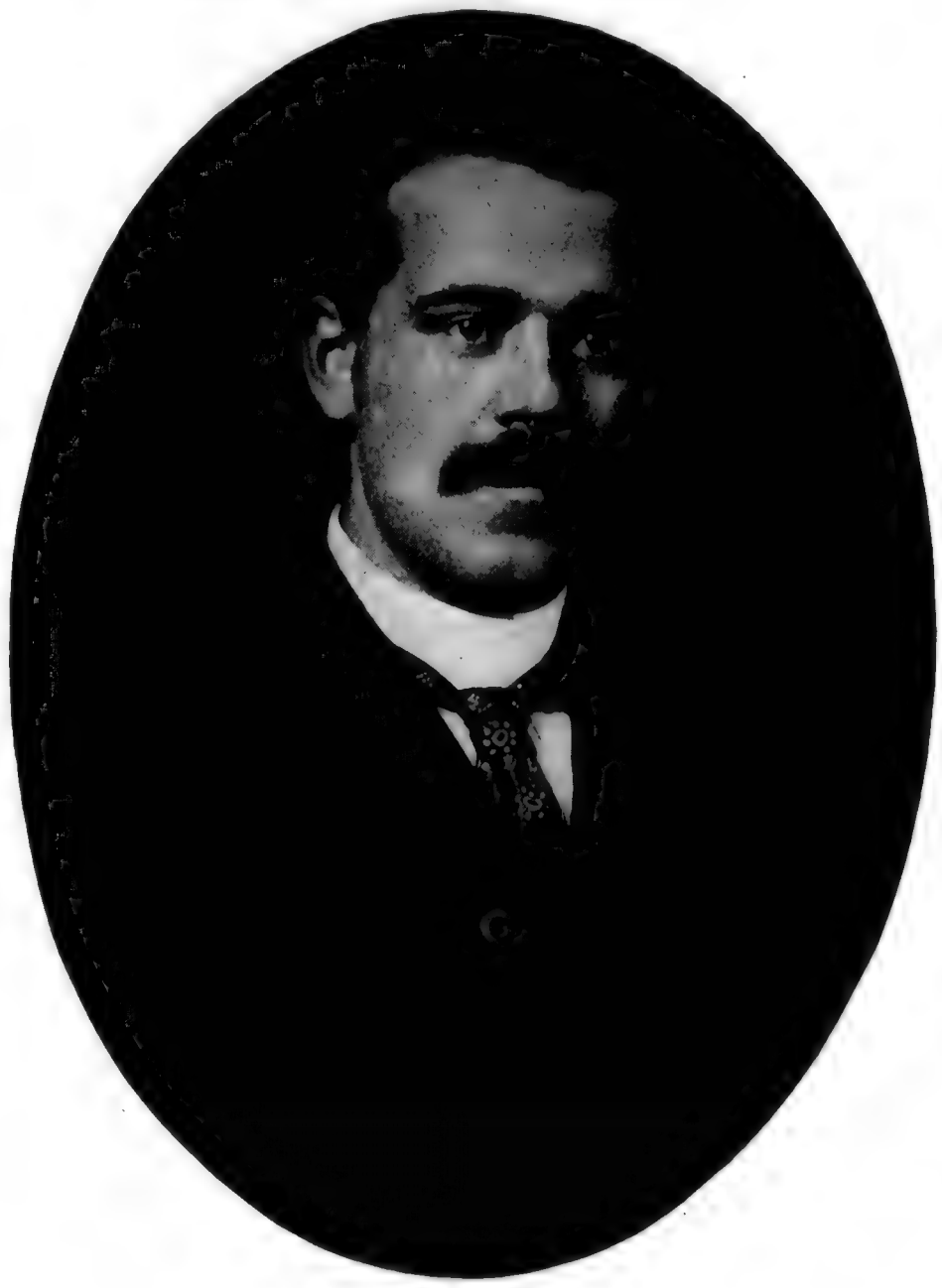
Personal Experiences With Canadians.

I must confess that I have a high regard for the people of Canada, for a considerable number of my own relatives are Canadians. Then, too, I have had a wide experience in the employment of Canadians in a practical business way. In my younger days I conducted large timber cutting operations in the lower peninsula of Michigan and a large percentage of my best woodsmen were Canadians. We invariably found that we secured the best choppers and sawyers, and the most careful and efficient teamsters from the ranks of the Canadians who annually came to Michigan to work in the lumber camps through the winter and returned to Canada, to care for their farms, during the summer season.

For the past twenty-five years I have employed young ladies in the capacity of stenographers, bookkeepers and private secretaries in my office, and three of the most efficient of them all were Canadian girls. Each one of them won my respect and esteem by the conscientious, faithful and efficient manner in which she discharged her duties, as well as by the ability which she displayed in her work, and I can truly say that they proved particularly efficient and congenial helpers.

A short time since I was taken ill in the city of Saginaw, Michigan, and when I requested my doctor to send me the most efficient trained nurse he could find in that city, he sent me a Canadian; and he afterwards told me that the best nurses that had come under his observation were Canadians. And a number of years ago, when Mrs. Ward went through a severe surgical operation and we asked one of the hospitals to furnish us with the most competent, conscientious and careful nurse that they could find, they sent us a Canadian; and that same nurse went down to her death in the flood at Galveston, her arms filled with little children whom she was vainly trying to save.

I count among my dearest friends many Canadians, and I can assure you all that the people of the United States hold the people of Canada in high respect and esteem. They are glad to see Canada develop and the Canadian people prosper. No jealousy or envy of Canadian prosperity exists among them and they will always stand ready to greet their Canadian brethren and applaud their accomplishments and exploits, and will always wish Canada Godspeed and the maximum measure of development, that she may fulfil to the fullest extent her manifest destiny. I can truly say that every citizen of the United States will join me in an, All hail to Canada! All hail to the Canadian people!



R. O. King.

And now a word to my brother Canadian florists. You all of you know that we of the United States have for many years held you in the highest esteem and the members of the American Carnation Society and the Society of American Florists have many times welcomed you heartily to their annual gatherings, and we have sought to make those welcomes pleasant and instructive ones, and we know that you have appreciated them, for have you not in turn invited us to meet with you and have you not here today shown that you are capable of welcoming your brethren from the United States even more heartily than they have hitherto welcomed you? Gentlemen, the visiting carnationists from the United States thoroughly appreciate the heartiness of your greetings and they will long remember this most auspicious occasion. And we all of us have come to the conclusion that when we decided to honor our American Carnation Society by electing a Canadian as its president, we made no mistake when we named your honored and worthy townsman, John H. Dunlop.

GREENHOUSE CONSTRUCTION.

[A synopsis of a paper by R. O. King, North Tonawanda, N. Y., read before the American Carnation Society at the Toronto Convention.]

During the last few years many papers have been read on greenhouse construction. The general methods of construction have been thoroughly described and most of the growers are agreed, for instance, that cypress is about the best thing to use for the woodwork, that iron posts are better than wood posts, that an iron gutter is better than a wood gutter, etc. All of these things are so familiar that it is hardly worth while going into further discussion about them.

It will, perhaps, be more interesting to take up some points of greenhouse construction which are just as important, but which have not received as much attention. For instance, the use of glass up to twenty-four inches in width makes a lighter and less expensive house than narrow glass. The choice of locality for a greenhouse plant should depend, among other things, on the amount of light available. The application of the scientific principles used in the design of large buildings and bridges to greenhouse construction is something which should interest the grower as well as the designer. The application of these principles has not been necessary in the ordinary construction of small houses, where the accumulated experience of many years has been a sufficient guide. When, however, it is necessary to design a house unlike anything previously constructed there is, of course, no experience to fall back on, so a safe design can only be worked out by the application of the scientific methods referred to.

Wide Glass.

Some years ago 16-inch glass was considered about the limit for greenhouse construction. More recently 18-inch glass has been used. In Canada a number of plants are built with 20-inch double diamond English glass. Twenty-inch glass is probably selected because twenty inches square is a good size for butting and it does not exceed forty united inches. In the United States, where lapped glass is most generally used, the size most in use is 16x24, with

the bars sixteen inches apart. A few of the more daring growers have risked building their houses with the bars twenty-four inches apart and using this same size glass. In our own experience, a number of customers have put the glass in this way. In only one case do we know of any trouble having occurred. Such great advantages in economy of material and the lightness of construction are obtained by the use of this wide glass that it is worth making some study of the requirements that are necessary for the satisfactory use of 24-inch glass.

Breakage from Hail.

It seems unlikely that 24-inch glass will suffer any more damage from hail than 16-inch glass. The reason of this is that glass laid the 24-inch way has more of a chance to spring than glass laid the 16-inch way, so that in case of a sharp blow, such as from a hailstone, 24-inch glass, although really weaker, can give way more without breaking than can the 16-inch glass. Consequently the extra spring makes up for the extra weakness.

This action of hail was well illustrated at the Lancaster, N. Y., plant of W. J. Palmer & Son. In July, 1905, a hail storm passed over this plant and broke considerable glass. The house with 24-inch glass, which had just been built, did not suffer any more in proportion than the houses with 16-inch glass. In fact, the greatest damage was done on some 10-inch glass, though this was single thick. It seems that a hailstone big enough to break 24-inch glass will be big enough to break 16-inch glass, so the danger from hail need not worry anyone who wishes to use wide glass.

Dead Weight on Glass.

Glass is likely to be broken by the dead weight of large accumulations of snow and ice. For this reason it is interesting to determine just what weight glass can stand. In Canada, where everyone believes we have a great deal of snow, a number of growers are using 20-inch English double diamond. Now English double diamond is about as heavy as American single thick. A box of fifty feet of American single thick glass is supposed to weigh seventy pounds, while a box of 100 feet of English double diamond is supposed to weigh 140 pounds. It follows from this that our Canadian friends are using 20-inch single thick glass in localities where much more snow may be expected than in localities in the United States. In addition to this, more of the greenhouse plants in Canada are built on the ridge and furrow system, so that they get the full benefit of the weight of a sudden snow storm.

We have made some tests of the strength of American double thick glass taken the long way and the accompanying table shows the results obtained:

Test of Breaking Strength of 16 x 24 American, Double Thick, A Glass.

Supports 24 inches apart. Sand used for loading.

Weight of light	Load required to break light	Breaking load per square foot
4 lbs., 5 ozs.	107 lbs.	40.2 lbs.
4 lbs., 4 ozs.	40 lbs.	15.1 lbs.
3 lbs., 12 ozs.	57 lbs.	21.5 lbs.
4 lbs., 7 ozs.	61 lbs.	23.0 lbs.
4 lbs., 12 ozs.	110 lbs.	41.3 lbs.
4 lbs., 4 ozs.	95 lbs.	31.9 lbs.

The peculiar point about these results is that the strength does not depend at all on the thickness. You will notice that one light of almost the same thickness as the light which took 110 pounds to break, broke at only forty pounds. Another peculiar feature you will notice is that although the glass is supposed to be double thick, and each light should therefore weigh four pounds eleven and one-half ounces in order to make ninety pounds to a box of nineteen lights, there is not one light up to weight. You will probably find that this is the general case and although you pay for double thick glass you really get what ought to be called single thick.

Thickness of Glass.

The glass taken for our test was selected at random and the weights found therein are confirmed by some weights taken a short time ago in Philadelphia. Selecting two boxes at random each light was weighed carefully and in one box fourteen lights out of the nineteen weighed less than four pounds each. In the other, thirteen lights out of nineteen weighed less than four pounds each, and some of them were very much less than four pounds each. Leaving out of consideration two of three extra heavy lights in each box, the remainder of the glass was practically single thick. This probably explains why Canadian growers find English double diamond really as strong as American double thick. In order to cover this point the weight of six boxes from two different factories was taken. This glass was all labeled "A double thick" and was as fine looking glass as one usually sees. The average weight of one lot was 76.8 pounds per box and the other 80.8 pounds per box, making both lots very much under requirements of double thick glass.

Referring again to the test of the strength of glass, the peculiar fact that the strength does not depend on the thickness is probably explained by difference in annealing. If the glass for a greenhouse is to be selected from the point of view of strength, then no other qualification is more important and we should have some guarantee from the makers that the glass has been properly annealed. The purchase of properly annealed glass has not been given sufficient attention and it is very likely that a great deal of the annual breakage of glass in greenhouses is due to defective annealing. Certainly if you put some lights in your house which will only stand forty pounds and others which will stand over 100 pounds you must expect that the weak ones will go first. As glass is now manufactured it is perhaps impossible to devote special attention to greenhouse requirements. The glass people say that the workmen do not like to make greenhouse sizes because they can make more money on larger sizes. The greenhouse trade, however, is increasing rapidly and improvements are being made in the manufacture of glass, so that perhaps sometime we will be fortunate enough to have a factory making glass especially adapted for greenhouse work.

Sunshine in Different Localities.

In locating a greenhouse the only thing not usually considered is the amount of sunlight that is to be expected. Yet there is nothing more important and a guarantee of a good measure of sunlight would be a valuable asset for a greenhouse plant. Localities only 100 or 200 miles apart are found to have greatly different amounts of sunshine during the winter months. For instance, before locating the United States Cut Flower Co. plant at Elmira it was found that the sunshine to be expected in that locality is about double what would be expected in Buffalo. In order to illustrate the great difference in sunshine for different localities a table has been prepared covering the winter months for the last two years. It is only possible to give observation for points widely separated, owing to the extent of the territory covered, but it should be kept in mind that the difference shown by the table as occurring between points widely separated may also occur between what might be called local points, as in the case of Buffalo and Elmira as already referred to.

Though it is perhaps unnecessary, or rather unwise, to start a discussion as to the relative merits of houses built detached or built on the ridge and furrow system, still the consideration of this sunshine table leads to the observation that as lack of sunshine is the condition that confronts most of us, it is just as well to build houses to suit that condition. Now, to meet that condition you must try to cover as much ground surface as possible with as little structural material as you can get along with. The way to cover ground with a small

Sunshine.

	WINTER OF 1904-5						WINTER OF 1905-6					
	December		January		Feburary		December		January		February	
UNITED STATES	Hours...	% of possible.....	Hours...	% of possible.....	Hours...	% of possible.....	Hours...	% of possible.....	Hours...	% of possible.....	Hours...	% of possible.....
Boston, Mass.....	107	38	150	51	188	63	127	45	141	49	192	65
New York, N. Y.....	119	41	159	53	182	61	163	53	150	50	216	72
Buffalo, N. Y.....	50	18	78	27	164	56	79	28	993	34	185	63
Washington, D. C.....	100	34	105	35	134	44	156	53	119	39	192	64
Toledo, Ohio.....	66	23	100	34	118	40	120	42	80	27	145	49
Cincinnati, Ohio.....	136	46	100	33	148	49	127	43	106	35	187	62
Chicago, Ill.....	94	33	111	38	158	53	151	53	104	35	171	58
St. Louis, Mo.....	141	48	143	47	160	53	175	60	134	45	180	60
St. Paul Minn.....	97	35	168	55	210	72	150	55	133	46	194	66
Omaha, Neb.....	160	56	166	56	205	69	217	75	170	57	195	65
Salt Lake City, Utah....	171	59	156	52	162	54	163	57	91	30	77	26
Spokane, Wash.....	40	15	54	20	137	48	52	20	56	20	114	40
Portland, Ore.....	51	23	94	33	163	56	23	8	49	17	142	49
San Francisco, Cal.....	137	46	133	44	192	64	144	49	140	46	79	26
CANADA												
Victoria, B. C.....	28.1	11	69.1	25	135.2	47	38.5	15	38.3	14	171.1	41
Winnipeg, Man.....	56.9	22	140.4	53	156.7	55	86.7	34	91.2	34	149.0	53
Toronto, Ont.....	68.5	25	83.8	28	146.7	40	67.7	24	88.0	29	138.7	47
Montreal, Que.....	67.2	29	79.1	33	110.5	44	42.3	20	59.8	25	100.6	43
Quebec, Que.....	101.1	38	110.2	39	111.4	39	70.1	26	82.7	30	115.8	40
Fredericton, N. B.....	137.1	50	137.8	49	128.3	44	96.7	36	114.2	40	110.9	38

quantity of material is to use the ridge and furrow system, making the pitch of the roof as low as possible and using as wide glass as you will risk. Remembering that we are meeting the condition of no sunshine, it also follows that it does not matter whether the houses run north and south or east and west. Finally, provided your houses are built to meet that worst of conditions, no sunshine, will they not then take care of themselves under better conditions; that is, with sunshine?

The Widest Span to Date.

It may be interesting to describe the process of designing a new type of greenhouse for which practically no data is furnished by previous actual building experiences. A design for an even-span house 150 feet wide and having only five rows of supporting posts has recently been completed. This house is a great departure from present standards and will set a record for wide houses which is not likely to be surpassed for some time, or at least until we can profit from the success or failure of the gentlemen who are willing to experiment on such a grand scale.

Beginning with the glass, it is desired to lay it with the suporting bars twenty-four inches apart. Referring to the table before stated, it is found that the average weight required to break the glass is thirty pounds per square foot. This is equivalent to about one foot of wet snow. The glass is hardly likely to be called upon to stand more than this, so the question of strength against dead weight can be considered settled.

The framework of the house must now be made strong enough to carry somewhat more weight than the glass could stand, so that the glass would break before the framework collapsed. Considering the length of rafter, it is seen to divide conveniently into three lengths of twenty-eight feet each, on each side of the ridge. As it is desired to use as few posts as possible, suppose it is decided to put in a post at every twenty-eight feet section and carry the intervening space by truss work of the form shown in the sketch reproduced herewith. The load that each truss is to carry, in order to be strong enough to support the glass under its breaking load, is found by taking the area of roof supported by this truss and multiplying this by the weight per square foot that the glass will bear; that is, thirty pounds. Now, this is the breaking load of the glass that the truss would be called on to bear, but it would be safe to take the working load as one-fourth of this, or seven and one-half pounds per foot. This even would be a high working weight, as ordinarily the truss has only to carry the weight of the glass, which is less than two pounds per foot. Adding two and one-half pounds per square foot to cover the weight of the glass and bars we have ten pounds per square foot as the total working load for the truss. Supposing the posts are spaced eight feet four inches apart lengthwise of the house, then each truss has to carry a total working load of 2,333 pounds.

This loading may be considered as being distributed at the joints and the ends of the truss. The stress or strains produced in the members of the truss can now be determined by means of the device known as the stress or strain diagram. After finding in this way the strain in each member of the truss, calculations must be made to obtain the correct size for each. For instance, if the sash bar is of cypress, then it must be heavy enough to stand a working end strain of the 3,200 pounds. In the case under discussion it has been calculated that this bar must be 1⅞x2½, this size giving a working end strain of 3,200 pounds and a breaking strain of 12,800 pounds. The lower member, which must carry 3,000 pounds, is in tension, so should be of iron or steel and by a separate calculation it is found that ⅝-inch diameter is suitable for this strain. The other members of the truss are proportioned in the same way.

Having now designed the truss to carry the roof it is necessary to design the posts or columns to carry the truss. The strength of a column depends greatly on its length, so by properly bracing a long slender column it is practically divided by the bracing into a corresponding number of short columns. In the wide house under consideration it is found that 2-inch pipe properly braced in every direction will carry the roof.

The design is now complete, leaving the glass the weakest member, as it should be, for it is seen that although the breaking strength of the glass is thirty pounds per square foot, and the breaking strength of the truss work is the same, yet the glass is not uniform in strength, whereas the trusses are, and as thirty pounds is an average, it follows that half the glass would be broken by the time this load would be reached and if half the glass is broken, half the weight has gone with it, so our framework stands to be subjected in the limit to only one-half of its breaking load.

There is a good deal of theory about all of this, but many of those here now will likely be at the S. A. F. convention at Philadelphia in August and there will then be an opportunity to see how it has all worked out.

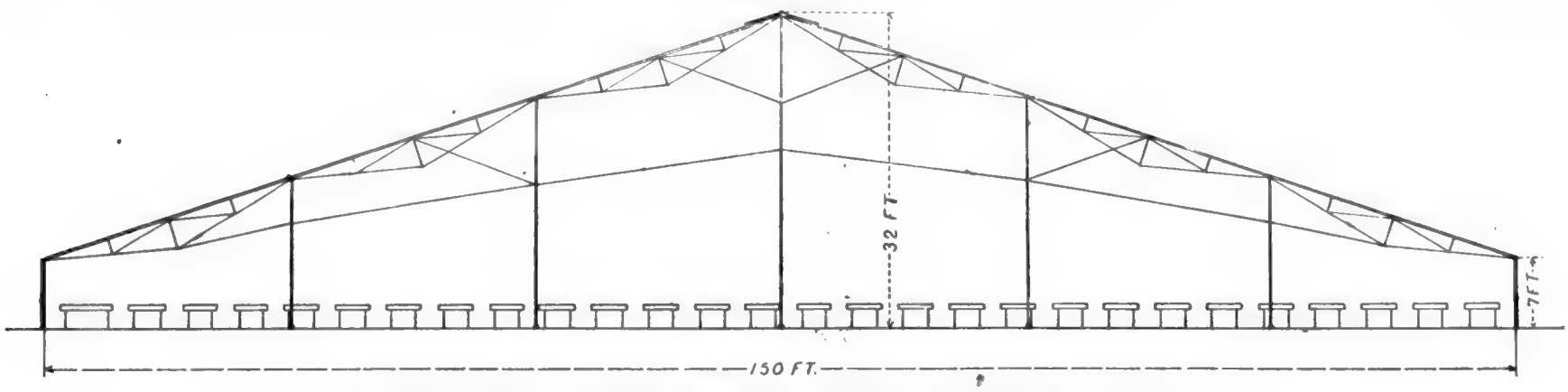
AUGUSTA, GA.—Public sentiment here is growing in favor of clearing the trees of mistletoe, as it is claimed it threatens the life of the trees.

OILED CLOTH FOR PROTECTION.

Will you please give me directions for preparing cotton cloth, with boiled oil and rosin, for covering frames? It is so warm here, Miami, Fla., that we do not need glass protection, but build our houses with lattice for protection against wind storms. I think the oiled cloth will keep out the too hot rays of the sun. J. W. W.

I can see no reason why cloth could not be used to advantage for this purpose, particularly as far south as Miami, Fla. Would suggest raw, rather than boiled oil, as the latter stains the cloth and thus impedes the light. As light is so essential to plant life, it is important such covering be made as transparent as possible. The following furmula is generally used in preparing cloth for this purpose: Six pints of raw oil, two ounces of sugar of lead, eight ounces of white rosin. This preparation is applied hot with a brush and for this reason should be prepared in a kettle or other receptacle that will withstand heat.

Sugar of lead does not mix readily and I would use only enough oil at first to cover it. Agitate with a stick or grind with a pestle until the emulsion is perfect, then add the balance of the oil and rosin. Stir well on a slow fire until all the ingredients are incorporated.



Truss Roofed House 150 Feet Wide to be Built by the King Construction Co.

Cloth thus treated in a short time becomes hard and in a year or so very brittle, being easily torn. It is not improbable that this formula could be improved upon by adding paraffin or beeswax to increase or prolong pliability. A little experimenting often proves good and one season's use would demonstrate the best formula. ELMER D. SMITH.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held in Odd Fellows' hall Saturday evening, January 26, Vice-President Robert Boreham in the chair. There was a prize for the best pot plant in not larger than a 6-inch pot, which was awarded to J. Bradley, gardener to H. Sedenberg, for a cyclamen. H. Kastberg, gardener to Miss Masters, was second with a cineraria. H. Keiling, gardener to Mr. McComb, staged some roses which were remarkable after the bad season we have had. Among them were La France, Bride, Bridesmaid, Golden Gate, Perle and Ivory. There is a prize for the best exhibit of any kind to be competed for at the next regular meeting. J. Bradley will give a short talk on the growing of cyclamens.

WINDSOR, ONT.—C. R. Tuson has purchased the building now occupied by his business.



AMERICAN ROSE SOCIETY.

The executive committee of the American Rose Society had a full meeting on Wednesday evening, January 23, at the Hotel Martinique, New York city. The interest manifested in the coming meeting at Washington, from various parts of the country, was most encouraging. The special prize schedule which we have to offer is greater than ever before and several more will be added to the list, the determination being to make this a very successful exhibit.

A committee was appointed to wait on President Roosevelt and invite his presence at the show as may suit his convenience.

The full schedule of the society will be issued within a very few days.

BENJAMIN HAMMOND, Sec'y.

The special prizes include $50 and $25 for fifty blooms American Beauty. The Lord & Burnham trophy, valued at $250, will be awarded in conjunction with the first (cash) prize in this class, and will become the property of the competitor winning it twice, consecutively or otherwise. It has now been won once by Waban Rose Conservatories and once by George Burton, Chestnut Hill, Pa.

For the best display of cut roses, all varieties, the Dorrance challenge cup, value $250, offered by Benj. Dorrance, the winner to hold the cup a year and on relinquishing it to the society for another competition, at the end of that period to receive a silver shield suitably engraved, as a permanent record of his having held the cup.

For fifty blooms of Golden Gate, a silver cup valued at $50, offered by Geo. H. Cooke, Washington, D. C.

For fifty blooms Wellesley, a silver cup valued at $50, offered by John H. Taylor, Bayside, L. I.

For the best exhibit of Rambler roses in pots, a silver cup valued at $50, offered by Robert Simpson, Clifton, N. J.

For fifty Mme. Chatenay, a silver cup valued at $50, offered by Traendly & Schenck, New York city.

For fifty Richmond, a silver cup valued at $25, offered by Henry F. Michell Co., Philadelphia.

For fifty Killarney, $25 in gold, offered by Dingee & Conard Co., West Grove, Pa.

For fifty Liberty, $25, offered by W. H. Elliott, Brighton, Mass.

For fifty Bridesmaid, a silver cup valued at $25, offered by S. S. Pennock-Meehan Co., Philadelphia.

For the vase of roses showing the most artistic arrangement, $25, offered by Welch Bros., Boston.

For fifty Richmond, $25 in gold, offered by E. G. Hill Co., Richmond, Ind.

For fifty of any variety of American origin not now in commerce, a silver cup valued at $25, offered by Alexander Montgomery, Natick, Mass.

For American seedling not yet introduced, a silver cup, valued at $25, offered by H. O. May, Summit, N. J.

For collection of hybrid Wichuraiana, a silver cup valued at $25, offered by Frank R. Pierson, Tarrytown, N. Y.

For twenty-five Bride, $12, offered by L. F. Coddington, Murray Hill, N. J.

For six or more of any rose never before exhibited, $10, offered by Mrs. S. C. Briggs, Washington, D. C.

For foliage rose suitable for village dooryards, $10, offered by Benjamin Hammond, Fishkill, N. Y.

For display of Ivory, $10, offered by Benjamin Hammond, Fishkill, N. Y.

For twenty-five Gen. MacArthur, $15, offered by Edward Hatch, Boston.

For the prettiest exhibit, to be decided by three ladies visiting the Washington show, $5 in gold, offered by Miss M. I. Hammond, Fishkill, N. Y.

Special prize for 100 American Beauty roses, $100 in gold, offered by A. Gude & Bro., Washington, D. C., but there must not be less than five entries for this prize.

A gold medal is offered for the best rose not yet disseminated, whether of domestic or foreign origin. Exhibits to be judged by the official scale of the American Rose Society, and no gold medal to be awarded to any rose scoring less than ninety-five points.

A silver medal is offered under the same conditions for a novelty scoring not less than eighty-five points.

The executive committee of the American Rose Society reserves to itself the right of selection of the judges who shall pass upon the exhibits in the competition for these medals.

ZANESVILLE, O.—In December A. R. Edwards opened a flower and seed store at 48 North Fourth street. He had an excellent Christmas business and has every prospect for a good spring trade.



SEEN AT TORONTO.

The show of carnation blooms at Toronto was a remarkable one for uniform high quality. The finest of the blooms may not have been any better than the best that have been shown at some previous exhibitions, but I feel safe in saying that there were less blooms shown that were below a good average exhibition quality. Any new variety that was not of Enchantress size had no show for any of the medals. Only three certificates were given. It remains to be seen whether these varieties will score as high in the growers' estimation after they are disseminated; and also whether some of those that were left at the post in this short distance race will not pull up winners in the long race that will follow their dissemination. This has happened many times in the past and those who have followed the exhibitions know better than to try to judge a variety's commercial value wholly by the show it makes on the exhibition table. You can, of course, make up your mind as to whether the color, size, form, calyx, stem and keeping qualities are desirable, but that is as far as you can go. And the wise ones will recognize the fact that there are other very important points to a paying carnation.

The variety that was there in largest quantity was Winsor. There were vases of it in every part of the hall, besides a large mirror decoration, which was made over the second day. The color of this variety is distinct and beautiful, both by day and under artificial light.

Pink Imperial was there in fine shape; it is a fine keeper.

Aristocrat is a large, round bloom and has a fine stem. The color when the bloom is young has a pleasing carmine cast which lights up beautifully by artificial light. It traveled in good shape from Joliet to Toronto.

Beacon showed up ahead of all other scarlets. The color is orange-scarlet, better than many so-called scarlets we have had. In size and general make-up it reminds one of Enchantress.

White Enchantress as shown by F. R. Pierson Co. needs no further comments than that it is what the name implies.

F. Burki showed a fine vase of his namesake, which was a surprise to many who grew it last year.

Alma Ward made perhaps the biggest show of any one vase. The blooms are of extra large size, with large, broad petals, but hardly full enough. The calyx is fine and stem extra long and strong. A very showy variety.

Mrs. C. W. Ward is a greatly improved Mrs. Lawson; larger bloom and longer stem; color about the same as Mrs. Lawson.

No. 20, by Bassett & Washburn, is a fine, large red with a good stem and calyx. The color is bright red bordering on scarlet. The bloom is of good form and deeply fringed.

Elsa, as shown by Cottage Gardens, is a beautiful thing. The color is more salmon than in Lawson and lights up

beautifully at night. Fine, round form and good size. A little short in stem as compared with others.

Red Riding Hood did not show up to my expectations. I have heard it praised very highly.

Marchioness, shown by L. E. Marquisee, traveled poorly and failed to revive sufficiently to show its merits.

Helen Gould is a beautiful striped sport of Enchantress and, like Imperial, should prove valuable for some kinds of work.

Excelsior, shown by the Dale Estate, looks like a rose-pink sport from Enchantress. If it is such, it is the brightest colored one I have yet seen.

No. 348, by Dailledouze Bros., is a fine, large bloom of Lawson shade.

There were a few bunches of Lady Bountiful, and for general excellence this variety is hard to beat. But White Perfection was great.

Red Lawson stands no show alongside the newer scarlets on account of its dull color. Flamingo was outclassed. Victory holds its lead. It always travels well. Craig was good.

Toreador won a certificate of merit. It is a decided improvement on Prosperity. The bloom is fuller, the calyx is better and the stem holds the bloom upright.

Harvard, by J. D. Cockcroft, is a greatly improved Harlowarden, much larger in size and better color; a fine keeper.

Margaret, shown by the E. G. Hill Co., is a beautiful dark pink color, fine stem and calyx, but hardly large enough.

No. 32, by J. Reimels, was one of the three that were certificated. It is a scarlet of brilliant shade, has large size, a fine stem and calyx; a well formed flower that is deeply fringed.

Bay State is a fine variegated, on a 30-inch stem. It was certificated.

Afterglow, shown by William Nicholson, showed up fine. This variety has always struck my fancy.

There were a dozen other good things, and several exhibits failed to arrive in time because of bad weather. To do full justice to all I would have to mention every vase in the show.

The E. G. Hill Co. showed a fine bunch of the new rose, Rhea Reid. This is entirely distinct and is making a hit wherever it is shown.

One novelty that took my eye was the pliers and clips for mending split carnation calyxes. There has never been a practical method for preventing splitting among carnations and something of this kind has been sadly needed.

A. F. J. BAUR.

EARLY PLANTING.

I will be glad if you will give me your opinion of the following: I am thinking of planting my greenhouse 33x80, solid beds, with one variety of carnation, and that the Enchantress. I have to depend on shipping about all I grow, and thought that variety would be the most profitable to plant. I expect to plant right in the house, along in May. Would I make a mistake in this plan? The above would be all I plant. In planting in the house early would you make the soil rich? Now, if I would add any other color, would I plant one variety of red and one of white? Suggest the best. M. W. W.

Your plan of planting your carnation plants in the house in May ought to work well, and Enchantress will pay you about as well as any variety you could grow, if you plant only one variety. The color is popular at present and that variety will produce high-grade blooms. You will find that inasmuch as your carnation cut will not be large you will have to turn out a superior grade in order to dispose of them to advantage.

I would suggest that you add a white variety, which could be White Perfection or Lady Bountiful. Either one will prove profitable. In red I would suggest Victory. Make the soil just about as rich as you would for fall planting. Later on you can mulch and feed as much as the plants will stand, and the results will be better. Set your plants 10x12 inches. This will seem a little far apart to you at first, but they will take up the room later on, when the light is the weakest and when crowding will do the most harm. Plant only good plants so that there will be as little loss as possible during the summer.

A. F. J. B.

CARNATIONS BURSTING.

I have a bench of Flora Hill and Queen Louise carnations that burst badly, not only a few, but every bloom. I have kept them a little dry, giving all ventilation possible and have not fed them in any way. Temperature from 50 to 55 degrees. They were planted October 1 in rotted pasture land sod, sandy loam with one-quarter well rotted cow manure added. They burst from the start. What can I do to overcome it? Enchantress and Boston Market, in the same house, do not burst. We have had over two months of cloudy weather.

E. H. O.

Flora Hill and Queen Louise naturally burst to some extent during the winter, even when handled with great care; and you may be sure that when they are planted as late as you did yours and subjected to such unfavorable weather as you have had they will do little else. There is no remedy that will give you immediate relief. You must wait until toward spring, when the days are longer and brighter; then it will disappear. If you had planted them six weeks earlier you would not be having so much trouble. But why grow these old, inferior varieties when there are such varieties as Lady Bountiful, Vesper, White Perfection, White Enchantress and The Queen to be had? Any of these will make you more money with far less worry. Keep your stock up to date; it will pay you. A. F. J. B.

NEW ORLEANS.

The Approaching Convention.

The Society of Southern Florists met January 25. Almost the last arrangements were made for the first convention, which will take place in New Orleans February 14 to 16. The program will be as follows:

FIRST DAY, 10:30 A. M.

Address by the mayor of the city.
Reply by Prof. Stubbs, of the experimental station.
President's address. Discussion on address.
Question box.
A paper, "Chrysanthemum Growing Under Glass in the South," by F. P. Davis, Mobile, Ala.

EVENING SESSION, 7:30 P. M.

Selection of next meeting place.
Nomination of officers.
A paper, "Best Orchids for Cut Flowers to Grow in the South," by Jas. Newsham, New Orleans.
Reception of president.

SECOND DAY.

Unfinished business.
Discussion on ways and means for the advancement of horticulture in the south.
A paper, "Packing and Express Rates," by C. W. Eichling, New Orleans.
A paper, "Roses Under Glass in the South," by Robert Lockerbie, New Orleans.
Question box.

EVENING SESSION.

Question box.
Balloting of officers.
A paper, "What the South Can Grow to Advantage for the Northern Markets," by C. W. Withers, New Orleans.
A paper, "Insects Injurious to Plants, and Remedies," with illustrations, by Prof. Newel.

THIRD DAY.

Question box.
A paper, "Carnations Under Glass in the South," by F. B. Patterson, Montgomery, Ala.
A paper, "Needs of the Retail Trade in the South," by Charles Eble, New Orleans.
A paper, "Elements of Horticulture in Private Schools," by E. Baker, New Orleans.

The meeting place will be in a central location on Canal street. Part of the hall has been taken already by our city florists and from the applications received from outsiders we are assured that in the trades' display the south and the north will be well represented. The New Orleans Horticultural Society, wishing to give a hand and a good send-off to the new organization, has voted a handsome sum for the entertainment of the guests and this, added to the subscription among the members of the Society of Southern Florists, will furnish ample means to give the visitors a grand reception.

The society's initiation fee is $1, to be sent to Joseph Steckler, of the Steckler Seed Co., New Orleans. Every florist in the south should join this society, which will become strong in the near future. Application for space must be sent to E. Baker, 2263 Carondelet street, New Orleans. Any information about rooms, hotel, railroad fare, will be cheerfully given by M. M. de Lapouyade, 4416 Bienville avenue, chairman of reception committee.

Various Notes.

Owing to a mild winter, business seems to open sooner than usual. The markets are better every week. Many flowers will be needed for the next two or three weeks, for balls and decorations, and no doubt outside stock will help, and whatever deficiency there is we will have to supply from the north.

Jas. Newsham is expecting his first consignment of orchids from Central America.

George Thomas has been successful with an early crop of sweet peas.

M. Cook & Son make a specialty of sweet olives, which they grow in large quantity from layers.

Robert Lockerbie, formerly with the Metairie Ridge Nursery Co., has started on his own account at 4161 Herville street. M. M. L.

TWO RIVERS, WIS. — Louis Hartung, who was burned out a few months ago, has rebuilt his greenhouses with enlarged capacity.

MUSKEGON, MICH.—L. Wasserman is adding two more houses to the large area already under glass. He also has built a large barn and stable.

JEANNETTE, PA.—Ernest Zanarini has gone into partnership with Ph. Govaert and the firm name will hereafter be Govaert & Co., landscape architects.

SPRINGFIELD, ILL.—Thomas Peaker has completed a greenhouse 11x90 and is using it to start vegetable plants. He plans to put up more glass shortly.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by Monday or Tuesday morning at latest, instead of Wednesday morning, as many have done in the past.

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THE greenhouse 150 feet wide referred to in the paper of R. O. King, read before the American Carnation Society and published in this issue of the REVIEW, is to be built by the Florex Gardens Co., North Wales, Pa. It is to be 425 feet long.

GENIUS has been defined as the faculty of doing small things well. It is just that genius that makes for success in growing either cut flowers or pot plants.

THE REVIEW would like to hear from some young man at Washington, D. C., who meets the trade and would like to act as the REVIEW'S correspondent there.

THE SAME TO ALL.

Enclosed I hand you a money order to renew my subscription to the REVIEW. The advertisement last issue brought me the stock I have wanted to get for quite a while. It shows that a classified advertisement in the REVIEW is sure to bring results. I find you are about the fairest people that I have ever dealt with and if at any time I should have a surplus, or if I needed any stock not advertised, you will hear from me with another advertisement.

THOMAS TULLIE.

Edgewood, R. I.

ADVERTISING AND READERS.

The following from a speech by H. R. Clissold, of the Bakers' Helper, delivered before a congressional body considering change in postal laws, is particularly illustrative of the attitude of the florist to the advertising in his trade paper:

"The trade paper differs radically, also, from the newspaper and the magazine in the fact that to its readers the advertisements in its pages are a vital feature. The advertisements in the trade paper are to its readers the very marrow of their business. Not only would no subscriber to them desire their elimination, but most of them would seriously complain of the lessened value of the periodical if they were absent."

CARNATION DAY.

Carnation day has come and gone, and with it something learned that may be to our advantage.

We must wake up! Here is an Eldorado for us—another floral holiday born but a few years.

It is noticeable that the press has commented on it more than ever this year.

When the press takes hold of anything the people will take hold.

Americans will not let this spark of patriotism die out—it will grow and each year will find a greater demand for flowers.

The colors mostly sought were deep pink and red—they went fast—one or two at a time, but in the aggregate many.

There are many ways you can awaken an interest in this day.

A few days previous get a large picture of McKinley, drape it and put it in your window, with a few vases of carnations. Have plenty of reminders inside and outside of your store—get your home paper to write up the occasion—put a carnation on your own coat, and you won't have to wait for customers.

J. L. J.

THE READERS' CORNER.

Cleaning Greenhouse Glass.

I wish to tell J. P. H. how I clean my greenhouse glass. My glass is the worst I have ever seen and I use muriatic acid. I would advise J. P. H. to use the raw acid the first time and afterwards use water and acid. Use one cup of acid to two cups of water, and if that is too strong use your own judgment; you will soon get on to it.

Two 10-foot boards with steps nailed on for a 16-foot board to rest on will support two men while working on the roof. Do not wet the glass the first time and do not let the acid dry on the glass, but wash it off. Work both ends so that one end will be dry all the time. I have tried almost every way, but I find this way the best. Two men can clean 2,000 feet of glass per day.

M. E. ATKINSON.

SOCIETY OF AMERICAN FLORISTS.

State Vice-presidents.

President William J. Stewart announces the following appointments as state vice-presidents for 1907:

Alabama	E. A. Beaven
Colorado	J. A. Valentine
Connecticut	Peter Zuger
District of Columbia	W. H. Ernest
Florida	C. D. Mills
Illinois, Northern	George Asmus
Illinois, Southern	F. L. Washburn
Indiana	J. A. Evans
Iowa	W. A. Harkett
Kansas	Oscar Roehr
Kentucky	A. R. Baumer
Louisiana	M. Cook
Maryland	Wm. Weber
Massachusetts, Eastern	E. L. Pierce
Michigan	W. E. F. Weber
Minnesota	John Monson
Mississippi	S. W. Crowell
Missouri, Eastern	W. C. Young
Missouri, Western	Geo. M. Kellogg
Nebraska	Geo. H. Swoboda
New Hampshire	Aug. Gaedeke
New Jersey	C. H. Totty
New York, Eastern	Chas. Lenker
New York, Western	C. H. Vick
North Carolina	J. Van Lindley
Ohio, Southern	J. B. Heiss
Ohio, Northern	Geo. Beyer
Pennsylvania, Eastern	P. J. Lynch
South Carolina	C. A. Moss
South Dakota	C. E. Newbury
Tennessee	C. L. Baum
Virginia	H. Brown
West Virginia	C. P. Dudley
Wisconsin	Fred Holton
Ontario	J. H. Dunlop
Washington	Amy K. Luffman

P. J. HAUSWIRTH, Sec'y.

PUBLICATIONS RECEIVED.

[The Dahlia Manual, a treatise on dahlia culture, by W. W. Wilmore, Denver, Colo.; price, 35 cents.]

One of the most attractively printed of the many cultural monographs now coming from the press is that of W. W. Wilmore, who states in his preface that he has devoted twenty-five years of his life to a study of the dahlia. In the sixteen illustrated pages of his pamphlet, Mr. Wilmore aims to present such information as is commonly called for by those who are seeking to make a success of the dahlia as a garden flower. He does not seek to cover the subject in the most minute detail, but to set forth the needs of the dahlia in an easily understandable style. He devotes a chapter to soil and location, another to fertilizers, one to planting and watering and the other details of culture. A couple of pages are given to propagation, one to insect pests and a paragraph to storage of roots. The suggestions as to the varieties to plant are brief. Incidentally he says: "As a rule I think the purchaser, unless he is familiar with varieties, will do well to leave the selection to some responsible grower or dealer, simply stating the colors and types wanted, together with the purpose for which they are to be grown." The booklet is in no sense an advertising catalogue and will be read with interest by everyone who grows the dahlia.

Send Your Order to Amling for

CARNATIONS

If you want good stock

We believe no other house in the West has so large a supply of carnations—certainly no other house has so large a supply when only first-class stock is considered. See for yourself. Order today—you will order **tomorrow** if you do.

Roses and Beauties

Cut not large at present but stock averages good quality.

Violets

Big, dark Hudson River doubles and fragrant home-grown singles; large supply.

Bulb Stock

Plenty of white Tulips and increasing supplies in colors. Paper Whites abundant.

FANCY VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

AMERICAN BEAUTIES		Per doz.
Stems, 30 to 36 inches	$5.00 to	$6.00
Stems, 20 to 24 inches	3.00 to	4.00
Stems, 12 to 16 inches	1.50 to	2.00
Seconds	.75 to	1.00
Bridesmaid, per 100,	6.00 to	15.00
Bride, "	6.00 to	15.00
Chatenay, "	6.00 to	12.00
Golden Gate, "	6.00 to	12.00
Richmond and Liberty, "	6.00 to	15.00
Carnations, select, "		3.00
" large and fancy "	4.00 to	5.00
Miscellaneous Stock		
Violets, N. Y. double, "	.75 to	1.00
" single, "	.75 to	1.00
Valley, select, "	2.00 to	4.00
Callas, per doz.	1.50 to	2.50
Harrisii, "	2.00 to	2.50
Mignonette, "	.50 to	.75
Sweet Peas, per 100,	1.00 to	1.50
Romans, "		3.00
Paper Whites, "		3.00
Jonquils, Daffodils, "	5.00 to	6.00
Tulips, all colors, "	4.00 to	5.00
Green Goods		
Asparagus Plumosus, per string,	.35 to	.50
" " per bunch,	.35 to	.75
" Sprengeri, per 100,	2.00 to	5.00
Adiantum, "		1.00
Smilax, per 100, $15.00; per doz.		2.00
Ferns, per 1000, $2.50; per 100,		.25
Leucothoe Sprays, per 1000, $6.00; per 100, 75c		
Galax, green and bronze, per 1000, $1.00.		
" " " per case, 10,000, $9.00		
Boxwood, 35c per bunch; $7.50 per case		

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic Chicago, Ill.

Mention The Review when you write.

CHICAGO.

The Great Central Market.

A few days of genuine winter weather have done something to improve the quality of stock but little toward increasing the quantity, for most of the time it has been cloudy. There are now liberal supplies of carnations and it is usually possible to fill all orders unless received at such a late hour that just the grade or color wanted have been sold. McKinley day, January 29, did not make even a ripple on the surface. The demand continues to be principally for white, but red is first cleaned up because in lightest supply. Prices, in the face of increased receipts, have made a slight advance in the days when demand showed itself strongest. The market has been erratic, some days brisk, and some days dull.

If the dark weather continues much longer we shall be wholly without roses. Receipts are steadily on the down grade. The only limit to prices is the point beyond which retailers can no longer use the stock; in fact, many of them say they are not now able to make a profit on roses, the price on shorts being above where they can use them to advantage for funeral work. Best Bride and Maid occasionally sell for $20 per hundred, and Killarney and Richmond still bring $25 per hundred for the small proportion of extra fancy stock received. Of course the bulk are in the class bringing from $8 to $15. Chatenay is not much in evidence.

There are liberal receipts of violets and they sell none too well. Bulbous stock is more abundant. There are large quantities of white tulips and yellow is received in much larger numbers. Red and other sorts are steadily gaining in volume. Paper Whites and Romans are not so plentiful as they were and are bringing a shade better prices. Easter lilies are scarce, and callas frequently are hard to find. Daffodils sell well and freesia usually moves quickly. A few poet's narcissi have arrived. The better class of stores are handling mignonette quite freely, but only the best will do. Sweet peas clean up within the hour received.

Green goods are in light supply. There is a shortage of bunches of plumosus and Sprengeri. Adiantum, too, is scarce and advancing in price. The strings of smilax are short and light and one frequently has to skirmish to find strings of asparagus. There is plenty of cold storage wild smilax and it is selling well.

Winandy Sale.

The trustees in bankruptcy having in charge the assets of Michael Winandy have secured an order looking to the sale of all the personal property of the bankrupt and his interest in the real estate. Bids are to be received up to 10 a. m. Wednesday, February 6, at which hour they are to be presented before Sidney C. Eastman, referee in bankruptcy. The trustees are Peter Reinberg, Carl Ickes and Peter Kransz.

Retailers' Association.

The Retail Florists' Association held its annual meeting at Handel hall January 24. The following officers were elected: President, George Walther; vice-president, George Asmus; secretary, A. Lange; treasurer, C. H. Fisk.

The association has been resting on its oars the last few months. President Walther proposes to have the matter of credits taken up. There is no doubt that every retailer is carrying more money on his books than good business would justify, and the same may be said of the gentlemen from whom the retailers buy.

The Lily Prospects.

W. L. Palinsky ventures the opinion that lilies will not be especially abundant for Easter. Because of the early date the stock cannot waste time or it will not be ready. Then, too, much disease has developed. He took 5,000 longiflorum multiflorum from three sources. Each lot is about like the others and the loss is twenty-five to thirty per cent. Mr. Palinsky says Sam Pearce told him his own loss would be close to forty per cent.

The Best Carnations.

August Poehlmann says that of all the new sorts seen at Toronto, Beacon looks best to him, although he will not go back on Victory, which he says is by all odds the best money maker of any red the Poehlmann Bros. Co. ever has grown. One of its best attributes is its shipping quality. He says seeing Winsor as shown at Toronto has proved to him that he was right when he bought 10,000 of this variety. Half of this number will be grown this year, the other half being turned over to the Thomson Carnation Co., of Joliet. Winsor looks a splendid shipper, and a carnation that doesn't ship is no good in the Chicago market.

QUAILTY

has improved under the influence of a few days of real winter weather. Stock now leaves little to be desired, except that larger cuts would be welcome. While we have the finest **Roses, Beauties, Carnations,** etc., the market affords, we also have enough short and medium grades for those who want them.

No order too large for us to handle and none too small to receive careful attention. We have an eye to the future. **Write, Wire or Phone—Today.**

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Over 40-inch, select	$6.00 to $8.00
36-inch, select	5.00
30-inch, select	4.00
24-inch, select	3.00
18 to 20-inch, select	2.50
15-inch, select	1.50
12-inch, select	1.00
Short stem, select	per 100 6.00 to 8.00

ROSES	Per 100
Maid, Bride, Chatenay, select	$12.00
" " " first	10.00
" " " medium	$6.00 to 8.00
Sunrise, Perle, Gate, select	10.00
" " " " first	6.00 to 8.00

ROSES	Per 100
Richmond, Killarney, select	$25.00
" " first	$18.00 to 20.00
" " medium	12.00 to 15.00
Short stem Roses, good	6.00

Special long stem roses charged accordingly.

CARNATIONS	Per 100
Extra fancy Enchantress, Prosperity, Red, Lawson and White	$4.00 to $6.00
First quality	3.00
Split and short stems	2.00
Harrisii	20.00
Rubrum Lilies	12.00
Tulips, Proserpine and yellow	5.00
Tulips, white	3.00

	Per 100
Narcissus	$4.00
Daffodils	5.00
Romans	3.00
Valley	4.00
Violets	$0.75 to 1.00
Mignonette, large spikes	6.00 to 8.00
Stevia	2.00
Adiantum	1.50
Adiantum, fancy Croweanum	2.50
Smilax	16.00
Sprengeri, Plumosus Sprays	3.00 to 4.00
Plumosus Strings	each .50 to .60
Ferns	per 1000 2.50
Galax	per 1000 1.50
Leucothoe	1.00

Subject to change without notice.

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

Mention The Review when you write.

Carnation Show.

Secretary Schupp, of the Florists' Club, is sending out notices to the local people to prepare for the Florists' Club carnation exhibition February 14. He also is writing the originators of novelties, etc., requesting exhibits. It is expected a large attendance will be on hand that night, for much interest is taken in the new carnations and in seeing what the local growers can show well done.

Anyone having good stock is invited to show a few flowers. If he cannot bring them personally, they may be shipped in care of E. F. Winterson, 45 Wabash avenue, who has charge of the arrangements for staging the exhibits.

Various Notes.

At the old John Brod place, at Niles Center, now owned by Albert Lies, D. J. Murphy is turning out some splendid roses. These are the narrow, short-span houses which have not been considered as specially good for rose culture. It is only another evidence that it is not so much the powder as the man behind the gun.

N. C. Moore & Co. have in contemplation plans looking to the rebuilding of their older range of houses in the spring.

It is reported from Moline that Henry Klehm, of Arlington Heights, is thinking of opening a retail store in a vacant room next the opera house there.

To show the importance of Valentine's day, A. L. Randall states that last year his firm sold 160,000 violets that day. Prices were weak a year ago, but he says he expects to handle a larger number of violets this year than last.

Emil Buettner says he never has seen anything like the way white lilac has been called for this year. His first batch was cleaned out much sooner than expected and brought excellent prices.

Bassett & Washburn made a splendid showing with their seedling No. 20 at the carnation convention last week, winning the S. A. F. bronze medal in the face of the closest competition ever known in this class. There were fifteen entries. No. 20 is a seedling of Prosperity and Crane which they have been growing since 1902. They now have 1,200 plants. They contemplate sending the variety out in 1908.

Peter Reinberg has been forcing valley only a few weeks, but few old hands at it can produce better stock than he has this week.

The Benthey-Coatsworth Co. moved into its new store on the second floor of the Atlas block the first days of this week. As soon as they can get things painted they will be finely located.

The E. F. Winterson Co. is taking inventory this week preparatory to making a number of changes in the method of handling the business. They will separate the several departments. E. F. Winterson will give his personal attention to the cut flowers. L. H. Winterson will manage the supply department and John Degnan have charge of the office.

One of the week's visitors was Mr. Miller, foreman for E. H. R. Green, Dallas, Tex., where they are doing tall stunts in the building line.

At J. A. Budlong's, Nelson Fisher is considered the best dark pink carnation and Boston Market the best white. This year they will try Winsor and Aristocrat as rival pinks and White Perfection for fancy white.

E. H. Hunt is receiving some Marie Louise violets grown in Michigan which bring better prices than the finest of Hudson river stock. They have not only size and color but fragrance.

Sinner Bros. have invested in practically all the new varieties of carnations for trial next season.

O. P. Bassett and Mrs. Bassett leave next Monday for New York and February 7 will sail on the Arabic for Egypt and the Nile. Returning they will spend some weeks in Europe, reaching Chicago about June 1.

Vaughan & Sperry say they have enjoyed an excellent fortnight's business, showing a splendid increase as compared with a year ago.

The appointment of Charles L. Hutchinson to membership in the South parks board of commissioners secures to the public the services of a keen business man whose interest in horticulture is well known.

Peter Reinberg and Matt Evert are busy booming Harrison for mayor.

ST. LOUIS.

The Market.

Business last week was considered good. The only trouble was the shortage of roses. During the week a number of swell weddings, dinners and other entertainments used up considerable stock. Funeral work, too, had a big

Fancy Baskets and Easter Novelties

The largest, finest and most up-to-date selection to be found any place. Florists who ordered our $5.00, $10.00, $15.00 and $25.00 assortments for Christmas are doubling their orders for Easter. Send in **your** order today for one of these assortments and we will deliver them any time you specify.

White Lilac, **$1.50 per dozen.** Second lot ready February 1st. The large demand this season cleaned up our first lot so we were unable to fill orders the last few days in January. We expect to be able to take care of all orders from now on and this lot is very fine stock.

VIOLETS For Valentine's Day

We will have plenty of both double and single, but would like to get your order as early as possible.

We also have a full line of all other Seasonable Flowers and are in a better position than ever to fill your orders.

A. L. RANDALL CO.

Have you our Catalog hung beside your desk?

19-21 Randolph Street, CHICAGO, ILL.

Mention The Review when you write.

call. The counter trade with the downtown florists was reported good, also prices. Quite an improvement is noted in this line since the first of the year at the wholesale houses. During the last week we found carnations in good supply and the big demand cleaned up this stock each day.

The rose market was stiff. The shortage seems general in all grades. Anything that looks good brings $8 per hundred, with extra fancy up to $15 per hundred. Violets have shortened again, owing to the cloudy weather; 50 cents per hundred is asked. Nothing but Californias in this market.

Bulbous stock is quite plentiful, but the demand is good owing to plenty of funeral work. Romans and Paper Whites are of fine quality. Callas move well, also freesia and lily of the valley. A lot of short-stemmed tulips are coming in. In greens, a lot of bronze galax was sold last week. Smilax is plentiful, also Asparagus plumosus and Sprengeri. Common ferns are up to $2 per thousand.

Various Notes.

At Henry Niemeyer's place all hands were busy cleaning tuberose bulbs. All stock is looking fine.

A. G. Ahner, Sr., and A. G. Ahner, Jr., have their places in tip-top condition. Extra fine Enchantress carnations and violets were seen there.

Frank Vennemann, at Kirkwood, has quite an attraction in his potting shed in the shape of a picture gallery. He is long on fancy carnations and violets.

Hugo Gross has a fine place, filled mostly with California violets and carnations. Mr. Gross will build several new houses this summer.

Albert Scheidegger has a fine lot of Rose-pink Enchantress, for which demand is good.

A. Jablonsky has, at his Wellston place, a fine lot of longiflorum lilies in pans and pots which will be in for Easter.

Henry Emunds and E. W. Guy, of Belleville, were over last week buying supplies. Both report an excellent trade since the first of the year.

Fred Foster had a fire recently at his residence. The damage is fully covered by insurance.

Dr. A. S. Halstead, of Belleville, attended the carnation meeting at Toronto and is much pleased with the new varieties he saw.

It has been reported that James Arata, who is with C. Young & Sons Co., will desert the ancient order of bachelors soon and become a benedict. Here are congratulations to the young lady.

The showhouses of George Waldbart and Mrs. Ayers, on Grand avenue, were attractive last week with blooming stock of all kinds.

The Florists' Club meeting, which will be held Thursday afternoon, February 14, will be of great importance to growers of carnations. It will be our annual carnation meeting and all the new introductions will be on exhibition. Everybody is invited to meet with us, regardless of membership. A neat invitation will be sent out by the trustees this week. President Irish and all the officers are making great efforts to bring out the full membership on this occasion. A number of visitors from out of the city are expected to be in attendance.

J. J. B.

VALLEY IN POTS.

Will you kindly tell me at what time I should bring in valley pips to have them in bloom for Easter in a night temperature of about 50 degrees, planted in pots with soil?

W. J. T.

If the lily of the valley is needed for Easter, 1907, it must be potted without delay, as the great festival comes at an unusually early date, viz., March 31. It makes no difference whether the pips are potted in sand, moss or loam, as no roots are made while they are being forced. If placed in the light forthwith the plants at this early date will start very slowly and the stems are bound to be short. Can you not find some place in your house where you can box in a little place and keep it up to 65 or 70 degrees? If over the hot-water pipes it will answer all right. Plunge the pots in moss or any other plunging material, cover over with boards or heavy paper and keep dark until the stems are well up; then gradually expose to the light.

We seem likely to have a rather severe winter. February is usually cold, with much sunless weather, and while the sun is at a considerably higher angle in March, we cannot depend too much on that month. Start the pips at once in as warm and dark a place as is at command, keep them well watered and they should be in season for Easter.

C. W.

Our FEBRUARY SPECIALTIES--

AMERICAN BEAUTIES, the finest in Philadelphia
CATTLEYAS and WHITE CATTLEYAS, very choice
SINGLE DAFFODILS, in quantity
WHITE LILAC

TULIPS, SINGLE, PINK and YELLOW

The Leo Niessen Co.

WHOLESALE FLORISTS

1217 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

PHILADELPHIA.

The Rising Eastern Market.

The increase in the quantity of spring flowers is the feature of the market this week. Freesias are more plentiful, the finer grades having arrived in quantity. Pink tulips can now be had, in addition to yellow and white. Daffodils are rather less plentiful, but there are a few good Golden Spurs. The bright, cold weather is putting more life into the roses and carnations, but there is no particular increase in the quantity. The demand is especially for pink and white, with the supply far below the requirements. Beauties have advanced, the specials bringing higher prices than at any time since Christmas. There are few medium grades, but shorts are fairly plentiful, the average quality being poor. Violets are selling better than for some time past. Prices are low for midwinter. A comparison with last season shows that ordinary grades of carnations are bringing from 50 cents to $1 per hundred more now than then, but the supply is far below what we generally have in the end of January. Cattleyas are quite plentiful and of fine quality. Gardenias are selling well, but the supply has fallen off a little. A novelty is Acacia pubescens. Mignonette is fine.

Edward Towill, of Roslyn.

Everybody knows Edward Towill, of Roslyn, and will rejoice with me in the prosperity which is so evidently his this season. The street believes that this prosperity is due, first, to his acumen, or shall we say nerve, in taking up Richmond before the plain, everyday growers thought of it, and carefully distributing his stock among them. Next, to his foresight in selecting a certain rose which every one said had been unloaded on him, and growing it so well that one of our best buyers took his entire clip during the winter months. The street even believes that the mighty Farenwald will grow two houses of this same rose, Towill stock, next season. The street further asserts that whereas any ordinary carnation grower, like Ward or Dailledouze, has to grow a thousand or more seedling carnations selected from the best plants in two or three houses before he can get anything worth seeing, Edward Towill simply picks out a few plants and grows them, nobody knows where, in a corner of one of his houses, probably, then cross fertilizes one or two flowers, and, presto! he has a seedling which a discriminating judge decides is worth so many pennies per plant and orders everything that can be produced. Should you meet Edward Towill, of Roslyn, and chance to tell him that he looks prosperous, he will assure you, artlessly, that any man may look so who lives near home, where he can run for a bite of lunch whenever he so pleases.

THE Florists' Supply House of America

We hold our place by the ever increasing Newness of our goods.

Fancy Grecian Toneware

This beautiful novelty is a distinct type of our popular antique Toneware. The vases of the Grecian style are slender, with curved lines and soft, rich coloring. The whole effect is pleasing and highly artistic. May we send you some?

TRY OUR GRASS HEADS

In general assortment. They are quick sellers.

OUR EASTER STOCK IS NOW ARRIVING

Our catalogue is free.

H. BAYERSDORFER & CO.

When you reach either railroad terminal come to 1129 Arch St., Philadelphia

Mention The Review when you write.

A Letter from Brooklyn.

John Scott, of Brooklyn, states in a letter to Phil that the quotation ascribed to him regarding Nephrolepis Amerpohlii published in this column January 10, "It is the best one yet," is too sweeping. Mr. Scott thinks Nephrolepis Amerpohlii a beautiful thing, but he does not wish to be understood to say that it will outsell Nephrolepis Scottii or displace Nephrolepis Whitmani until he has become more familiar with the promising newcomer.

Riverton.

George A. Strohlein, major general in command of the Dreer army at Riverton during the brief absence of J. D. Eisele, pointed with pride to the fine color of the kentias. They do not by any means grow kentias to the exclusion of the other palms, but there are enough kentias alone to fill a medium sized place. The larger sizes, so prominent in the fall, were reduced in numbers, suggesting the

Acacia Pubescens, $2.50 and $5.00 a bunch.

WHITE VIOLETS, per 100, 1.50

CATTLEYAS, - per doz, $6.00

We can quote attractive prices in large quantity.

CUT BOXWOOD, 15c per lb. in cases, (50 and 100 lbs.)

We Have an Exceptionally Fine Stock of..... **Well Rooted Carnation Cuttings** From the Best Growers, As Follows:

	Per 100	Per 1000
Craig	$5.00	$45.00
Victory	5.00	45.00
Haines	5.00	45.00
Peary	3.50	30.00
Bountiful	3.00	25.00
Enchantress	$2.50	$20.00
White Lawson	2.50	20.00
Harry Fenn	2.50	20.00
Lawson	2.00	15.00
Queen	$2.00	$15.00
Cardinal	3.00	25.00
Flamingo	3.00	25.00
Eclipse	3.00	25.00

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

Hardy Japanese Lilies

These are excellent for forcing and bring handsome prices. We have an extra fine importation just received in good shape. Try a few and note the ready sale.

AURATUM
White spotted crimson, yellow stripes.

	Doz.	100	1000
8 to 9-in. circum.	$0.75	$5.25	$47.50
9 to 11-in. circum.	1.10	7.50	70.00
11 to 13-in. circum.	2.00	15.00	130.00

MELPOMENE
Rich crimson.

	Doz.	100	1000
8 to 9-in. circum.	$1.00	$7.25	$65.00

ALBUM (Praecox)
Pure white improved type.

	Doz.	100	1000
8 to 9-in. circum.	$1.00	$7.00	$65.00
9 to 11-in. circum.	1.50	11.00	105.00

MAGNIFICUM
Mammoth beautiful crimson blooms.

	Doz.	100	1000
8 to 9-in. circum.	$1.00	$7.00	$65.00
9 to 11-in. circum.	1.20	8.00	76.00

SALVIA, Clara Bedman or Bonfire

A special strain of carefully hand selected seed from large specimen plants. 25c per ½-trade pkt.; 40c per trade pkt.; $2.50 per oz.

Send for our NEW WHOLESALE CATALOGUE. It will interest and pay every florist.

HENRY F. MICHELL CO.

1018 Market Street, PHILADELPHIA, PA.

thought that they would not last beyond Easter. The medium and smaller sizes are very fine. The novelty in palms, if that term is permissible in a commercial sense, is Phoenix Roebelenii, which five years ago was so scarce and expensive as to be almost unknown. It is now here in moderate numbers. This palm is extremely graceful, with all the durability of its family. It is seen in from 5-inch to 7-inch pots and is worthy of careful inspection.

One of the gems of the collection is a block of Cocos Weddelliana in 3-inch pots reserved for offering next fall in 4-inch or 5-inch pots. The plants are perfectly developed, with the bloom of perfect health. Do not misunderstand me and cry: "What a liar!" I did not say the cocos were blooming in threes, but there is no word better than "bloom" describes that gloss or finish on the foliage that delights the heart of a grower. There were many other fine lots of C. Weddelliana, all bearing evidence that it is worth while to sow the seed of this deep-rooting palm in individual pots with a checkvalve in the bottom of each.

There is always a struggle going on in every place between the growers, who want the best plants of a small size reserved for growing on, and the order pickers, who want the best for the orders they are filling. The interest of the place one would naturally suppose would require that the cream of the stock be reserved for the specimens, yet as a matter of fact it is rarely so, the case of the cocos being an exception. I hope some day it may be the rule.

The dahlia roots are an interesting sight. Tall bins arranged in rows, each bin labeled with the name of the variety, on the front of each row a list of the varieties to be found in that row, the whole reminding one strongly of a well arranged public library. The room is frost proof. The dahlia is one of these happy neutral grounds in which grower and order picker can meet in harmony. 'Cause why? The little bulbs do just as well for propagating. PHIL.

Various Notes.

The S. S. Pennock-Meehan Co. has a novelty this week in Acacia pubescens. These graceful yellow blossoms are much prized for table decorations. White violets, another specialty of this company, are especially fine just now.

Fred Brown, who has for the last two years been manager of the Bellevue-Stratford store of J. J. Habermehl's Sons, left January 23, to take charge of the store of J. H. Dunlop, Toronto, Canada. Mr. Brown was very successful while in this city. He had the courage to attempt new and striking arrangements, many of which made a decided hit. He will be greatly missed.

Mrs. R. E. Moir, of Brockton, Mass., was a visitor in this city recently.

The Leo Niessen Co. has been receiving some superb freesias from L. R. Hancock, of Burlington, N. J.

Charles E. Meehan, George L. Pennock and Alfred Burton visited the rose and carnation establishments at Briar Cliff and Scarborough recently.

Henry F. Michell has returned from Florida.

Victor Groshens has purchased a farm adjoining that of Edward Towill, at Roslyn, Pa.

A. Harvey & Sons, of Brandywine Summit, are sending exceptionally fine mignonette to the Leo Niessen Co.

S. A. Anderson and Mrs. Anderson, of Buffalo, N. Y., were visitors in this city last week.

Samuel S. Pennock, Edward A. Stroud, William P. Craig, George Chandler, William Swan, Thomas Beattie, Paul Berkowitz and a member of the firm of A. Harvey & Sons were present at the Toronto convention of the A. C. S. last week. Mr. Pennock, after commenting on the business points of excellence in the exhibition, said in his joyous way that there was one thing he wanted to mention especially, and that was that the color committee, consisting of W. N. Rudd, C. W.

La Reine Tulips ARE FINE

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality.

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 6.00
Valley	"	3.00 to 5.00
Violets	"	1.00 to 1.50
Peas	"	1.50
Romans	"	2.00 to 3.00
Paper White	"	3.00 to 4.00
Tulips	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25;	per 100, .15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 1.50	" .20

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

Mention The Review when you write.

Ward and F. H. Lemon, were unable to decide on the color of the fur cap which J. Austin Shaw had just purchased as a protection from the cold.

Simon Bros., of Wilmington, Del., sent good shipments of bulbous flowers to the Leo Niessen Co. during the last few weeks at a time when the market was practically bare of other stock.

H. Bayersdorfer & Co. have their new show tables entirely filled with choice Easter stock. Sydney Bayersdorfer reports that they are especially busy with advance Easter orders.

Fred J. Michell is away on a business trip.

M. Rice & Co. are busily engaged in rushing off orders for what promises to be their largest Easter. Meanwhile, as we learn from the REVIEW, B. Eschner snatches a moment to help the long-suffering retailer with a frozen show window.

William A. Leonard, of Lansdowne, is sending some exceptionally fine Brides and Maids to the Leo Niessen Co.

The Highland Rose Co. is cutting some beautifully colored Maids.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

60. Will a fine quality of sweet peas in the very best varieties have any market in your city during the summer months?

A. There is an excellent demand at remunerative prices during the first three weeks in June. After that the demand, excepting for white, is irregular. Good flowers would probably bring from $2 to $2.50 a thousand; at times more. From this, commission and expressage must be deducted.

61. I am planning to grow two acres of asters. Can you give me any suggestions about shipping and marketing these and the sweet peas?

A. Asters are much more likely to be profitable here than sweet peas during the summer months. At the distance you name from this market I would suggest arranging with the express company that the boxes go straight through in the shortest possible time; that your boxes be light and strong; the flowers carefully bunched; firmly packed, not squeezed, and picked with the sole object of having them in perfect condition when they reach the market. PHIL.

BOSTON.

The Market.

We have experienced severe weather during the last week. Boston recorded as low as 7 degrees below zero, while readings 25 and 30 degrees below were quite common within a radius of forty miles. For several days snow fell almost steadily and we have had little clear weather. While flowers continue scarce, the severe weather has hurt the retailers' trade severely. While there is no great oversupply, prices, except on roses, have stiffened a little. Roses are abnormally scarce and prices continue high. Even short-stemmed Brides and Maids still bring $6 to $8 per hundred. The wholesale markets are hardly receiving any roses, the leading growers not having sufficient to supply their regular customers. Some of the leading retailers are buying a large part of their supply in New York and other markets.

Carnations to a considerable extent are filling the gap caused by the scarcity of roses. Even split flowers are realizing $3 to $4 per hundred and there is a good number of these, due to the dark weather. Violets fluctuate all the way from 35 cents to $1. About 50 cents is a fair average price. Yellow daffodils sell extremely well, bringing up to $6 per hundred. Tulips also sell finely, La Reine being most in evidence. Paper Whites and Roman hyacinths never sold so well. As a rule there is a glut of these at this season; now there are not enough to go around. Callas and Easter lilies are only in moderate supply, prices remaining about the same. Lily of the valley is in good supply and meets with a good sale. Green stock remains about the same.

Pot plants are meeting with a slow sale. Some nice pans of bulbous stock, cyclamens, azaleas, primulas, marguerites, etc., are seen, but warmer weather is needed to move them.

Horticultural Society.

John E. Lager, of Summit, N. J., was the lecturer at Horticultural hall, January 26, his subject being "The Collection of Orchids." Mr. Lager treated this subject in a most fascinating manner. His descriptions of the orchid collectors' journeys to and from the habitats of the various cattleyas, the dan-

Notwithstanding the general scarcity of stock, we have been taking care of all commands.

When in Need of Supplies Don't Hesitate to Send to Us

If in the market we can supply it. Headquarters for

Wild Smilax, Boxwood, Ferns, Galax, Etc.

The Largest Stock of

Up-to-Date Florists' Supplies

in the West. Catalogue free.

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	6.00 to 12.00
Chatenay	6.00 to 15.00
Killarney	8.00 to 15.00
Roses, our selection	5.00
CARNATIONS	2.50 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
" single	.75 to 1.00
Harrisii Lilies, doz., $2.50 to $3.00	
Callas " 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00 to 4.00
Jonquils	5.00 to 6.00
Sweet Peas	1.00 to 1.50
Tulips	4.00 to 5.00
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum, per 100	1.00
Ferns, common, per 1000	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood, 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

Headquarters for Best Roses

and all other stock in season now removed to Room 202, on the second floor of the Atlas Block, cor. Wabash and Randolph, where we shall be better fixed than ever, and just as anxious to serve our customers.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

gers and obstacles to be encountered, the methods of collecting, packing and shipping employed, were deeply interesting. Numerous questions were asked the lecturer and a rising vote of thanks passed at the close. Mr. Lager brought with him a number of large maps on which he pointed out the homes of the various orchids and the route taken to reach them.

Severe cold and the worst blizzard of the winter prevailed for the opening exhibition at Horticultural hall January 26. In spite of these adverse conditions there was a fair display of plants and flowers, the primulas being especially good. For six Primula Sinensis, William Whitman, M. Sullivan, gardener, led with a splendid lot. C. R. Talbot was second, and George M. Anderson third. For six Primula stellata, W. Whitman took both first and third prizes, Mrs. John L. Gardner, William Thatcher, gardener, being second. There was a splendid lot of Primula obconica. For six plants, W. Whitman was again first and third and Mrs. J. L. Gardner second.

For 100 double violets, H. F. Woods led with Marie Louise, N. F. Comley second and third with Marie Louise and Campbell. For 100 singles, H. F. Woods was first with Princess of Wales, N. F. Comley second and C. S. Strout third, all showing the same variety.

There was an unusually small show of carnations. C. S. Strout was first for twenty-five white with Lady Bountiful, and Daybreak pink with Enchantress, H. A. Stevens Co. being second in this class with Melody. For scarlet, C. S. Strout led with a fine vase of Robert Craig, Stevens Co. second with J. H. Manley. Stevens Co. won with crimson, showing Harry Fenn, for striped with Variegated Lawson, light pink with a pretty salmon-colored seedling, and for any other variety with another seedling. Quidnick Greenhouses received honorable mention for a seedling carnation, Victoria, similar in color to Lawson. They also showed a crimson seedling.

Mrs. J. L. Gardner showed a half dozen plants of the bright scarlet Primula stellata, Ruby Star. William Whitman had a nice specimen plant of Cattleya Trianæ. There was a nice display of winter vegetables.

Various Notes.

W. W. Rawson celebrated his sixtieth birthday by banqueting 300 of his friends at the Hotel Vendome on January 23. The guests included Governor Guild and Lieutenant Governor Draper. The speeches at the banquet were able oratorical efforts and eulogistic of Mr. Rawson. The toast-master, George J. Gould, of Malden, presented the host of the evening with a splendid hall clock with cathedral chimes, also a diamond studded Masonic charm, the gifts of his friends and guests. Mr. Rawson spoke feelingly words of thanks. During the day the employees at Arlington presented a fine set of driving harness, and the clerks in the seed store a handsome Morris chair. A feature of the banquet was the entire absence of alcoholic liquors, in accordance with Mr. Rawson's convictions.

H. M. Robinson & Co. find an increasing sale for gardenias, selling as many as 100 dozen a week. Cattleyas are also in good demand. The wholesalers have handled few of these flowers in the past. They have just received two carloads of southern smilax of fine quality.

Patrick Welch attended an executive committee meeting of the American Rose Society in New York last week, and incidentally ran out to see the Winsor carnation growing at home, which he considers a wonderful sight. His firm is doing a fine winter trade.

William E. Doyle used 10,000 lily of the valley in a wreath last week. He is still running strong on Killarney rose and finds it as ready a seller as ever.

At the big annual Burn's anniversary held in Mechanics building, January 25,

YOU WILL NEED MANY **VIOLETS**

FOR ST. VALENTINE'S DAY

You can get what you want of us. We have the goods at all times.

TULIPS
Now ready in good quantity, all colors.

VALLEY
We can always supply your needs.

Would like a share of your business

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36-inch	$5.00 to 6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Teas).	**Per 100**
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	6.00 to 12.00
Chatenay	6.00 to 12.00
Roses, our selection	5.00
CARNATIONS	2.00
" fancy	3.00
" extra fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
Violets, single	.50 to .75
Harrisii Lilies, per doz.	2.50 to 3.00
Callas, "	2.00
Valley	4.00
Paper Whites	4.00
Romans	4.00
Tulips	3.00 to 4.00
GREENS	
Smilax Strings, per doz.	2.00
Asparagus Strings, each	50 to 60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.25
Adiantum, per 100	1.00
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE

Mention The Review when you write.

a finely executed cast of William A. Riggs, of Jamaica Plain, by Hugh Cairns, the well-known sculptor, was presented to the Caledonian Club. Mr. Riggs is at present chief of the club.

Wax Bros. had the church and house decorations for the Newbury-Brown wedding in Taunton last week.

Florists should be able to purchase ice at much lower rates next summer. Dealers are taking advantage of the present cold wave to harvest a fine crop.

The pure white sport of Carnation Fair Maid, to be introduced by John Barr, of South Natick, and R. E. Moir, of Brockton, in 1908, promises to be a good bread and butter commercial variety.

W. N. CRAIG.

NEW YORK.

The Market.

Just at present it is wintry. There is fair sleighing in the suburbs and the sunshine ought soon to create more normal conditions for the grower, who has been sadly handicapped since the advent of the year.

There is a remarkable scarcity of roses and carnations. Orchids and valley are abundant; so are hyacinths, narcissi and lilac. Gardenias are not overabundant and violets hold steady at from $1 down, the high price only being paid for the very best.

Carnations are bringing from $3 to $10 per hundred. Brides and Maids fetch from $3 to $20, and Beauties from $6 per hundred for shorts up to $12 per dozen for the finest, the majority of long, fancy going at $9 per dozen.

Society has developed almost stagnation, and the retail demand is below the average, so the market may be said to keep on the even tenor of its way. Everything that reaches the city brings good prices, and patiently, but expectantly, the retailer bides his time.

The large shipments of roses expected about the middle of January and prophesied by the veteran originator of the Maid, have been sidetracked because of the clouds and await a more convenient season. The tide will soon rise; wait a little longer.

Your Plans For 1907

should include telephone service at your home as well as at your place of business.

It isn't only "just as easy" to do things by telephone, it is

EASIER CHEAPER and QUICKER

NEW YORK TELEPHONE COMPANY
15 DEY STREET

Mention The Review when you write.

The Toronto Trip.

The trip of the carnationists from New York to Toronto was an enjoyable one. The entry into "the land of ice and snow" in the early morning revealed the snowy mantle, and transition from dampness, chill and grip to the dry, clear, pure zero air of the frozen north seemed to thrill the visitors with life and enthusiasm.

The jolly company lined up thus in the special: From New York, F. H. Traendly, John Young, A. J. Guttman, M. Matherton, E. Escallier, Wm. Eccles, Harry Bunyard, Peter Beuerlein and son, Henry Reimels, S. Butterfield, M. F. Tierney, Mr. and Mrs. Warburton, of Fall River; Mr. and Mrs. E. J. Taylor, of Southport; Mr. and Mrs. Eugene Dailledouze, of Brooklyn, and J. Austin Shaw. At various points we picked up Messrs. Wyland, Elverson and Fred Burki, of Pittsburg; W. G. Saltford, Poughkeepsie, N. Y.; Mr. Velie, of Marlboro, N.Y.; C. P. Dudley, Parkersburg, W. Va.; P. R. Quinlan, of Syracuse; Peter Crowe, A. O. Grassl and H. H. Nicholson, of Utica; Alfred Baur, Atlanta, Ga.; Mr. and Mrs. A. J. Baur, of Erie, Pa.; Paul Berkowitz, of Philadelphia; W. N. Rudd, Chicago; Mr. and Mrs. Wm. F. Kasting, W. J. Palmer, David Scott, J. White and Roland Cloudsley, Buffalo. You can imagine the good-fellowship that prevailed. The only disappointment was the severe illness of William Scott, of Buffalo, making his attendance at the convention impossible. The esteem in which he is held and the universal desire for his recovery was especially demonstrated at the banquet when a standing toast was drunk to his recovery and his genial personality. No member of the Carnation Society is more widely

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



Headquarters

I make a Specialty of ORCHIDS and all FANCY CUT FLOWERS

I am now booking orders for regular shipments of cut flowers for the coming season, and would appreciate an order from you for your regular supply. Regular shipments made daily, every other day, or as often as you like, and at lowest market prices. TRY ME.

CURRENT PRICE LIST

	Per doz.
ORCHIDS, a specialty.	
Dendrobium Formosum	$5.00 to $6.00
Cattleyas	6.00 to 7.50
Cypripediums	2.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	6.00
24 to 36-inch stems	4.00 to 5.00
15 to 20-inch stems	3.00 to 3.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory, Gate	6.00 to 15.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise, Perle	6.00 to 15.00
Roses, my selection	6.00
Carnations, large fancy	4.00 to 5.00
" good stock	3.00
Violets, double or single	.75 to 1.00
Harrisii or Callas, per doz.	2.00
Valley	3.00 to 4.00
Paper Whites, Romans	3.00
Tulips, Jonquils	3 00 to 5.00
Mignonette	4 00 to 8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum, per 100,	1.00
Ferns, per 1000,	2.00 to 2.50
Galax "	1.00
Boxwood Sprays, per bunch	.35
" " per 50-lb. case,	$7.50
Wild Smilax, case	$3.00, $4.00, $5.00

Subject to change without notice.

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WILD SMILAX

LARGE SUPPLY CONSTANTLY ON HAND.
FINE QUALITY. LARGE CASES ONLY.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 **CHICAGO**

BOMBAYREED Window Boxes AND Jardinieres



are the best on the market; largely handled by leading florists. We want YOU to know our full line. YOU can use it. Prices low and inviting.

Write today for sample, price list and interesting catalogue—all sent prepaid.

Bombayreed Mfg. Co.
Columbia, S. C.

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known and loved and all unite in the hope of his return to health and activity in the floricultural field.

Society Meetings.

Monday, February 11, the next meeting of the New York Florists' Club will be held in the Grand Opera house. The club's bowling enterprise and the home for the members, with all the other points of interest referred to in President Totty's inaugural, will be considered and many of them acted upon. Some fine exhibits of novelties in carnations are expected and anything of value in plant or flower will be welcome. The annual dinner will be held at the St. Denis hotel. As usual, the stipend will be $5, and the attendance should go over 100 with the membership the club now enjoys. The date is Saturday evening, February 23, and the committee promises something out of the ordinary in both flow of soul and feast for the inner man that ought to give value received to all who attend.

This week two horticultural societies celebrate with dinners that should draw full houses: Glen Cove on Thursday and Orange on Friday. Later on the big dinner at Poughkeepsie will close the festivities in this section for the season.

The rose convention, at Washington, in March, is already interesting the growers, and under Messrs. Simpson's and Hammond's enthusiastic management a great success is already assured.

On Thursday of this week, at the American Institute in this city, the second annual convention of the National Association of Gardeners will be held. A large attendance is looked for and the program is an interesting one to every member of the profession. President Hunter will have charge of the exercises. John Shore, of Harrison, N. Y., will speak on "The Maintenance of the Dignity of the Gardeners' Profession." James Logan, of Elberon, N. J., will discourse on "Scenical Planting." Charles Dumper, of Bay Shore, will talk on "Forcing Figs, Peaches and Nectarines." John T. Withers, of Jersey City, N. J., will speak on "Tree Surgery;" Samuel Scott, of Pride's Crossing, Mass., on "Herbaceous Plants," and J. P. Sorenson, of Stratford, on Thursday evening, will speak on "Grapes Under Glass."

Various Notes.

C. H. Totty was in the city Saturday and his suggestion as to an afternoon bowling club for the New York florists meets with general approval. This arrangement suits the convenience of the

VIOLETS

For St. Valentine's Day

We are handling the finest Rhinebeck doubles and the best fragrant, home-grown singles. Place your St. Valentine's orders with us. We are headquarters.

....CARNATIONS IN LARGE SUPPLY.....

VAUGHAN & SPERRY,

58-60 Wabash Ave., CHICAGO.

CURRENT PRICES

BEAUTIES	Per doz.
36 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	6.00 to 12.00
Chatenay	6.00 to 15.00
Killarney	8.00 to 15.00
Roses, our selection	5.00
CARNATIONS	2.50 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
" single	.75 to 1.00
Harrisii Lilies, doz., $2.00 to $2.50	
Callas " 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	4.00
Jonquils	5.00 to 6.00
Sweet Peas	1.00 to 1.50
Tulips	4.00 to 5.00
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum, per 100,	1.00
Ferns, common, per 1000,	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood, 50-lb. case,	7.50

Prices Subject to Change Without Notice.

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WE ARE HEADQUARTERS FOR

CARNATION BLOOMS

In Cincinnati.

Other Cut Flowers in season.

GREEN GOODS, SPHAGNUM and GREEN MOSS, WIRE WORK for Florists.

Place your order now for **Begonia Gloire de Lorraine**, 2¼-in. pots, June delivery. $12.00 per 100; $100.00 per 1000.

CARNATION CUTTINGS,

Rooted or Unrooted.

Send a list of your wants for prices.

WILLIAM MURPHY,

Wholesale Commission Florist,

128 East Third Street, CINCINNATI, O.

L. D. Phones—M 980. W 81 Y

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Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stem	$6.00
30-inch	4.00
24-inch	3.00
20-inch	2.50
18-inch	2.00
15-inch	1.50
12-inch	1.25
Short	$ .75 to 1.00
	Per 100
Maid and Bride	$6.00 to $12.00
Uncle John	6.00 to 12.00
Chatenay	6.00 to 12.00
Liberty	6.00 to 12.00
Richmond	6.00 to 12.00
Sunrise	6.00 to 12.00
Perle	6.00 to 8.00
Golden Gate	6.00 to 12.00
Killarney	8.00 to 15.00
Ivory	6.00 to 12.00
ROSES, our selection	6.00
Carnations	3.00 to 4.00
Valley	4.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas, per doz.	2.00 to 3.00
Harrisii "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	2.00
Galax "	1.00

Mention The Review when you write.

Wietor Bros.

51 Wabash Avenue,

CHICAGO

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stems	6 00
30-inch	4 00
24-inch	3 00
20-inch	2 50
18-inch	2 00
15-inch	1 50
12-inch	1 25
Short	$0 75 to 1 00
	Per 100
Maid and Bride	$6 00 to $12 00
Uncle John	6 00 to 12 00
Chatenay	6 00 to 12 00
Richmond	6 00 to 12 00
Perle	6 00 to 8 00
Golden Gate	6 00 to 12 00
Killarney	8 00 to 15 00
ROSES, our selection	6 00
Carnations	3 00 to 4 00
Valley	4 00 to 5 00
Violets	75 to 1 00
Paper Whites	3 00 to 4 00
Romans	3 00 to 4 00
Stevia	1 50 to 2 00
Callas, per doz.,	2 00 to 3 00
Harrisii "	2 00 to 3 00
Asp. Plumosus, bunch,	50 to 75
Ferns, per 1000,	2 00
Galax "	1 00

Mention The Review when you write.

majority and, with the club back of it to give it prestige and strength, there is no question as to its success. A team will be ready to beard the Philadelphia lion in his den and there is no reason why New York should stay down in the discard year after year with the splendid bowlers it already possesses. President Totty has fully recovered from the grip.

Joseph Fenrich handles 500 white violets daily from one of his Rhinebeck growers.

James Coyle, lieutenant at H. E. Froment's, fell on the icy pavement last Sunday and badly sprained his hand.

The victims of the grip are all convalescing. The colder weather has made recovery possible. A few more weeks of slush and rain and the trade might as well go out of business. We need the clear skies and zero weather of Toronto to make life worth living. Every visitor from New York was refreshed and benefited by that glorious climate.

Thomas Young, Jr., has the Vanderhoff wedding at St. Bartholomew's church and at the house on February 6. Geo. M. Geraghty promises some unique decorations. That other artistic Denverite, J. A. Valentine, will be here to look it over.

Emil Glauber and N. A. Benson, of Denver, are in town this week.

Leuly, the bicyclist florist of West Hoboken, rode to Toronto on a Pullman, the first convention he has not "biked" to in a generation. But he dreamed he was riding, Boehler says, all night, and the worn-out blankets looked like it in the morning.

Mr. McConnell, manager for L. M. Noe, is confined to his room with a severe cold and grip. This disease has become almost as fashionable as appendicitis.

The Toronto delegates from New York are all back home safe and sound with none of the evidences of Admiral Dewey's kind of a time in sight. In fact, the assertion is freely made that a quieter, happier, more peaceful excursion was never experienced by any New York conventionists since carnations were conventionized.

J. Austin Shaw.

Lowellville, O.—Ralph Erskine suffered considerable loss by wind January 21. Quite a bit of glass was broken and part of the greenhouse moved from the foundation.

FINDLAY, O.—J. J. Waaland lost about twenty-five panes of glass and some stock by frost in a recent storm.

SPRINGFIELD, O.—The Fairview Floral Co., of Beattytown, has secured the order for bedding for the lawn at the county buildings on a bid of $84.

HUTCHINSON, KAN.—John Stamm has enjoyed an increase in business of forty per cent over last season. Next summer he intends to add about 3,000 feet of glass to his plant.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—As working foreman by a practical grower and propagator of roses, carnations, mums and general stock; capable of managing a large place; good wages expected; references O K. Address No. 54, care Florists' Review, Chicago.

HELP WANTED—Wire worker; good position, best wages. Address Pittsburg Florists' Exchange, 15 Diamond Square, Pittsburg, Pa.

HELP WANTED—Steady, sober man; must be good grower of carnations and general stock; $30 with board. Address Anton Krut, Butler, Pa.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Manager for greenhouse and store; handling plants and cut flowers; state in first letter experience and salary expected. Address Hyde Park Floral Co., Austin, Texas.

HELP WANTED—First-class carnation grower at once, for modern place; if not up-to-date don't answer; state wages expected. Address Miami Floral Co., Geo. Bartholomew, Mgr., Dayton, Ohio. R. R. No. 11.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—Vegetable gardener; must be experienced, thoroughly competent and sober; single man preferred; state age, experience, and wages required; we furnish board and laundry. Address The Oxford Retreat Co., Oxford, Ohio.

HELP WANTED—An unmarried man who is well recommended, and has full knowledge of growing roses, carnations and mums; position in the south on large wholesale place; give reference and terms in first letter. Address No. 53, care Florists' Review, Chicago.

HELP WANTED—A competent florist with practical experience, capable of taking charge of a commercial place; will divide profits of business for his work and experience; steady, sober man; state reliable reference. Address No. 50, care Florists' Review, Chicago.

HELP WANTED—An experienced nurseryman, familiar with all kinds of ornamental stock, some knowledge of landscape work and accustomed to managing men; give full particulars and state salary expected. Address No. 49, care Florists' Review, Chicago.

HELP WANTED—Working foreman to take charge of 35,000 feet of glass devoted to cut flowers and plants for retail trade; must be specialist in cut flowers; men of roving disposition need not apply; give references (stating length of service with each employer), and state wages in first letter. Address South Bend Floral Co., South Bend, Ind.

WANTED- 1000 or 2000 feet 2-inch pipe, good second-hand; also No. 5 or No. 6 Kroeschell boiler, second-hand. Address No. 33, care Florists' Review, Chicago.

WANTED TO RENT — After Easter, greenhouses, about 15,000 square feet glass, with from two to five acres of ground; must have good water and soil; for a term of three to five years, with option of buying within that time; state full particulars. Address No. 39, care Florists' Review, Chicago.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $35.00 a month. Address No. 5, care Florists' Review, Chicago.

WANTED TO RENT—5000 feet of glass or more; New England, Maine preferred; March or April. Address No. 51, care Florists' Review, Chicago.

FOR SALE—Cut flower business, greenhouse and residence; water heat. 148 W. 24th St., near Western Ave., Chicago.

FOR SALE—An attractive flower store in good location; large, sunny living rooms; just the place for man and wife. Address No. 52, care Florists' Review, Chicago.

FOR SALE—Heller seed case, good as new, 11 inches deep, 28 inches wide, 55 inches high; contains 57 metal drawers; price $15.00 crated; cost $30.00. H. F. Drury, Galesburg, Ill.

FOR SALE—Denver, Colo., wholesale florist business; 7 greenhouses, 12 lots, in first-class condition; write at once for particulars. W. C. Walter. 448 Josephine St., Denver, Colo.

FOR SALE—McCray florist refrigerator, No. 675; length, 60 inches; depth, 31 inches; height, 74 inches; used four weeks last spring; change in store location put it out of business. Address R. D. Backus, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Five new greenhouses, containing 20,000 square feet of glass, in operation one year; four hours from Pittsburg, Cleveland, Erie and Buffalo; good central location For particulars, write Henry F. Michell Co., Philadelphia, Pa.

FOR SALE—Greenhouse; 4000 feet of glass, 7-room residence, barn, three lots for summer work; city water and sewer connections; natural gas for fuel (no night fireman); cut flower trade in city of 1200. Address Iola Greenhouse, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Greenhouse plant—40,000 square feet in good order, steam heat; abundant water supply; brisk wholesale trade, stocked with roses, carnations, sweet peas, smilax and bedding stock; will be sold without farm land—20 acres—if so desired; outside city boundary; taxes are small; modern eight-room house, good cellar, barn and all buildings in good order; located conveniently to Albany, Troy and Schenectady; good reason for selling; trolley line passing. For information write to P. O. Box 486, Troy, N. Y.

FOR SALE—Greenhouse plant, consisting of two houses 20 x 150, work-room 15 x 60, residence of six rooms, farm and outbuildings, 3½ acres of ground, part in fruit-bearing trees; houses built in last two years; steam heat, 50 horse-power boiler; season's coal supply on hand; stocked with carnations, roses and bedding plants; doing fine business; splendid chance for honest man; direct route to large cities; reason for selling, wife's health requires change; possession given at once; price $5,500. Address No. 38, care Florists' Review, Chicago.

FOR SALE—22,000 square feet of glass, consisting of four houses 60 x 220, 100 x 28, 100 x 18, 100 x 10, and boiler house 16 x 20; water free with a gasoline pumping engine; houses are in good repair and well stocked; this place is 60 miles from Philadelphia, Pa., and 78 miles from New York City; there are 9½ acres of ground to the place; carnations are a specialty with a general line of other stock; situated in a city with 40 000 inhabitants, trade good and the store sells everything that is grown; reason for selling, the owners have other business interests; place can be bought for $7000, terms $3000 cash, balance to suit the purchaser. For further information address No. 55, care Florists' Review, Chicago.

FOR SALE

Greenhouse plant of 25 000 feet of glass; an up-to-date place, heated by steam and cheap fuel; the houses are in good condition, well stocked with everything for wholesale and retail trade; also Flower and Seed Store with fixtures, seven-room house and eight acres of land; if desired, will sell half interest or lease the plant for term of years. This is an excellent opportunity and is worth investigating. Address No. 48, care Florists' Review, Chicago.

FOR SALE

On account of ill-health I will sell my place of 7000 feet of glass for $5.000.00, three-fifths cash, balance at 6 per cent interest. The houses are well stocked and doing a good business. Potting shed, new barn, five-room cottage, cave, good well, city water, electric light, 50 sash, tools, delivery wagon, etc. Two blocks from paved street, in one of the best towns of 6000 in North Missouri. Address C. H. Hollied, Maryville, Mo.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY

FOR SALE!

Wire Design Factory

An established florists' wire design manufacturing business, located for the central and western trade. Address No. 9, care Florists' Review, Chicago.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. KROESCHELL BROS. CO.
51 Erie Street, Chicago

DISSOLUTION NOTICE

ONARGA, ILLINOIS, Dec. 31, 1906.

The partnership agreement heretofore existing between L. J. Risser and Ludvig Mosbaek, under the firm name of Ludvig Mosbaek, is hereby dissolved by mutual consent. All debts owing to the firm of Ludvig Mosbaek and all debts owing by the firm have been assumed by the new business, which will be continued under the name of the Mosbaek Greenhouse Company of Onarga, the Iroquois Canning Company, of which Mr. L. J. Risser is President, succeeding to the business.

L. J. RISSER.
LUDVIG MOSBAEK.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 10, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, $2.50 per case. The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

CALDWELL THE WOODSMAN DECORATING CO., -- -- EVERGREEN, ALA.

Mention The Review when you write.

WILD SMILAX Always on Hand

C. A. KUEHN, 1122 Pine St., St. Louis, Mo.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

HEADQUARTERS FOR

Hardy Cut Greens and Florists' Supplies



FANCY AND DAGGER FERNS, fine quality, $1.50 per 1000.

NEW CROP BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000; $7.50 per case of 10,000.

SOUTHERN WILD SMILAX, $3.50 and $7.00 per case.

LAUREL FESTOONING

Good and full, 5c and 6c per yard.

BRANCH LAUREL, 50c per bunch.

LEUCOTHOE SPRAYS, $1.00 per 100.



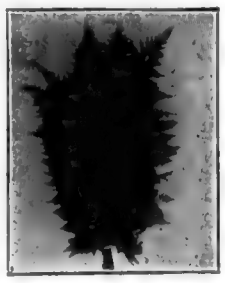
SPHAGNUM MOSS, 50c per bag; five bags, $2.00. **GREEN MOSS,** $1.00 per bbl.

FLORISTS' SUPPLIES—A full line of Florists' Supplies, Wire Frames, Corrugated Boxes, Cut Flower Boxes, Immortelles, Cycas Leaves, Sheaves of Wheat, Tin Foil, Cut Wire, etc.

HENRY M. ROBINSON & CO.

Tel. 2617-2618 Main. 15 Province St., 9 Chapman Pl., Boston, Mass.

Mention The Review when you write.



Extra fine FANCY and DAGGER **FERNS** $1.75 per 1000.

Discount on large orders.

BOXWOOD, 20c per lb.; 50 lbs., $8.50. GALAX, Bronze and Green, $1.25 per 1000. LEUCOTHOE SPRAYS, $1.00 per 100; $7.50 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.

38-40 BROADWAY, DETROIT, MICH.

Mention The Review when you write.



FERNS

Largest stock of any dealer in the trade.

Fancy, $1.25 per 1000

Dagger, $1.00 per 1000

ROBERT GROVES

ADAMS, MASS.

Mention The Review when you write.

Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per lb.....15c Per case.....$6.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00

Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist

36 East Third St., CINCINNATI, OHIO

Mention The Review when you write.

TWIN CITIES.

The Market.

The cold weather all last week hurt business considerably. January 22 the thermometer registered 22 degrees below zero and it remained around the zero mark all the week. All that was done was on funeral work. With some this was quite heavy; but it was not enough to make up for the slow sales in cut flowers.

Stock remains high in price and will do so until our growers begin to cut something. The prospects are good, as the sun is now shining.

Some difficulty was experienced by the late arrival of trains during the week, and a few good funeral orders were lost on that account.

Good roses are difficult to obtain; consequently carnations and bulb stock have been more in demand. A good number of the early varieties of tulips and daffodils are handled, also violet sales have been quite active.

St. Paul.

William Swanson, of Haugan & Swanson, was bitten by a mad dog and some anxiety was felt as to the outcome; as the teeth did not come in direct contact with the flesh the physicians here do not anticipate any serious trouble.

E. F. Lemke has been cutting some fine single violets, which he has disposed of without the least trouble, and what he could not sell in his store were readily taken by other dealers.

Otto Hiersekorn has been favored with some large orders for funeral designs.

August S. Swanson's store in the Endicott arcade is a profusion of bulb stock which is reported to sell well.

The Seeger Floral Co. says that the demand is brisk, but it is very difficult to get the proper kind of stock.

Caller this week: Joseph Marks, representing A. L. Randall Co., Chicago.

FELIX.

DETROIT.

The Market.

Business remains good. The weather has been more favorable for flowers for the last week, but not long enough to noticeably affect the market. Many orchids, valley, etc., were used for the funeral of the late Senator Alger.

Roses are almost all gone; where hundreds were formerly seen you now can nearly count them on your fingers. Carnations keep well cleaned up. The prices run from $2 to $4 per hundred for some extra fine white. Calla lilies are quite plentiful, but Harrisii are not. Some good bulbous stock is arriving daily.

Carnation Night.

The Detroit Florists' Club has made arrangements to hold a carnation exhibition Wednesday evening, February 6. Introducers of novelties are hereby requested to send same, at the club's expense, care of the Michigan Cut Flower Exchange, 38 to 40 Broadway, Detroit, Michigan.

These monthly shows of the club attract all the growers in this vicinity, and anyone having any novelty should take advantage of this opportunity.

Various Notes.

Albert Pochelon was laid up for several days with a severe attack of the grip.

Mr. Smith, as a representative of W. J. Boas & Co., is distributing pencils

"Green Carnation Fluid"

Get ready in time before it is too late. Our fluid has no bad effects on the Carnation, no fermentation, no waste, goes twice as far.

Gratifying references from users. It is a Great Novelty and advise early ordering. Please don't wait until too late to fill your order. **QUART BOTTLES, $1.00.** Write today; this advertisement may not appear again.

NATURAL GREEN CO., 1105 Walnut St., Kansas City, Mo.

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Very Best Quality Bronze and Green Galax Leaves $6.00 per case 10,000

Beautiful Bronze Leucothoe Sprays..$0 60 per 100
" Green " " .. .50 per 100
Rhododendron Sprays, very choice... 1.50 per 100
Fancy and Dagger Ferns.....$2.00 per 1000
I guarantee all stock satisfactory.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy.....70c per 1000
Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

COMING Get Ready for ST. PATRICK

Emerald Green Coloring, the best for Carnations. Ready for use, $1.00 per quart.

Manchester Chemical Co.

2804 Manchester Ave., ST. LOUIS, MO.
Phones, Kinloch, Central 5313; Bell, Beaumont 84
or C. A. KUEHN, 1128 Pine St., St. Louis, Mo.

Mention The Review when you write.

marked "Box Markers for the Purveyors of the Sweets of Nature."

George Browne and Alexander Common were the only Detroit delegates at Toronto. Both were well pleased with the show. Mr. Browne has promised to tell all about it at the meeting February 6.

The Board of Directors of the Michigan Cut Flower Exchange have elected officers as follows: President, Philip Breitmeyer; vice-president, William Dilger; second vice-president, Fred Breitmeyer; secretary and treasurer, Robert Rahaley.

Many going to and from Toronto passed through and stopped off at Detroit. Among them were: J. A. Valentine, N. A. Benson, Emil Glauber, Denver, Colo.; J. A. Evans, Richmond, Ind.; Mr. and Mrs. J. A. Peterson, Cincinnati, and the Poehlmann brothers, Chicago.

A party of western florists, mostly from the Windy City, stopped off at Detroit on the return trip from Toronto. The party made a flying trip to Mount Clemens as Fred Breitmeyer's guests.

Several of the retailers worked overtime on work for the funeral of the late Senator R. A. Alger. John Breitmeyer's Sons made an elaborate G. A. R. badge, as well as many beautiful wreaths. Schroeter's used many orchids of different varieties. Something like twenty designs, mostly wreaths, arrived from Washington, but all had suffered from frost. H. S.



Fancy or Dagger Ferns
$1.25 per 1000.

Galax, Bronze or Green
75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases, $8.50.
LAUREL FESTOONING, 4c. 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.

ALSO DEALER IN

Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

SPHAGNUM MOSS AND PEAT

We will ship on receipt of $2.10 one 10-bbl. bale of selected moss, or for $2 60 we will ship one 10-bbl. bale of selected moss and one bbl. sack of our peat as samples, showing the quantity and quality of our goods. We have a large lot of new selected moss on hand and best grades of peat. Our prices are low Before placing your order elsewhere write for prices

AMERICAN MOSS AND PEAT CO.
Corlis Bros., Props., Waretown, N. J.

Mention The Review when you write.

GALAX, GREEN AND BRONZE
LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

Always mention the Florists' Review when writing advertisers.

Vegetable Forcing.

PLEASE send the REVIEW the names of those in your vicinity who grow vegetables under glass.

THE grower of cucumbers under glass is always ready to try a few seeds of any special strain. His purchase of the same stock in quantity for the following season naturally depends on the result.

VEGETABLE MARKETS.

CHICAGO, Jan. 30.—Cucumbers, $1.50 to $1.75 doz.; lettuce, 25c to 35c case; mushrooms, 50c to 60c lb.; hothouse tomatoes, 25c to 35c lb.; radishes, 35c to 45c doz. bunches.

BOSTON, Jan. 29.—Mushrooms, 50c to 75c lb.; rhubarb, 12½c to 15c lb.; parsley, $1 to $1.25 box; tomatoes, 25c lb.; cucumbers, $4 to $13.50 box; lettuce, 50c to 75c doz.; romaine, 75c to $1 doz; escarolle, 75c to $1 doz; radishes, $1.25 to $1.50 box. Trade is affected by the severe weather and is only moderate.

NEW YORK, Jan. 28.—Cucumbers of fancy quality are still scarce and would bring pretty good prices, but the market is dull for medium and ordinary qualities. Lettuce also shows irregular quality; very fancy headed stock would exceed quotations. Mushrooms steady. Other kinds quiet and unchanged. Cucumbers, fancy, $1.25 to $1.75 doz.; No. 2, 75c to $1 doz.; lettuce, 25c to $1 doz.; mushrooms, 25c to 75c lb; mint, 50c to $1 doz. bunches; radishes, $3.50 to $4 per 100 bunches; parsley, 15c doz. bunches; tomatoes, 15c to 30c lb.; rhubarb, 40c to 60c bunch.

ENGLISH FORCING STRAINS.

Watkins & Simpson, London, England, write in part as follows under date of January 12:

"We are considerably interested in a paragraph on page 433 of the issue of the REVIEW for December 27, where it is said that there is a large trade to be done in forcing strains of lettuce, etc., by one who establishes a reputation for first-class strains. We may say that we are having a crusade here in England to try and induce the English people to take up the Parisian methods of forcing vegetables. We noticed in an issue of a few weeks ago that these forcing lettuces, etc., were largely grown in the States, and we intended to have written you, but we have been so extremely busy, as usual at this time of the year, that we have not been able to. However, your little note brings the matter in front of us again.

"We may say we have some of the finest strains for this class of work that are to be obtained. The lettuces that we offer are specially adapted for either coldframe or greenhouse work, and the Early Six Weeks cauliflower is the finest cauliflower for forcing that we know of. It may be had in any time of the year six weeks after planting out. We think we may say that we supply more forcing frame cucumber seed than any other firm, as we devote ourselves specially to a market gardening trade, and seeds for market gardeners must be exceedingly good."

TOMATOES, BEANS AND BEETS.

I want to build a house 12x60 for tomatoes. Would a wall four feet high be high enough for a bench, or will the plants do better on a raised bed? Can beans and beets be grown under glass?

C. J. J.

In a house as narrow as twelve feet a wall four feet high would not be high enough for a raised bench, as it would give your plants very little head-room. The plants could, of course, be carried over on a line with the roof a foot or more away from the glass, but trained that way only two rows could be accommodated, and your house would be pretty well shaded by the foliage. A tomato plant will fruit much better with the roots confined, so that the solid or raised bed is not the most suitable place for them.

I think your best plan would be to grow them in boxes. Make these about one foot wide and nine or ten inches deep and any length you desire. They could be made continuous for the whole length of the house, or in lengths that could be easily moved around. Set the plants about fourteen inches apart in the boxes.

With a good light house four rows of plants could be grown without the one shading the other much if they were trained to upright trellises. The height of your plants would, of course, be regulated by the height of your house and they would have to be stopped before they reached the glass. The two outside rows would not have as much headroom as the two in the center of the house; but if you have an east and west house it may be best to stop them all about an even height, so that the center rows would not shade the back row. If it is a north and south house it will be all the better for your plants, as then the light will strike on both sides of the rows some part of the day and give them all an equal chance.

Beans, and I presume you mean string beans, can be successfully grown under glass; but they require a minimum temperature of 60 degrees. Probably this is where you have failed. A raised bench is best for their cultivation, one that will accommodate about five inches of soil. This should be of good quality and fairly well enriched with well decomposed manure. We have found the Mohawk variety a suitable one to grow. The most troublesome part of their cultivation is the getting of the beans up. They are apt to rot in the soil unless this is only moderately moist at planting and water is withheld until they show well above the soil. After they are well up they need quite a little water, but at no stage of their growth should the soil be kept too wet.

We plant the beans about three inches apart in rows across the bench, the rows being about twelve inches apart. After the plants are about six inches high we pull a little soil around them from either side. This encourages them to make roots around the neck of the stem, and, as the soil is highest around the plants, insures against their being too wet immediately around the stems. Some sort of support is necessary to keep the plants erect and prevent the one row from falling over on the other. For this purpose there is nothing better than light pieces of brush set along each side of the row. Light brush will give no shade and give all the support that is needed.

It is not good policy to grow beans in the same house with tomatoes, as here the white fly may prove troublesome. Grown apart from tomatoes they

CAULIFLOWER SEED

Earliest Dwarf Erfurt

The earliest and best variety in existence for either forcing or open ground. We hold a tested stock of exceptionally high germinating power. All we guarantee to be 1906 crop. **$7.00 per pound.** Mailed free on receipt of cash by International P. O. O.

C. S. DANIELS & SON
WYMONDHAM, NORFOLK, ENGLAND

Mention The Review when you write.

FARQUHAR'S PERFECTION

FORCING CUCUMBER

A much improved strain of White Spine, long, smooth, rich green, robust, 10 days earlier than the old strains and more productive. Unequalled under glass. Pkt., 25c; ¼ oz., 35c; oz., $1; ¼ lb., $3, lb. $10. Write for complete catalogue.

R. & J. FARQUHAR & CO., BOSTON, MASS.

Mention The Review when you write.

Walters' Improved Telegraph Cucumber

the finest flavor and most prolific grown; as supplied to the largest English growers; disease unknown; per oz., $4.00; price per lb. on application.

A. A. Walters & Son, Bath, England

Mention The Review when you write.

Vegetable Seeds

Prices to Market Gardeners

	¼-lb.	lb.
SPECIAL CUCUMBERS		
Landreth's extra early W. Spine	40c	$1.00
Extra early Arlington W. Spine	50c	1.25
Landreth's extraordinary W. Spine	60c	1.50
Landreth's Long Green Gherkin	60c	1.50
SPECIAL LETTUCE		
Landreth's forcing, heading	65c	1.80
May King, heading	70c	2.00
Virginia Solid Header	$1.00	2.50
SPECIAL RADISHES		
Wonderful Halflong Red	30c	.80
Landreth's White Box	25c	.60
Extra Early Scarlet White-tipped	20c	.60
Bloomsdale Spinach	20c	.40
Moss Curled Parsley	20c	.40
Landreth's Earliest Tomato	$1.25	4.50
Spark's Earliana Tomato	1.10	3.00
Landreth's Red Rock Tomato	1.00	2.75

Cash with order. Postage paid.
Send for complete list.

LANDRETH SEED CO., BRISTOL, PA.

Mention The Review when you write.

Hothouse Specialties

Our Mr. Rawson being one of the largest growers of Vegetables under glass in this country, we have developed many special strains, including:

Rawson's Hothouse Cucumber

which we confidently believe superior to any other on the market; 60c per oz.; $1.50 per ¼-lb.; $5.00 per lb.

RAWSON'S SCARLET CONICAL RADISH

Best for forcing; many largest growers use it exclusively. Brilliant scarlet, conical, short-topped, remarkably uniform, tender, crisp; 90c lb.; 10 lbs., $8.00; 100 lbs., $75.00.

These and many other specialties fully described in our Market Gardener's List for 1907, just issued. Sent free on request.

W. W. RAWSON & CO., 5 Union St., Boston

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

SPECIAL STOCKS OF SEEDS

FOR EARLY FORCING in Frames or Greenhouses

ALL FOR IMMEDIATE SOWING AND FOR SUCCESSION DURING THE WINTER.

CAULIFLOWER, Early Six Weeks.
This is a very superb stock of Cauliflower, used entirely for early frame work. Fine white flowers can be cut six weeks from time of planting out, can be grown either in frames or in the open as soon as the weather permits. Splendid white heads of fine quality.....Per lb., $8.00

CARROT, W. & S. Early Frame.
Very early, for sowing in frames at the same time that the early Lettuces are planted out. It is very quick in making and can be pulled very early.....Per lb., .75

CARROT, W. & S. Early Forcing.
Very fine Carrot for early sowing, a little later and larger than Early Frame. Splendid color.....Per lb., .75

CARROT, Nantes Selected.
Especially saved for frames. It follows on after the Early Frame and Early Forcing.....Per lb., .60

CUCUMBER, Covent Garden Favorite. (Disease resisting.)
The most prolific, quick growing Cucumber in existence. Slightly spined.....Per oz., 7.00

CUCUMBER, Telegraph.
Specially grown for market work. Grand prolific stock, very short collar, fine shape.....Per oz., 3.00

LETTUCE, CABBAGE, Early Cold Frame.
This delicate-leaved Lettuce is for use in frames for early work only, and produces the early Lettuces for which the French are so much renowned.....Per lb., 2.50

LETTUCE, Vaux's Self-folding Green Cos.
Fine green color, splendid variety for keeping all the winter in frames and then planting out in early Spring.....Per lb., 1.75

LETTUCE, Cos Early Green Forcing.
This is Cos Lettuce which forms itself very quickly and is admirably adapted for growing either in frames or under cloches. It does not grow so high as the usual varieties of Cos, and we strongly recommend it. Very early for ordinary growing out of doors.....Per lb., 2.50

RADISH, RED TURNIPS, Forcing.
Special quick early stock, good bright color.....Per lb., .40

RADISH, Early Forcing Frame.
Special stock for use in frames only, grows very little top, olive-shaped, bright scarlet color with white tip.....Per lb., .40

TURNIP, Early Long White Frame.
Very fine stock of very early long white turnip for frame work only.....Per lb., .75

WATKINS & SIMPSON, SEED MERCHANTS, 12 Tavistock St., Covent Garden, LONDON, ENG.

Mention The Review when you write.

Vegetable Growers should
Send 5 Dollars
for a swivel wheel and 20⅛-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself the **Wittbold Watering System,** or send for circular of testimonials.
Louis Wittbold, 1708 N. Halsted St., Chicago

A BED OF MUSHROOMS

Raised from our Spawn, will **bear longer** and **yield better** than from any other variety of Spawn. This is proven by facts. Full particulars and information how to succeed in mushroom raising free. We warrant you if using our method of growing mushrooms that all will go well.

KNUD GUNDESTRUP & CO., MUSHROOM SPECIALISTS, 4273 Milwaukee Ave., CHICAGO

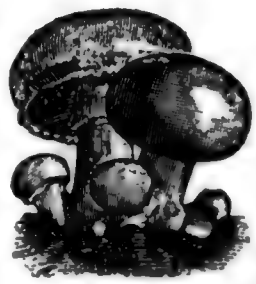
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VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.
LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.
PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.



Lambert's Pure Culture
Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on "Mushroom Culture" mailed free on application.
American Spawn Co.
St. Paul, Minn.

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Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

are not apt to attack the beans; but grown in the same house, if any are on the tomatoes, they will get from them onto the beans and prove a source of endless annoyance. The only other insect pest that is apt to put in its appearance is red spider. But if the atmosphere of the house is kept moderately moist, after the plants are well advanced in growth, there is little danger of their getting a foothold.

Beets we have never grown extensively as a greenhouse crop, as there is not enough money in them to make it profitable. They can be grown, however. A bench is the most suitable place for them, and a rather light soil the best. A night temperature of 50 degrees is high enough. They are best sown in rows and thinned out to two inches apart. Crosby's Egyptian is a good variety for the purpose, as it is one of the earliest and does not make a large top. W. S. CROYDON.

FOR THE MARKET GARDENER.

O. G. Bishop, of Pontiac, Mich., speaking on "Fifteen Minutes with a Market Gardener," before the Western New York Horticultural Society, said in part:

"The demand for quality is increasing fast. The public is becoming discriminating, and I'm glad of it. It gives the progressive grower a decided advantage over the other fellow. The critical trade is the one to cater to; they'll pay the price.

"Not long ago I was in Chicago on their market and the sloppy manner in which their vegetables were brought in was disgusting. I was really ashamed to say I was a gardener. And the prices they got were in accord with the quality of their stuff. You can't take too much pains to have your truck right. Grow the best varieties in the best way you can, and then have them look their best when ready to sell.

"Teach your dealers that you are absolutely honest with them. Don't try any tricks. If your stuff is fine, say so; if only fair, say so; if not good, don't take it; and above all things, have one price for all of them. Don't cut; if you do you will have that man thinking you cut to someone else. Don't give more than a bushel, but give that, and be regular. Don't be afraid to ask a price. Don't be cheap; that won't draw trade. If you are sure to be there with goods of the right quality you can get the price."

The Cleveland Seed Co.
AVON, N. Y.
Growers of..... **FANCY PEAS AND BEANS**
for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.
Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.
Mention The Review when you write.

D. V. BURRELL, Grower of
Special Strains of Melons and Cucumbers
Three of my specialties are the Burrell Gem Cantaloupe, Burrell's Thoroughbred Rocky Ford Cantaloupe and Burrell's Klondike Cucumber. Contract orders solicited.
Address, D. V. BURRELL, A 11, Rocky Ford, Colo.
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.
Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

REPORTS in general state that the trade from the catalogues so far mailed is not up to expectations.

H. F. MICHELL, Philadelphia, has returned from Florida. All the Philadelphia seedsmen report the season opening well.

VISITED CHICAGO: E. M. Parmelee, of John H. Allan Seed Co., Sheboygan; John Bodger, of Bodger & Son, Santa Paula, Cal.

THE Burpee wholesale list, dated January 21, lists Southport White Globe onion at $2.75 per pound, or $260 per hundred pounds.

THERE is always a delay in getting sweet corn forward in proper time, but this year the delay is worse than ever. A shortage of cars has much to do with it, they say.

IN the wholesale catalogues the prices of onion and radish seed are well advanced over last year. The tendency to get values where they properly should be is a good sign.

THERE has been a brisk demand for tomato seed this season. The canners are making preparation for a banner pack in 1907. The outlook from the seedsmen's standpoint, as far as the canners' trade is concerned, seems bright at present and for another season at least.

ONION set prices are holding up stiff. January shipments are going out in first-class shape and the outlook for spring business is bright. Inquiries from all sections are arriving daily and a slight advance over a preceding quotation is stood for and orders booked accordingly.

H. E. SHAWVAN, traveling salesman for D. M. Ferry & Co., Detroit, met with a peculiar accident while eating his dinner at a hotel at De Kalb, Ill., the other day. While masticating a piece of chicken a bone became lodged in his throat and could not be removed without the aid of a surgeon.

THE market gardeners and other onion growers who have quantities of marketable onions started are getting anxious to know what the prospect for getting rid of them is going to be. If an advance in the price of this article should develop it would cause a hustle for seeds. The market price for onions in the spring exerts a great influence upon the amount of seed wanted for a coming year's crop.

THE seed trade is preparing to attend the coming annual convention of canners to be held at Buffalo, N. Y., the week of

SEEDS WHICH SUCCEED
THIS MEANS THAT **LANDRETH'S SEEDS** GROW AND ARE GOOD
ADDRESS: BRISTOL, PA.
Mention The Review when you write.

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

LEONARD SEED CO.
Growers and Wholesalers of Superior Garden Seeds
Seedsmen and Florists Supplied at the shortest notice and at right prices.
Our Catalogues are now ready and are mailed upon request.
Flower Seeds—Onion Sets 79 East Kinzie St., 145 W. Randolph St., CHICAGO
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.
The Everett B. Clark Company
MILFORD, CONN.
East Jordan, Mich. Sister Bay, Wis.
We are now writing growing contracts for
PEAS AND BEANS
which we grow in both Michigan and Wisconsin.
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.
Mention The Review when you write.

C. C. MORSE & CO.
Seed Growers
171-173 Clay St., SAN FRANCISCO, CAL.
Onion, Lettuce, Sweet Peas
and other California Specialties

Gill Seed Co.
SEATTLE, WASH.
Growers of
PUGET SOUND
CABBAGE SEED
Mention The Review when you write.

TO THE TRADE
We desire to announce that because of the heavy and continuous rains, our planting has been delayed so that the writer was not able to leave for the east as early as had been expected. He hopes, however, to get away about the end of this month and will advise the trade later when he expects to call.
A. J. PIETERS SEED CO.
A. J. PIETERS, President and Gen. Manager
HOLLISTER, CAL.
Mention The Review when you write.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon
Squash, Watermelon, Sweet Corn
We are now booking orders for 1907 fall delivery. Send for contract prices; also surplus list.

Always mention the Florists' Review when writing advertisers.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

——HEADQUARTERS FOR——

Cauliflower and Tripoli Onion Seed

(Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

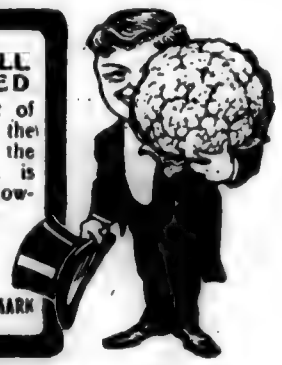
Ask for Our Wholesale Catalogue.

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

CAULIFLOWER SEED

CABBAGE

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only. 12 Stormgade, COPENHAGEN

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

February 13. Each succeeding year adds to the attendance of seed trade representatives at this convention, and it is said that extra effort is being put forth to get them out this year.

ONE seedsman figured that it cost him $1.50 to make each sale by advertising his catalogue in the general magazines. At the end of the season he found the orders so obtained averaged $1.25 each.

THE following seed growers visited the Twin Cities last week: W. H. Grenell, Saginaw, Mich.; E. H. Parmelee, of the J. H. Allan Seed Co., Sturgeon Bay, Wis., and C. P. Braslan, San Jose, Cal.

MOST seedsmen count gains in January and February as so much velvet. Late in the season they nearly always have all the business that can be handled, and gains are more difficult to make.

TEXAS has a Corn Growers' Association which has done much to improve the character of seed used by its members, and following its annual meeting at Waco, January 31, a Texas Seed Growers' Asosciation is to be organized, the principal object of which is to be the improvement of cotton, but all other kinds of seeds will be within its scope.

THE pulling powers of the catalogues do not seem seriously impaired because

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 18 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.



A part of our Rhododendron Hybrid.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.

Mention The Review when you write.

of the absence of the lithographed covers.

THE rains continue in California and the seed growers' troubles multiply.

THE week of cold weather, general over a large part of the country, has had the effect of checking mail orders.

FRED MEIER, manager of the Minnesota Seed Co., New Ulm, Minn., reports prospects for an exceptionally heavy season in field seeds.

S. E. & H. D. MOORE, Lindenwold, N. J., have added a seed department to their business. They report a good trade with prospects equally good. The rose-bug is a troublesome pest that seems impossible to eliminate.

W. ATLEE BURPEE & Co. send out a packet of twelve picture post-cards showing their Fordhook farm. One view

Established 1880. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

Mention The Review when you write.

Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

36 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.

is the photograph made when the members of the American Seed Trade Association visited Fordhook in June, 1903.

THE seed trade is being asked to start a market gardeners' journal at Louisville, Ky., by buying subscriptions in bulk. The man on the road is from the force of Wood, Stubbs & Co., and states that this firm is behind the project.

AS OTHERS SEE US.

A big firm of European seedsmen, who shall be nameless here, offers the following view of the American seed trade: "We find that as a rule the American seedsmen are strongly imbued with a desire for cheapness. It is no use offering a good article and expecting a good price for it, as the average seedsman says: 'Oh, I can get the same thing, or something with the same name, at a lower

rate, and I cannot therefore pass you an order.' For our part, we do not look at things in this way.''

FREE SEEDS REINSTATED.

In connection with the discussion of the agricultural appropriation bill in the lower house of Congress January 25 there was a general debate on the committee provision appropriating $238,000 for the purchase and testing of new and uncommon seeds, bulbs, trees, shrubs and vines and omitting the usual appropriation for the purchase of ordinary flower and garden seeds for distribution. Mr. Candler, of Mississippi, led the fight for free seeds, and in a long speech he charged that the item in the present bill was the work of a lobby composed of seedsmen of the country and of effective newspaper work. He said he could not go back and look his ''dear old farmer friends'' in the face after the increase of the salaries of congressmen if free seeds were not to be had.

WASHINGTON, D. C., Jan. 29.—The agricultural appropriation bill occupied the house most of the day and when the amendment concerning the free distribution of seeds was reached the members reversed a ruling of the chair by a vote of 136 to 85 and restored the paragraph as it has been the law for a number of years. This is about the same vote recorded against free seeds last year, showing lack of progress. It is now up to the senate, which is expected to concur.

ADVERTISING CATCH LINES.

''Burpee's Seeds Grow.''

''Seeds Which Succeed.''—D. Landreth Seed Co., Bristol, Pa.

''Seeds that do Not Disappoint.''—Ford Seed Co., Ravenna, O.

''Seeds that Hustle.''—Darling & Beahan, Petoskey, Mich.

''Good Seeds Cheap; Best Ever Grown.''—R. H. Shumway, Rockford, Ill.

''Buy Seeds Direct from the Grower.''—Joseph Harris Co., Coldwater, N. Y.

''$tokes $tandard $eeds.''—Stokes Seed Store, Philadelphia.

''Morse Seeds Sprout; You and Nature do the Rest.''—C. C. Morse & Co., San Francisco.

"THERE'S MILLIONS IN IT."

J. J. H. Gregory is on record as saying that ''It may be doubted whether there has been a season for the past quarter of a century when the onion seed crop of the United States has been so unusually blighted. The whole country from the Atlantic to the Pacific ocean appears to share in the general misfortune. The visitation has been so severe in California that that state, which has been the grand source for low-priced seed, now holds it at wholesale at a figure which will bring the retail rate fully as high as New England seed has usually borne. In the onion seed centers of New England the blight has been so severe that in one case in a field of ten acres the crop was about annihilated. The man who will discover a chemical that will protect from the attack of the fungus which produces the blight will be a benefactor of the race.''

A NEW FRENCH LETTUCE.

C. C. Morse & Co., San Francisco, say of a new lettuce, named Strawberry:

''This is a new lettuce from France which we tested in our trial grounds last season and at once discovered so much real merit in it that we decided to offer it to our friends this year through our catalogue. It is a medium-sized, tight-heading variety, and while very dark brown in general appearance, the interior of the head is decidedly pink, and when dressed and prepared for the table it resembles a dish of crushed strawberries. It is the only variety we know which is so colored, and while very attractive indeed on this account, its chief value is its delicious flavor and its buttery but crisp heart.

''There are so many varieties of lettuce in the market that it is seldom a really new one is offered, but we feel sure that the American public has not had so good a lettuce novelty as this offered for a long time, and we are very anxious that all our friends and customers should have it. We have only a limited supply and cannot offer it by the pound this year.''

A GARDENING PROJECT.

M. Crawford, of Cuyahoga Falls, O., passed through Chicago last week, en route to Shiocton, Wis., where he will

Johnson's High-Class Tested

FLOWER SEEDS

For Early Sowing

We would call special attention to our superior strains of Petunias, Verbenas, Stocks and Pansies, which are absolutely the best procurable.

	Trade pkt.	Oz.
Ageratum Blue Perfection, dark blue	15c	$0.50
Alyssum Little Gem or White Carpet	10c	.30
Asparagus Plumosus Nanus (greenhouse grown), per 100 seeds, 50c; per 1000 seeds, $4.00.		
Asparagus Sprengeri, per 100 seeds, 15c; per 1000 seeds, 75c; 5000 seeds, $3.00		
Candytuft Empress, pure white	10c	.20
" Giant Hyacinth Flowered, white	10c	.20
Carnation Marguerite, choice mixed	15c	.60
Centaurea Gymnocarpa, 1000 seeds,	15c	.35
" Candidissima "	25c	1.50
Cobaea Scandens, purple, ¼ lb., 75c.	10c	.30
Cyclamen, English Prize mixed (from show varieties unsurpassed) per 100 seeds, 75c; per 1000 seeds, $6 00.		
Ipomoea Noctiflora (Moonflower)	10c	.50
Lobelia Crystal Palace Compacta	25c	1.25
Pansy, Johnson's Kingly Collection, mixed, unsurpassed, 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00		5.00

	Trade pkt.	Oz.
Petunia Giants of California	50c	
Petunia, Johnson's Choice Double Fringed, per 500 seeds, 75c; 1000 seeds, $1.50.		
Johnson's Giant Single Fringed	50c	
Dwarf Inimitable (nana compacta), fine for pots	25c	1.25
Phlox Drummondii Grandiflora, mixed.	10c	.40
" " " Dwarf, mixed	20c	.75
Drummondii Nana Compacta, mixed.	30c	1 50
Pyrethrum Aureum	10c	.20
Salvia Splendens Bonfire, ¼ lb., $6.00.	25c	2.00
" " ¼ lb., $3.00	20c	1.00
Smilax (New Crop), lb., $2.00	10c	.20
Stocks, Dwarf, separate colors	25c	2.00
" " Large-Flowering, Ten Weeks', mixed	25c	1.75
Princess Alice, Cut-and-Come Again.	30c	2.50
Sweet Peas, Standard varieties, ¼ lb., 10c: lb., 25c.		
Thunbergia, finest mixed	10c	.50

JOHNSON'S GIANT-FLOWERING VERBENA, pronounced the finest in the market. Giant White, Pink, Scarlet, Purple and Yellow, large trade pkt. (1000 seeds), 25c; 5000 seeds, $1.00; per ounce, $1.25. Giant Brilliant, mixed, large trade pkt. (1000 seeds), 20c; 5000 seeds, 75c; per ounce, $1.00.

Send for our New Illustrated Catalogue for Florists and Market Gardeners, just issued.

JOHNSON SEED COMPANY

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

217 MARKET STREET, PHILADELPHIA, PA.

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Florists' Flower Seeds New Crop of the Finest Quality

Now Ready Tuberous Rooted Begonias

Giant Flowered	Per doz.	Per 100	Per 1000
Single in separate colors	40c	$2.50	$22.50
Double in separate colors	65c	4.00	34.00

GLOXINIAS, Finest sorts in separate colors, 50c per doz.; $4.00 per 100; $35.00 per 1000. Send for trade price list.

CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

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GLADIOLI

Write for trade price list of named varieties, assorted colors and fine mixtures.

E. E. STEWART, Rives Junction, Mich.

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— 100,000 —

PHOENIX ROEBELENII SEED

This elegant, graceful and easy-growing Palm is one of the most useful for all kinds of decorative work, both in small and large plants. Price $7.00 per 1000.

Yokohama Nursery Co.

31 Barclay Street, -- -- NEW YORK

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Dreer's Summer Flowering Bulbs

The Begonias and Gloxinias offered by us are the best that skill and careful selection can produce, being grown for us by one of the most expert European specialists.



TUBEROUS-ROOTED BEGONIAS

Single Flowered, Scarlet, Crimson, White, Yellow, Rose and Orange, 40c per doz.; $3.00 per 100; $25.00 per 1000.
Choice Single Flowered in Mixture, 35c per doz.; $2.50 per 100; $22.00 per 1000.
Double Flowering, Scarlet, Rose, White and Yellow, 65c per doz.; $5.00 per 100; $40.00 per 1000.
Choicest Double Flowering in Mixture, 50c per doz.; $4.00 per 100; $35.00 per 1000.

New Hybrid Frilled Tuberous Begonias

A most unique form with flowers of immense size, with wavy or frilled petals, similar to the best forms of single petunias, 25c each; $2.50 per doz.; $20.00 per 100.

GLOXINIA CRASSIFOLIA GRANDIFLORA

A very fine selected strain, strong, well matured bulbs, Red, White, Blue, Red with white border, Blue with white border, in separate colors or in choicest mixture, 60c per doz.; $4.00 per 100; $35.00 per 1000.

FANCY-LEAVED CALADIUMS

A choice selection of 25 distinct named varieties, fine large bulbs, $1.50 per doz.; $10.00 per 100. Choice mixed varieties, $1.25 per doz.; $8.00 per 100.

Our quarterly Wholesale List offers a full line of Seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.

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NEW STOCKS
Flower Seeds for Florists

WHOLESALE CATALOGUE READY

Send for it today. But first read our advertisement on page 733 in the FLORISTS' REVIEW for January 24th, 1907. It is worth reading.

James Vick's Sons
Seedsmen **ROCHESTER, N. Y.**

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We made this halftone from a
WASH DRAWING
one of many we made for 1907
Seed Catalogues

Our artists are the best in the United States on flower and vegetable drawing.

Try our work on some of your special lists and you will give us all your order for the 1908 general catalogue.

We make a specialty of
CUTS FOR SEEESMEN
All processes. Quick work if necessary. Satisfaction guaranteed. Special prices on orders placed now for cuts for 1908 catalogues.
NO STOCK CUTS
CRESCENT ENGRAVING CO.
341-347 Clark St., CHICAGO

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SHAMROCK
IRISH. THE REAL THING! GREEN
Strong and fine plants. Better order early.
$4.00 per 100; or 60c per doz., by mail.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed, good per cent of new Sicily, 1000 seeds, 50c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected: mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cyclamen Giganteum. Finest giant mixed, 200 seeds, $1.00; ⅛ pkt., 50c.
Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

spend the next year in the employ of the Shiocton Garden Land Co., for the purpose of demonstrating the uses for which a large tract of so-called marsh land is adapted. At the same time he will transfer to that place his business of growing gladiolus bulbs for the trade.

"I am going to Shiocton," said Mr. Crawford, "to see what can be done on this old marsh land. The company owning a large tract of it is dredging for drainage and purposes to next year offer a considerable number of 10-acre tracts for sale at $200 per acre. But first it is planned to obtain information as to what can be done on this soil by the employment of the most approved gardening methods. That is to be my part, and they place every facility at my disposal. This is already widely known as a cabbage growing locality. Large quantities of cucumbers also are grown and a considerable acreage of celery. Cauliflower of course goes with cabbage, but it is not yet largely grown there. The soil is six to ten feet deep, rich and black; it should be an ideal onion soil. We will try onion sets, and it is quite likely that it will prove a splendid location for this crop. At any rate it is expected to develop here the greatest market growing center in the west."

TRADE IN JAPANESE LILIES.

The Japanese lilium trade for this season is drawing to a close (by this term is meant Lilium longiflorum and its varieties, and the speciosum types). The importers, on the whole, report a satisfactory season's trade. Bulbs on an average have been more than fifty per cent higher in price than previous years, especially the longiflorum section and its varieties, and in this article this type will be mostly dealt with, as it is of the greatest value, and the only section of indispensable commercial value.

Why the price has advanced is not quite clear to the majority of growers. The cause is generally put down to a combination of exporters in Japan, and importers in Europe putting up the price, simply because they know that the article has become an indispensable article to the English florist. The Japanese grower, with his characteristic keen business instinct, and the German importer have raised the price to its present high level, and much grumbling and dissatisfaction prevails among English growers in consequence. A variety of causes have lately influenced the Japan lilium trade. Chief among these is, a shortage of supply in Japan, caused to some extent by the attention of the grower during the late war being turned to other matters, and the great prevalence of disease in the Japan cultivations; a disease which none of the growers seems to understand or cope with. Probably it is something similar to the sleeping disease to which Lilium candidum is subject.

In addition to this shortage the demand, both in England and America, has been steadily on the increase for some years. Last year the total sales in the two countries probably constituted a record. Then, again, since comparative suc-

Aster Seed

Our descriptive price list of High-Grade Aster Seed is now ready and will be sent free on application. Try our new varieties, Cardinal, Sunset and Rosy Carmine Branching—they are winners. Price per packet, 25 cents; two packets for 40 cents.

Pointers on how to grow Asters successfully sent free with every order.

VICK & HILL CO.

P. O. Box 613. ROCHESTER, N. Y.

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cess has attended the retarding process large quantities are annually stored in the retarding chambers, with the result that longiflorums are on the market practically all the year around, and much of this retarded business gives additional trade, and increased demand. In the process of retarding many thousands of bulbs are annually spoiled by subjecting them to an unsuitable atmospheric moisture. Unlike the retarding of lily of the valley, the retarding of liliums is a long way from being perfect.

These several causes are no doubt the reason of prices advancing. Last season £17 10s. per thousand was no uncommon figure for market sizes of longiflorums, and most European importers are quite sold out even at that high price.

One of the most unaccountable facts is that almost the entire trade is in the hands of the German importers, few English firms importing direct from Japan. Several firms have from time to time done so, but many have given up after a year or two, finding the bulbs can be had cheaper and more reliably, through some Continental importing firm. To a certain extent the importers have by mutual understanding forced up prices, and in the immediate future prices must certainly continue to increase.

Germany is a good customer with an increasing trade, an annually increasing quantity is being required in Japan for the home trade, and in addition America's importations are increasing by leaps and bounds. Lilium Harrisii from Bermuda is in more or less disfavor all over the world, for several reasons well known to the trade, and a big demand is created for longiflorums to fill the gap, and as the demand increases, so will the Japanese grower tighten his prices and become more and more independent. The florist who grows for market will become still more under the thumb of the exporter and grower in the east.—Horticultural Trade Journal.

CATALOGUES RECEIVED.

[All catalogues are filed by the Review and are accessible to the trade at any time for reference. Following are latest arrivals.]

John A. Salzer Seed Co., La Crosse, Wis., general catalogue for 1907; S. M. Isbell & Co., Jackson, Mich., general retail catalogue; Lehman Bros., New York, wagon-heater price-list; Henry A. Dreer, Philadelphia, Pa., general catalogue for 1907; Dingee & Conard Co., West Grove, Pa., general plant catalogue; Gundestrup's Seed Store, Chicago, wholesale price-list; Elmhurst Nursery, Argentine, Kan., nursery stock; W. W. Wilmore, Denver, Colo., dahlias and hardy plants; John Sharpe & Sons, Bardney, Lincoln, England, seed catalogue; A. N. Pierson, Cromwell, Conn., wholesale price-list; C. Young & Sons Co., St. Louis, Mo., general catalogue for 1907; Leonard Seed Co., Chicago, general retail catalogue for 1907; Jensen & Dekema, Chicago, carnation cuttings; C. C. Morse & Co., San Francisco, Cal., general retail catalogue; the Conard & Jones Co., West Grove, Pa., general plant catalogue; Currie Bros. Co., Milwaukee, Wis., general catalogue for 1907, also market gardeners' annual; Holmes Seed Co., Harrisburg, Pa., general catalogue; Weeber & Don, general catalogue; Freidr. C. Pomrencke, Altona-Hamburg, Germany, flower seed catalogue; William Bull & Sons, Chelsea, London, England, general seed catalogue; Watkins & Simpson, Covent Garden, London, England, general seed catalogue; W. C. Kennedy, St. Joseph, Mo., retail seed catalogue; Daniel B. Long, of Buffalo, N. Y., carnation day cards.

NEWPORT.

Horticultural Society.

At a meeting of the Newport Horticultural Society, January 22, Prof. H. A. Wheeler, director of the Agricultural Experiment Station at Kingston, R. I., gave an interesting lecture on "Soda in its Relation to Plant Growth." He spoke mostly of the experiments which he had conducted and of the results which have been obtained. He spoke without notes but with a thorough knowledge from personal experience, and his address was listened to attentively by every one of the many comprising the large audience.

The speaker said, in part, that "the effect of soda on plant growth is a subject which has been considered by horticulturists for many years, and a subject upon which there have been many and diversified opinions. The Rhode Is-

SUMMER FLOWERING BULBS

My New Begonias and Gloxinias are in stock and are as fine as any I have ever seen.

LARGE FLOWERING BEGONIAS—Tuberous Rooted

SINGLE (1¼, 1½-inch bulbs)	Doz.	100	1000
Scarlet	$0.35	$2.50	$23 00
Crimson	.35	2.50	23.00
White	.35	2.50	23.00
Rose	.35	2.50	23.00
Yellow	.35	2 50	23.00
Mixed	.30	2.25	22.00

DOUBLE (¾, 1½-inch bulbs)	Doz.	100	1000
Scarlet	$0.60	$4.25	$38.00
Crimson	.60	4 25	38.00
White	.60	4.25	38.00
Rose	.60	4.25	38 00
Yellow	.60	4.25	38.00
Mixed	.50	4.00	35 00

GLOXINIAS, Giant-Flowering—Fine large Bulbs strong and well matured, Blue, Red, White, Red with White Borner, Spotted and Tigered, per doz., 50c; per 100, $3.50.
Mixed sorts, fine, per doz,, 45c; per 100, $3.25.

FORCING VEGETABLE SEEDS—Special Strains for Greenhouse Culture. Cucumber, Cauliflower, Lettuce, Radish, Tomato. Write me your wants.

MUSHROOM SPAWN—Frequent importations from England. Per 100 lbs., $6.00; per 1000 lbs., $55.00.

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

The BEST VALLEY Pips in America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of Forcing Pips at $1.50 per 100; $12.00 per 1000.

Return at our expense if not satisfactory on arrival. We ship all over the U. S., and supply all the year around.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr pkts., $2.50; tr. pkt., 50c.
Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.
Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr, pkts., $2.50; tr. pkt., 50c.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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Dreer's Mammoth Verbena.

Dreer's Reliable Flower Seeds

The following short list embraces but a few of the things which should be sown early. **NEW CROPS** are now ready to send out:

	Trade pkt.	Oz.
AGERATUM Blue Perfection	$0.15	$0.50
ALYSSUM Little Gem, extra dwarf	.10	.30
CENTAUREA Gymnocarpa	.15	.35
COBAEA Scandens	.10	.30
DRACAENA Indivisa	.10	.30
GREVILLEA Robusta	.15	.50
LOBELIA Crystal Palace Compacta	.30	1.25
" Speciosa, dark blue trailing	.15	.50
PETUNIA Dreer's Superb Single Fringed	.50	
" Dreer's Superb Double Fringed	$1.50 per 1000 seeds	
SALVIA Splendens (Scarlet Sage)	.25	1.00
" Ball of Fire, dwarfest	.50	4.00
" Bonfire, compact	.40	2.25
" Burning Bush	.30	1.50
SMILAX	.10	.30
VINCA, rose, white and white with eye	.15	.50
" mixed	.15	.40
VERBENA, Dreer's Mammoth, extra fine, white, scarlet, pink, purple or striped	.30	1.25
VERBENA, Mammoth, finest mixed	.25	1.00

Our wholesale and Retail Catalogues for 1907 have been mailed to the trade. In case you have not received a copy, let us know, and we will send you another. These catalogues contain the most complete offering of **SEEDS, PLANTS** and **BULBS** in the country. Do not wait until the Spring rush but order **NOW.**

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

VERBENA MAMMOTH

Colored or Mixed	oz.	$0.75
Petunia, double large-fl. fringed	tr. pkt.	1.00
" single large-fl. fringed	tr. pkt.	.50
Salvia Splendens	oz.	1.00
Stocks, large-fl. 10 Weeks'	tr. pkt.	.25
" Dwarf Snowflake	tr. pkt.	.25
Begonia, Dwarf Vernon	tr. pkt.	.25
" Vulcan	tr. pkt.	.25
" Erfordi	tr. pkt.	.25

W. C. BECKERT, Allegheny, Pa.

Mention The Review when you write.

Tuberous-Rooted Begonias

SINGLE VARIETIES

	1000	100
Del. Pink	$25.00	$2.75
Scarlet	25.00	2.75
Crimson	25.00	2.75
White	25.00	2.75
Yellow	25.00	2.75
Orange	25.00	2.75
Deep Rose	25.00	2.75
Salmon	25.00	2.75
Copper Bronze	25.00	2.75
Finest Mixed to order	25.00	2.75

Single Fringed Begonias

These are rather new, but very handsome.

	Doz.	100
Scarlet	$1.75	$12.50
Rose	1.75	12.50
Salmon	1.75	12.50
White	1.75	12.50
Yellow	1.75	12.50
Orange	1.75	12.50
Mixed of all colors	1.50	10.00

Single Crested Begonias

A most unique form of flower, novel and interesting.

	Each	Doz.
Salmon	$0.25	$2.75
Pink	.25	2.75

Our bulbs come from the best specialist in Europe. **Bulbs are more than first size and sound.**

	Each	Doz.
White	$0.25	$2.75
Yellow	.25	2.75
Copper	.25	2.75
Scarlet	.25	2.75
Mixed of all colors	.20	2.20

DOUBLE VARIETIES

	1000	100
Del. Pink	$34.00	$4.00
Deep Rose	34.00	4.00
Scarlet	34.00	4.00
Crimson	34.00	4.00
White	34.00	4.00
Yellow	34.00	4.00
Orange	34.00	4.00
Copper	34.00	4.00
Finest Mixed to order	34.00	4.00

W. W. RAWSON & CO., 5 Union St., Boston, Mass.

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Bridgeman's Seed Warehouse

Established 1824. RICKARDS BROS., Props.

Asparagus Plumosus Nanus, Greenhouse-Grown, $5.00 per 1000.

37 East 19th Street, NEW YORK CITY

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ARTHUR COWEE, Gladiolus Specialist, MEADOWVALE FARM, BERLIN, N. Y.

United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

Mention The Review when you write.

Augusta Gladiolus

First size, 1⅛ and up	$12.00 per 1000
Second size, 1¼-1⅛	8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.

Mention The Review when you write.

Chinese Sacred Lily Bulbs

Imported direct from China—the finest bulbs procurable. Every florist should have them for store sale. Price, selected bulbs, 60c per doz.; original basket containing 30 bulbs, $1.25; per 1000, $30.00. Order today.

THE DINGEE & CONARD CO.

Rose Growers WEST GROVE, PA.

Mention The Review when you write.

land station began its experiments in 1894.

"It was found that when as much as 300 pounds of muriate of potash was used, applications of soda-ash or common salt, in addition to potash, gave greatly increased yields in case of fodder beets. When the supply of potash was reduced, crops like turnips and radishes were greatly increased by applying the sodium compound in manure. With other plants it was found that sodium salts were of little value. It having been found that soda was beneficial in certain cases the next experiments were directed towards finding out how the benefit was obtained.

"These experiments have thrown some new light upon the question of how soda is beneficial: Chiefly that, where potash is used, the soda may not be of benefit, and again, if the potash supply is short, soda may be helpful. It has been learned that some plants can be helped by the use of soda, though there is a shortage of potash, while others cannot; and particularly it has been learned that the use of nitrate of soda and kainite, which contains large quantities of soda, is an insurance against a shortage of potash in soil where those plants are grown which are capable of being benefited by soda. There is much yet to be learned."

After his informal talk Prof. Wheeler answered several questions. Refreshments were served and the regular business of the society transacted. The ball committee made a report showing a surplus over all expenses of $107.09. The committee was continued and given

Always mention the Florists' Review when writing advertisers.

THE WORLD'S GREATEST ASTER
Miss Kate Lock
Colors, White, Enchantress-Pink, $1.00 per trade pkt.
No checks. Instructions, "How to Grow Asters" with every order. Not guaranteed unless bearing my signature.
J. H. LOCK, Aster Specialist
41 Manchester Avenue, TORONTO, ONT.
Mention The Review when you write.

You Want This Aster Seed
No novelties—grown especially for my growers, best commercial sorts, branching white, blue, shell-pink, 25 cents a trade package; 60 cents ¼ oz. Ostrich Plume, 50 cents a trade package; 75 cents ⅛ oz.
GEORGE B. HART, Wholesale Florist, 24-28 Stone St., ROCHESTER, N. Y.

power to get up an entertainment for the members and their friends, including the ladies, for the second meeting in February.

Various Notes.

Visitors this week included John S. Hay, representing Henry A. Dreer, Philadelphia, and F. M. Smythe.

Robert Purshall, gardener for Mrs. A. H. P. Belmont, at Marble House and Belcourt, has received the appointment of gardener at Mrs. Belmont's place, Brokalt, Long Island.

James Bond has had exceptional luck with Cattleya Trianæ this winter from plants purchased two years ago.

Arthur Griffin made a large shipment of cut flowers, melons and forced vegetables to New York about a week ago. The shipment was intended to be delivered on the morning of the day on which a large entertainment was to be given, but delivery was not effected until the day following. Several like disappointments have occurred lately.

Karl Jurgens will in future give additional attention to the growing of roses for the local trade in summer, and in furtherance of that object he will devote two houses recently built to that purpose.

Oscar Schultz has been for a week or more absent from Newport on a business trip to New York, Philadelphia and other cities.

V. A. Vanicek, of the Rhode Island Nurseries, has completed the work of moving large specimen trees from distant points to the grounds of the residence of G. C. Knight, Jr., on Bellevue avenue. Many of these trees had immense balls of earth, and some of the trees were so large that arrangements had to be made whereby they were taken on to the ground through the estate adjoining. Ralph Reilly.

FOR VACANT BENCHES.

I have two greenhouses now empty. They are fourteen feet wide. A solid bed eight feet wide runs through the center. In one house I wish to plant dahlias for cut flowers. I would like some cultural advice, also to know the best varieties to plant for cut blooms. The other house is cooler; it can be kept at a night temperature of 50 degrees. What kind of seeds can I plant for pot culture for spring sales or for cut blooms in the open bed? What is the best way to force German iris? I have some heavy clumps that I wish to force for the cut blooms. D. B. C.

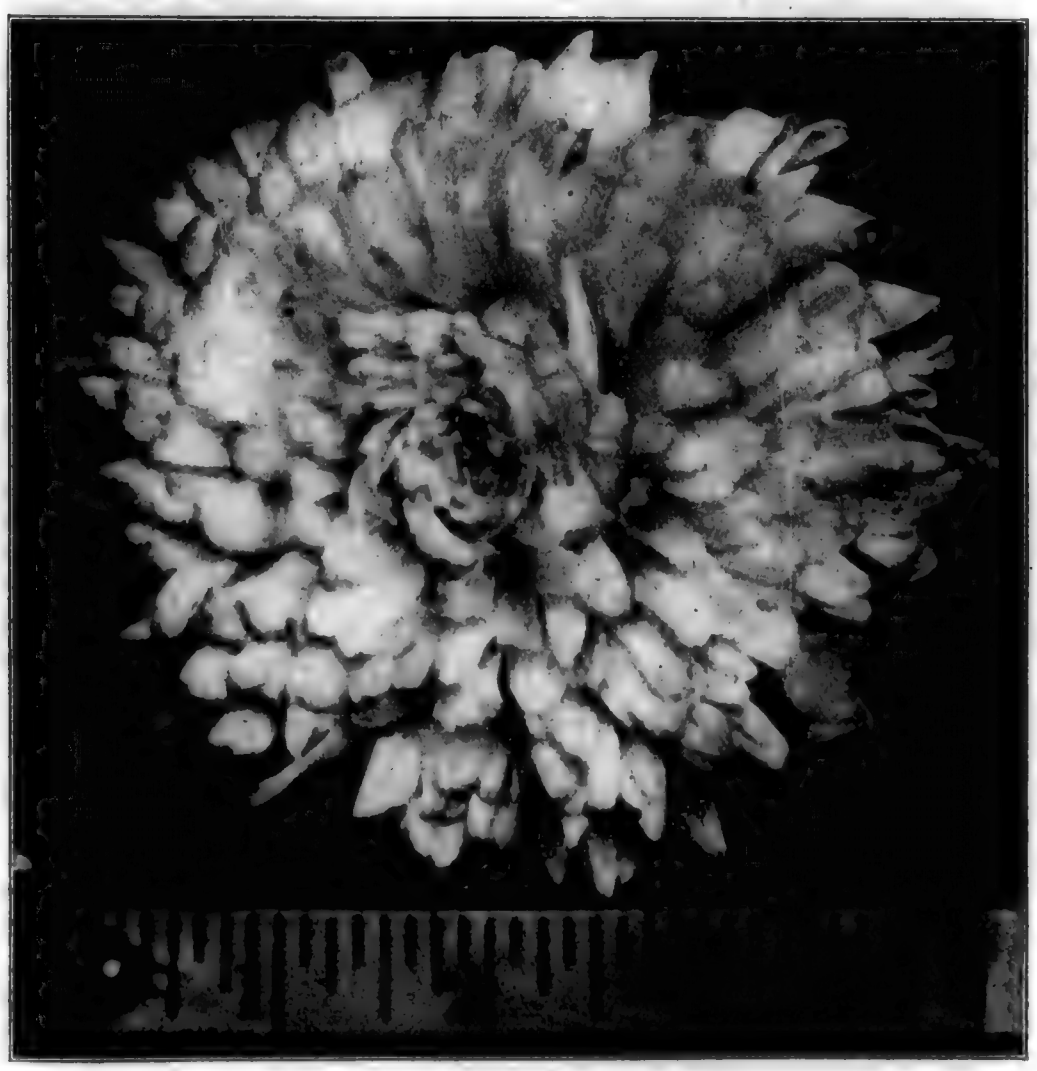
Dahlias have rather come into favor the last two or three years and succeed quite well under glass in a similar temperature to carnations, 50 to 54 degrees at night. No time should be lost in bringing the dahlia tubers under glass. Place in a warm house and spray twice a day until the shoots appear. The roots need not be covered at this stage. Pot roots do not require any dividing, but the larger ground roots are better separated with a sharp knife. One good shoot is sufficient for each plant. A bed eight feet wide would take three rows. Place the plants two and a half feet apart. Any good compost that will grow roses or carnations is suitable.

The single varieties flower freely under glass, but the doubles have better keeping qualities. The beautiful cactus varieties we have not had much success with. Do not allow every shoot to grow. Single stems are the best, and do not forget to stake securely when a few inches high.

A few good commercial sorts are: Doubles—A. D. Livoni, soft pink; Grand Duke Alexis, white tinted lavender; Countess of Lonsdale, salmon; Catherine Duer, crimson scarlet; Keyne's White, pure white; Mrs. Roosevelt, soft pink; Daffodil, canary yellow.

A few good pompon or bouquet dahlias which are remarkably free blooming

CARLSON'S IMPROVED ASTER SEED



Has been the best commercial variety in the Chicago market for the past three years. No disease. No yellows.

⅛ oz. (trade packet).....$ .25 ½ oz.....$ .80
¼ oz. ..... .45 1 oz..... 1.50

1906 Crop. White, Pink and Lavender. GET THE GENUINE.

E. H. HUNT, 76 Wabash Ave. CHICAGO

FLOWER BOXES

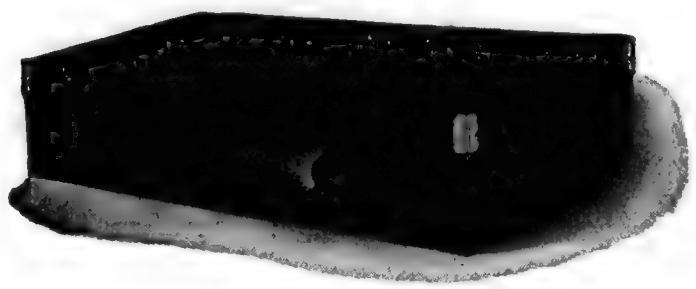


IDEAL GRADE WATERPROOF MANILA
ELITE GRADE WATERPROOF WHITE
IVY GRADE WATERPROOF GREEN



VIOLET BOXES
Violet Color or White with 5-color bunch of Violets on corner.

CORRUGATED PAPER SHIPPING BOXES



FOR MAKING EXPRESS SHIPMENTS

LIGHT, STRONG, DURABLE.

PROTECTS CONTENTS FROM HEAT OR FROST.

SHIPPED FLAT. EASILY SET UP.

METAL OR K. D. CLOTH CORNERS.

THE J. W. SEFTON MFG. CO., CHICAGO, ILLINOIS ANDERSON, INDIANA

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Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made now or early spring.

DAVID HERBERT & SON
Successors to L. K. Peacock, Inc. ATCO, N. J.

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Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Thorburn's Seeds

OUR WHOLESALE CATALOGUE

for florists and market gardeners is NOW READY and will be sent free to all who ask for it.

NEW CROP

Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. Compare our prices before ordering elsewhere.

J. M. THORBURN & CO.
33 Barclay St., through to 38 Park Place, NEW YORK.

CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. Cheap, durable.
To try them once is to use them always.

Size	No. 0	3x4x20	$2.00 per 100,	$19.00 per 1000	
"	No. 1	3x4½x16	1.90 "	17.50	"
"	No. 2	3x6x18	2.00 "	19.00	"
"	No. 3	4x8x18	2.50 "	23 00	"
"	No. 4	3x5x24	2.75 "	26.00	"
"	No. 5	4x8x22	3.00 "	28.50	"
"	No. 6	3x8x28	3.75 "	36.00	"
"	No. 7	6x16x20	5.50 "	54.00	"
"	No. 8	3x7x21	3.00 "	28 50	"
"	No. 9	5x10x35	6.50 "	62.00	"
"	No. 10	7x20x20	7.50 "	67.00	"
"	No. 11	3½x5x30	3.00 "	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.

WATERPROOF
Cut Flower and Design Boxes

PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.

THE BLOOMER BROS. CO., ST. MARYS, O.

Mention The Review when you write.



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are: Iona, yellow; Mars, scarlet; White Lady and George Brinkman, pure white; Fashion, orange. In singles, Huntsman, orange scarlet; Miss L. Pryor, crimson; Snowdrop, pure white, and Sunningdale Yellow, deep yellow, are a good quartet. Try a few roots of Kriemhilde, a cactus of soft apple-blossom pink, perhaps the most popular dahlia in commerce.

Gladioli, such as Shakespeare, Snow White, Augusta and May do well benched in a temperature of 50 degrees and prove a profitable commercial crop. German iris should be lifted with as good roots as possible and planted well up to the light in the coolest end of the house. They are rather impatient of forcing, but do well in a moderately cool house. Feverfew, planted now, will make a profitable Memorial day crop.

It is a little early to start some of the seeds for spring sales. Salvia splendens need not be sown until March 1, asters and stocks about the same date. Ageratum and lobelia may be started at any time, also verbenas. Begonias of the semperflorens type may be sown, but need 60 degrees at night to start them. Petunias want similar heat and make an excellent spring plant for selling. Dianthus Heddewigi, heliotropes, Cobæa scandens and Phlox Drummondi are all good selling plants. As a rule the seeds named germinate best in a temperature of 55 to 60 degrees at night. Any of the ten weeks' stocks sown now, potted off and benched when nicely established in the pots will make a good Memorial day crop.

C. W.

Fancy Green Sheet Moss $2.00 per Bag; 5 Bags for $8.75.
PITTSBURG CUT FLOWER CO., Ltd.
222 Oliver Avenue, PITTSBURG, PA.
Mention The Review when you write.

J. B. MURDOCH & CO.
545 Liberty Ave., Pittsburg, Pa.
Western Pennsylvania Headquarters for Fancy American Beauties, Roses and Novelties in Carnations
Mention The Review when you write.

CINCINNATI.

The Market.

Business during the last week has been unsettled; one day it was good and the next it was slow. Funeral work furnished the greatest demand, and there was little doing in the way of decorations. For this reason the medium and cheaper grades of flowers had the call. Still, it was a good thing that there was not a heavy demand, as the supply of flowers was not at all heavy; in fact, at most times there was scarcely anything on the market, with the exception of bulbous flowers, in the way of Romans and narcissi. This kind of stock sold cheaper than has ever been known before. Narcissi of pretty good quality could be bought at $1 to $2 per hundred, and Romans about the same. Carnations and roses held their own, and roses, if anything, showed a tendency to advance under the scarcity. Today they are selling out clean and at top prices.

Owing to the bad weather, violets have not been doing so well. Lilies are in good demand and bring good prices. Valley has been scarce. Tulips are on the market and sell fairly well, but are not creating a sensation. In the way of miscellaneous flowers, baby primroses always go well, and the same may be said of snapdragons, forget-me-nots, wall flowers and daisies.

In green goods there is a good supply all along the line. There is a large demand for galax leaves, and great quantities of them are sold in this city. Leucothoe sprays also go well.

Various Notes.

The flood which I reported in my notes last week, I am glad to say, is a thing of the past. The river is now down below the danger line and is continuing to fall fast. But still those florists whose greenhouses were flooded have lost about everything. The cold weather following the flood froze up everything that the water spared, which was not much. Several subscription lists have been going the rounds of the craft here and considerable has been subscribed, which will help greatly in restocking the houses of those who have suffered most.

Those who were fortunate enough to have attended the carnation meeting at Toronto are now safely at home, and are warm in their praise of the treatment extended to them by the Canadian florists. They report the meeting to have been one of the best the society ever has held.

A recent letter from C. P. Dietrich & Bro., of Maysville, Ky., reads as follows: "Our nursery is covered with water, but the greenhouses are above it. We go from the greenhouses to our home in a boat, but the river is falling." By this you can see that Cincinnati is not the only locality along the Ohio where there may have been damage done to the florists.

There were several visitors in town this week. Among them were: Geo. F. Struck, of Orange, N. J.; B. Eschner and Martin Reukauf, of Philadelphia, and Mr. Whitehill, of Fishkill, N. Y.

C. J. OHMER.

GREAT BEND, KAN.—W. E. Stoke has purchased the property adjoining his own, so that he now has a piece 150x200. He will build two greenhouses in the spring, each 20x80, using hot water heat.

WAYCROSS, GA.—Frank Austin, for several years with A. C. Oelschig at Savannah, has located here and will build three greenhouses. At present he has a display of stock in the windows of the local electric light company.

Rooted Carnation Cuttings

	100	1000		100	1000
White Perfection	$6.00	$50	The Belle	$2.50	$20
Light Pink Lawson	6.00	50	White Lawson	2.50	20
Glendale	6.00	50	Enchantress	2.50	20
Victory	6.00	50	Mrs. T. Lawson	2.00	15
Robt. Craig	6.00	50	Nelson Fisher	2.50	20
Cardinal	4.00	35	Harry Fenn	2.00	15
Fiancee	3.50	30	Estelle	2.00	15
Lady Bountiful	2.50	20	Boston Market	1.50	12
			White Cloud	1.00	8

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG
Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.
Asparagus Plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00; 6-in., $20.00.
W. J. & M. S. Vesey, Fort Wayne, Ind.
Mention The Review when you write.


SAVE your pinks before splitting, don't try to patch them up with wires that would do for the 19th but not for the 20th century. Use the M. & D. **Artificial Calyx.** Easily applied and removed. $1.75 per 100; $15.00 per 1000; 250 at 1000 rate.
Maxfield & Dimond
P.O. Box 304B, Warren, R. I.

Send for sample. Patented.
Mention The Review when you write.

DAISIES
Queen Alexandra, 2-in., $1.50 per 100; 2½-in., $2.50 per 100; 3-in., $4.00 per 100.
CANNAS—Pennsylvania, M. Washington, $2.00 per 100. Niagara and Buttercup, $4.00 per 100.
BABY CALLAS—3-in., $3.00 per 100.
P. A. BAKER, Media, Pa.

Orders now booked for rooted cuttings of CARNATION
HELEN GODDARD
January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.
S. J. GODDARD, FRAMINGHAM, MASS.
Mention The Review when you write.

Seasonable Stock

	100	1000
Baby Primrose, 2½-in.	$2.00	
Carex Japonica, 2½-in.	2.50	
Coleus, 10 sorts, 2½-in.	1.80	$15.00
Geraniums, 2½-in., Jno. Doyle, La Favorite, Jean Viaud, S. A. Nutt, Heteranthe, Mme. Salleroi	2.50	25.00
Heliotrope, purple, 4 good sorts, 2½-in.	2.50	
Vinca Variegated, 4-in.	7.00	
Violets, 2½-in., Princess of Wales, California and Luxonne	2.50	20.00
Hardy Pink Hibiscus, Moscheutos, 1-year-old field plants, fine stock	3.00	25.00
Hardy Hibiscus, crimson eye, 1-year-old field plants	2.50	
Ferns, Boston, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Piersoni, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Scottii, 2½-in.	3.00	

ROSES, 150 sorts, 2½-in. and 4-in. Write for prices. Send for our General Trade List of Roses, Carnations, Geraniums, Mums, Miscellaneous Bedding plants, Coleus, Cannas, Hardy Shrubbery and Plants, Palms and Miscellaneous Flowering and Ornamental plants. **Send for it today.**
SPRINGFIELD FLORAL CO.
SPRINGFIELD, OHIO
Mention The Review when you write.

First-class CARNATION CUTTINGS that will give satisfaction

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$15.00
Cardinal	25.00	Mrs. Lawson	15.00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

5 per cent discount for cash with order.
HENRY BAER, R. F. D. 8, **Peoria, Ill.**
Mention The Review when you write.

Rooted Carnation Cuttings

Enchantress.....$2.00 per 100; $18.00 per 1000
Boston Market.... 1.50 per 100; 12.50 per 1000
Mrs. Lawson..... 2.00 per 100; 18.00 per 1000
We prepay express and guarantee to please you in every way.
S. T. Danley, Macomb, Ill.

CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.00
Geraniums, 10 var., my selection, 2-2½-in.	8.00
Asp. Plumosus and Sprengeri, 2-in.	1.75
Pansy Plants, $3.00 per 1000, from frames	.50

—CASH—
JOSEPH H. CUNNINGHAM, Delaware, Ohio
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1526 Ranstead St., PHILADELPHIA

—THE CHOICEST—
Mid-winter Flowers

Of all the Standard Varieties in any quantity.

GARDENIAS, Choice Flowers, in Quantity.

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Wholesale Cut Flower Prices.

Philadelphia, Jan. 30.

	Per doz.
Beauties, Specials	$9.00 to $10.00
" Extra	6.00 to 7.50
" Medium	3.00 to 5.00
" Short	1.00 to 2.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00 to $18.00
" " Select	10.00 to 12.00
" " Ordinary	5.00 to 8.00
Richmond, Liberty, Fancy	25.00 to 30.00
" Select	10.00 to 15.00
" Ordinary	5.00 to 8.00
Killarney, Chatenay, Select	12.00 to 15.00
" " Ordinary	5.00 to 8.00
Golden Gate, Select	12.00 to 15.00
" " Ordinary	6.00 to 10.00
Carnations, Fancy	6.00
" Select	4.00 to 5.00
" Ordinary	2.00 to 3.00
Harrisii Lilies	per doz., $2.00
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch	50c
" Sprengeri, bunch	50c
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Camellias	per doz., $3.00
Cattleya Trianæ	50.00
Cypripediums	15.00
Callas	per doz., $1.50 to $2.00
Violets, Single	.50
" Double	.75 to 1.00
" White	1.50
White Cattleyas	50.00
Gardenias	40.00
Bouvardia	3.00 to 4.00
Pansies	.75 to 1.00
Snapdragon	3.00 to 4.00
Sweet Peas	.75 to 1.50
Daisies, White and Yellow	1.50 to 3.00
Roman Hyacinths	2.00 to 3.00
Paper White Narcissus	3.00 to 4.00
Mignonette, Fancy	8.00
" Ordinary	2.00 to 4.00
Single Daffodils	4.00
White Lilacs	per bunch, 1.00
Freesias	3.00 to 5.00
Golden Spur	5.00 to 6.00
Tulips	4.00

Cleveland, Jan. 30.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00
	Per 100
Brides and Bridesmaids	$ 6.00 to $15.00
Carnations	3.00 to 6.00
Violets	1.00 to 1.50
Sweet Peas	1.00 to 1.50
Pansies	1.00 to 1.50
Tulips	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

Milwaukee, Jan. 30.

	Per 100
Beauties, Medium	$15.00 to $18.00
" Shorts	6.50 to 10.00
Bride and Bridesmaid	6.00 to 10.00
Golden Gate, Chatenay	6.00 to 10.00
Richmond	8.00 to 10.00
Perle	6.00 to 10.00
Carnations	2.00 to 4.00
Valley	3.00
Stevia	2.00
Violets	.50 to .75
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00
Paper Whites, Romans	3.00
Callas	18.00
Trumpet Major	3.00

ALL our replies have mentioned the REVIEW.—GOSHEN FLORAL CO., Goshen, Ind.

W. E. McKISSICK, Wholesale Florist

1221 FILBERT STREET, PHILADELPHIA

Bunch Plumosus and White Lilac

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CUT FLOWERS—SUPPLIES—WIRE DESIGNS

Special Attention Given to Shipping Orders. 606 Huron Road, Cleveland, O.

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WE ARE THE LARGEST GROWERS OF

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Guaranteed, $1.25 per bunch; $12.00 per dozen bunches.

Lacroix & Raimbault, Buena, N. J.

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11 SOUTH 16TH STREET, PHILADELPHIA, PA.

Choice Flowers, Leucothoe Sprays, Selected Galax, $7.50 per case.

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A Good Opening for a first-rate carnation grower.

WILLIAM J. MOORE, Wholesale Florist, 1237 Filbert St., Philadelphia.

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217-223 DIAMOND STREET

All Cut Flowers and Florists' Supplies

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Send for Price List.

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Store opens 7 a. m., closes 8 p. m.

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OUT-OF-TOWN FLORISTS promptly attended to. Telephone for what you want.

Reasonable Prices, Square Dealing. Tel. 3860, 3861 Madison Square.

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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

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Room for a few more first-class growers of American Beauties Violets and Carnations.

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Open 6 a. m.

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We manufacture all our METAL DESIGNS, BASKETS, WIRE WORK and NOVELTIES and are dealers in Glassware, Decorative Greens and all Florists' requisites.

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Wholesale Cut Flower Prices.

New York, Jan. 28.

	Per 100
Beauties, Specials	$75.00 to $100.00
" Fancy	40.00 to 60.00
" Extra	20.00 to 35.00
" No. 1	10.00 to 20.00
" No. 2	8.00 to 10.00
" Shorts	4.00 to 6.00
Brides and Maids, Special	15.00 to 20.00
" " Extra	12.00 to 15.00
" " No. 1	6.00 to 10.00
" " No. 2	3.00 to 6.00
Golden Gate, Chatenay	3.00 to 20.00
Killarney	3.00 to 20.00
Richmond	5.00 to 35.00
Orchids, Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 12.00
Gardenias	20.00 to 35.00
Carnations, Common	2.50 to 5.00
" Selects	4.00 to 6.00
" Fancies and novelties	8.00 to 10.00
Violets	.50 to 1.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	12.00 to 15.00
Lily of the Valley	1.00 to 3.00
Smilax	8.00 to 12.00
Paper Whites	1.00 to 2.00
Callas	10.00 to 15.00
Hyacinths	1.00 to 2.00
Tulips	2.00 to 3.00
Lilacs	bunch, 75c to 1.50
Daisies	1.00 to 3.00

B. S. SLINN, Jr.

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226-228½ BOWERY, NEW YORK

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ESTABLISHED 1872

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57 West 26th Street, Cor. 6th Ave. NEW YORK

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Headquarters now in the Coogan Bldg.

in close touch with the market.

Best Facilities and Accommodations

for growers in the city.

Orchids, mums, asparagus, smilax; all kinds of cut flowers in their season. On the ground floor; convenient for our customers.

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The Largest Shippers and Receivers of Fresh Cut Flowers

☞A complete assortment of the best in the market can always be relied upon.

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106 Livingston St., BROOKLYN, N. Y.

Telephone 4638 Main.

Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

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Commission Dealer in CUT FLOWERS

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Between Broadway and 6th Ave., New York

SHIPMENTS OF PLANTS made to any part of the country. A trial order solicited.

SATISFACTION GUARANTEED.

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Roses, Carnations, Valley, Orchids, Gardenias, Violets and Every Variety of Cut Flowers.
Richmond Roses—Out-of-town shipments. Write or telegraph for them.
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Wholesale Cut Flower Prices.

Chicago, Jan. 30.

	Per doz.
Beauties, long stems	$ 6.00 to $8.00
" 36-inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75
	Per 100
Bridesmaids, Specials	$10.00 to $15.00
" Firsts	6.00 to 8.00
Brides, Specials	10.00 to 15.00
" Firsts	6.00 to 8.00
Richmond, Specials	15.00 to 25.00
" Firsts	6.00 to 12.00
Liberty	6.00 to 25.00
Golden Gate, Firsts	10.00 to 15.00
" " Seconds	6.00 to 8.00
Killarney	8.00 to 25.00
Uncle John	6.00 to 15.00
Perle	6.00 to 15.00
Chatenay	6.00 to 15.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00 to 6.00
Violets, double	.75 to 1.00
" single	.50 to 1.00
Cattleyas..per doz., $6.00 to $7.50	
Dendrobium—	
Formosum....doz., $3.00 to $5.00	
Cypripediums...doz., 2.00	
Harrisii	15.00 to 18.00
Callas	12.00 to 15.00
Valley	2.00 to 4.00
Jonquils	4.00 to 5.00
Tulips	3.00 to 5.00
Sweet Peas	1.00 to 1.50
Paper Whites, Romans	3.00 to 4.00
Freesias	4.00
Mignonette	6.00 to 8.00
Asparagus, Strings	50.00 to 60.00
" Sprays, per bunch....75c	
" Sprengeri, " 25-35c	
Ferns.....per 1000, $2.50	.25
Galax.....per 1000, $1.00 to 1.50	.15
Adiantum Cuneatum	1.00 to 1.50
" Croweanum	2.50
Smilax.....per doz., $1.50 to $2.00	12.00 to 15.00

Buffalo, Jan. 30.

	Per doz.
Beauties, Specials	$8.00
" Fancy	6.00
" Extra	4.00
" First	2.50
	Per 100
Brides and Maids, Extra	$12.00 to $15.00
" " No. 1	10.00 to 12.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 20.00
Golden Gate	5.00 to 10.00
Perle	5.00 to 8.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	.75 to 1.25
Stevia	1.00 to 1.25
Romans and Narcissi	2.50 to 3.00
Freesias	2.00 to 3.00
Tulips	3.00 to 4.00

THE REVIEW has helped me more than you could ever know.—F. D. HARTSHORN, Augusta, Me.

I WOULD about as soon stop the business as stop the REVIEW.—C. R. YOUNG, New Portage, O.

I AM much pleased with the REVIEW and would not do without it.—PERLEY R. FOLLETT, Haverhill, Mass.

I THINK the REVIEW is the best paper for florists. It is a great help and very instructive.—P. W. MASON, Bernardsville, N. J.

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Cincinnati, Jan. 30.

	Per 100.
Beauties Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	10.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 10.00
Kaiserin	4.00 to 10.00
Liberty	6.00 to 20.00
Meteor	4.00 to 10.00
Perle and Sunrise	3.00 to 8.00
Carnations	2.00 to 8.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.50
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Tulips	3.00 to 4.00

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Wholesale Cut Flower Prices.

St. Louis, Jan. 30.

	Per doz.	
Beauties, Specials	$ 4.00 to	$6.00
" Extra	2.50 to	3.00
" Shorts	1.00 to	2.00
	Per 100	
Brides and Maids, Specials	$ 8.00 to	$15.00
" " No. 1	5.00 to	6.00
Golden Gate	6.00 to	15.00
Richmond	6.00 to	15.00
Carnot	6.00 to	15.00
Carnations, Common	2.00 to	3.00
" Fancies	4.00 to	5.00
Adiantum	1.00 to	1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	3.00
Lily of the Valley	3.00 to	4.00
Smilax	12.50 to	15.00
Violets	.35 to	.50
Paper Whites	2.00 to	3.00
Romans	1.00 to	3.00

Pittsburg, Jan. 30.

	Per doz.	
Beauties, Specials	$ 6.00 to	$ 7.50
" Fancy	4.00 to	5.00
" Medium	2.00 to	3.00
" Short	.75 to	1.00
	Per 100	
Brides and Bridesmaids, Fancy		$15.00
" " " Medium	$10.00 to	12.00
" " " Short	4.00 to	6.00
Richmond, Specials		20.00
" Select		15.00
" Ordinary	6.00 to	10.00
Killarney	8.00 to	20.00
Chatenay	8.00 to	15.00
Perle	4.00 to	10.00
Bon Silene		4.00
Cusin	4.00 to	8.00
Carnations, Ordinary	2.00 to	3.00
" Fancy	4.00 to	5.00
Sweet Peas	.75 to	1.00
Adiantum	1.00 to	1.50
Asparagus Plumosus, Strings	30.00 to	50.00
" Sprays, bunch, 40c-50c		
" Sprengeri, b'h, 40c-50c		
Smilax	12.50 to	15.00
Valley	3.00 to	4.00
Violets, double	.75 to	1.25
Paper Whites		3.00
Roman Hyacinths	1.00 to	3.00
Freesias	2.00 to	4.00
Tulips	3.00 to	4.00
Cypripediums		15.00

Wholesale Cut Flower Prices.

Boston, Jan. 30.

	Per 100.	
Beauties, Specials	$40.00 to	$75.00
" Extra	20.00 to	40.00
" Short Stems	8.00 to	20.00
Brides, Specials	12.00 to	16.00
" Seconds	6.00 to	8.00
Bridesmaids, Specials	12.00 to	16.00
" Seconds	6.00 to	8.00
Chatenay	6.00 to	16.00
Wellesley, Killarney	8.00 to	20.00
Liberty, Richmond	8.00 to	35.00
Carnations, Special	5.00 to	6.00
" Select		4.00
" Ordinary		3.00
Lily of the Valley	2.00 to	4.00
Asparagus Plumosus, Strings	30.00 to	50.00
" Sprays, bunches	25.00 to	50,00
" Sprengeri, bunches		25.00
Adiantum Cuneatum	.50 to	1.00
Smilax	10.00 to	12.00
Harrisii	12.00 to	16.00
Violets	.30 to	.75
Cattleyas	35.00 to	50.00
Cypripediums		12.00
Callas		12.00
Antirrhinum	2.00 to	4.00
Sweet Peas	1.00 to	1.50
Mignonette	2.00 to	4.00
Paper Whites, Romans	2.00 to	2.50
Tulips	2.00 to	4.00
Daffodils	3.00 to	6.00
Freesias	3.00 to	4.00

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Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

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All orders given prompt attention.

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Will take proper care of your orders in **WISCONSIN**

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MANCHESTER, MASS.

The North Shore Horticultural Society held its regular meeting January 18, President McGregor in the chair and a large number present. Herman Theimann was elected an honorary member. President McGregor appointed the following committees: Essays and discussions—Messrs. Till, Mitchell and Allen; banquets—Messrs. Baker, Till, Morrison, Wetterlow, Parsons and Allen. Resolutions of sympathy on the death of Mrs. R. C. Hooper were adopted. Messrs. Jackson, Sanborn and Baker were appointed to convey the same to Mr. Hooper and daughter.

The subject for the evening was "Annuals." Herbert Shaw read a paper in which he advocated the cultivation of the old reliable varieties where garden space is limited; and in any case to proceed cautiously with the new varieties until they have proved their adaptability as regards soil, location and their use as cut flowers or their value as bedding or ornamental plants. An interesting debate followed, many of the members taking part. The subject of imported annual seeds was brought up and discussed. It was voted to continue the discussion at the next meeting, February 1.

WILLIAM TILL.

S. MASUR

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SEATTLE, WASH.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

Steamer—	From—	To—	Sails—
Deutschland	New York	Naples	Feb. 4
Ivernia	Boston	Liverpool	Feb. 5
Kroonland	New York	Paris	Feb. 6
Arabic	New York	Japan	Feb. 7
Momus	New Orleans	Havana	Feb. 9
K. Luise	New York	Naples	Feb. 9
K. Wm. II	New York	Bremen	Feb. 12
Vaderland	New York	Paris	Feb. 13
Cedric	New York	Egypt	Feb. 16
Momus	New Orleans	Havana	Feb. 16
Trent	New York	Barbados	Feb. 16
Hamburg	New York	Gibraltar	Feb. 18
Saxonia	Boston	Liverpool	Feb. 19
Main	New York	Bremen	Feb. 21
Cymric	Boston	Liverpool	Feb. 21
Momus	New Orleans	Havana	Feb. 23
K. Albert	New York	Genoa	Feb. 23
Canopic	Boston	Egypt	Feb. 23
Cassel	New York	Bremen	Feb. 24
Kronprinz	New York	Plymouth	Feb. 26
Oceanic	New York	Liverpool	Feb. 27
Friedrich	New York	Naples	Mar. 2
Momus	New Orleans	Havana	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Momus	New Orleans	Havana	Mar. 9
Hannover	New York	Bremen	Mar. 14
Momus	New Orleans	Havana	Mar. 16
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Momus	New Orleans	Havana	Mar. 23
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30

CARSON, IA.—James McSweeney has closed out his stock and gone out of business.

DAYTON, O.—The Miami Floral Co. has increased its capital stock from $30,000 to $50,000.

ZANESVILLE, O.—E. G. Soller has succeeded to the business of which H. D. Fogg was formerly proprietor.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

A CONTEST is being made against the will of the late George Ellwanger, of Rochester.

J. H. HADKINSON, now located at Benson, Neb., is doing a job of landscape work at the courthouse at Norfolk, Neb.

AT Geneva, N. Y., the nurserymen report the coldest weather, January 24, since 1897. It was 18 degrees below zero and some injury to stock is feared.

W. H. WYMAN, of the Bay State Nurseries, North Abbington, Mass., sailed for Europe January 23 to superintend the packing and shipping of large quantities of specimen evergreens, rhododendrons and other stock he is importing this season.

JOHN S. KERR, chairman of the legislative committee in charge of the Texas horticultural interests, has called a meeting of the full committee at Austin February 5, preceding the meetings of the state nut growers' organization and the State Horticultural Society. F. T. Ramsey, E. W. Kirkpatrick and F. W. Mally are among the nurserymen on the committee.

THE Xenia Star Nursery Co. will not move away from Xenia, O., as has been the intention for some time, arrangements having been made by Messrs. Gaines and McNary for the purchase of the M. C. Bailey farm, on the Dayton pike, which the company has had leased for ten years. The ten-year lease expires in a few months and as a satisfactory arrangement could not be reached for a renewal of the lease the company had decided to move. As that would be a very expensive proposition, negotiations were begun for the purchase of the farm, which consists of more than a hundred acres of the best land in that section of the country.

WANTS PUBLICATION.

"I, as one of the executive committee of the Oklahoma Nurserymen's Association, will say that we shall immediately ask the board of agriculture to adopt a new plan in the way of giving out its financial statements, especially those that apply to the inspection of nurserymen," said J. T. Pierce, of Oklahoma City. Continuing, Mr. Pierce said: "There are a certain number of nurserymen alleged who have been inspected, according to the financial report as made. The nurserymen pay for this inspection, which is promised to them at absolute cost. Why would it not be just and right that each one of these nurserymen's names be given in the report, his residence, the number of his inspection, and the amount he had to pay? There were only eighty-seven inspected. The matter is of enough importance to be entitled to an itemized statement of the whole thing. The law requires that the entomologist from the experiment station at Stillwater must make the inspection, for which he shall receive $5 per day and his expenses. This expense is prorated to the nurserymen inspected. If every inspection is contained in an itemized statement and made a part of the secretary's annual report, then the whole matter would be plain. As it is, there is so much apportioned for 'nursery inspection,' and that is all there is to show for it."

RETAILERS MEET.

A meeting of the National Association of Retail Nurserymen was held at Rochester January 22. Trade conditions were discussed. Wm. Pitkin is president. In the evening the fourth annual banquet took place at the Eureka Club, 100 being present. C. J. Malloy was one of those who responded to toasts, his subject being "The Square Deal."

Among the members present from outside of Rochester were: Orlando Harrison, of Berlin, Md., president of the American Association of Nurserymen; E. Albertson, Bridgeport, Ind., chairman of the executive committee and official representative of the American Association of Nurserymen; Prof. John Craig, of Cornell; George S. Josselyn, Fredonia; D. H. Henry, C. G. Chase and Theodore J. Smith, Geneva; James M. Pitkin, postmaster, Newark, N. Y.; O. D. Green, Syracuse; George C. Perkins, John Watson, C. H. Stuart, William W. Gould, Arthur M. Christy, Newark, N.Y.; and W. T. Wood, Richmond, Va.

The committee in charge of the dinner was: B. F. Allen, chairman; W. W. Wyman, E. S. Osborne and Charles L. Yates.

NEW YORK HORTICULTURISTS.

The annual meeting of the Western New York Horticultural Society always attracts a large body of fruit growers to Rochester, and consequently a large following of nurserymen. The fifty-second meeting was held January 23 and 24. The membership is 900. The remarkable midwinter exhibit of fruit was greatly enjoyed. The exhibit of the New York Agricultural Experiment Station was one of the finest and most practical ever shown in connection with these annual meetings, while the exhibits by firms and individual members have never been equaled. The total number of plates was over 600, and George T. Powell, an expert in fruit culture and in judging of fruit, and who acted on the committee to report on this exhibit, declared that the perfection in form and color was equal if not superior to anything produced on the Pacific coast or in the great northwest fruit-growing region.

The display of spraying devices and outfits, with engines in action, was by far the largest and most successful ever assembled in this section, and the demonstration that was given won many customers for the various exhibitors.

The first business to come before the meeting was the election of officers. W. C. Barry was reëlected president and S. D. Willard, of Geneva; J. S. Woodward, of Lockport; F. B. Wilson, of Halls Corners, and B. J. Case, of Sodus, were

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Now ready. Send for it.
Hybrid Perpetuals, 2½-in. pots.....$27.50 per 1000
Creepers and climbers ..... 20 00 per 1000
Young stock for transplanting. Give orders now or you will be disappointed.
ELIZABETH NURSERY CO., Elizabeth, N. J.
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MANETTI STOCKS
ESPECIALLY FOR FLORISTS' USE. BEST FRENCH-GROWN.
First size, 5 to 10 m-m., per 1000.....$9.00; per 10,000.....$80.00.
Newark prices. DUTY PAID. For prompt delivery, order NOW and avoid disappointment.
ROSES, two years, field-grown, well rooted.
DOROTHY PERKINS..... per 100, $8.00
CRIMSON RAMBLER..... " 10.00
HYBRID PERPETUALS, in good assortment.....per 100, $10.00 to 12.00
Send for our Wholesale Price List of ROSES, CLEMATIS, FLOWERING SHRUBS, CONIFERS, etc.
JACKSON & PERKINS CO., NEWARK, NEW YORK. (Wayne County.)

NEW ENGLANDS' WHOLESALE NURSERIES.
Headquarters for ORNAMENTAL Nursery Stock of every description.
Evergreen and Deciduous Trees, Shrubs, Vines, Roses, RHODODENDRONS, Azaleas, Box Trees, HERBACEOUS PERENNIALS.
General Catalogue free. Wholesale Trade List on application.
BAY STATE NURSERIES, -- NORTH ABINGTON, MASS.
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47,960 Low Budded Roses in 26 Varieties
I offer for February delivery from my cellars here, the entire Surplus Roses grown by the Heikes-Biloxi Nurseries. No. 1, $95.00 per 1000; No. 1½, $65.00 per 1000.
Privet Cuttings, $1.25 per 1000; 10,000 for $10.00. Correspondence solicited.
HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.
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Hedge Plants
W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Nurserymen
Ornamental Trees, Fruit Trees, Shrubs, Vines, Peonies.
61 Years. Send for our Wholesale Price List. 600 Acres.

elected vice-presidents. John Hall, of Rochester, to whose efforts much of the success of the society is due, was re-elected to the secretaryship for the seventeenth successive year.

There is a long list of committees, on some of which the nursery interest is well represented, as follows:

Executive Committee—C. M. Hooker, Rochester; Duane Bogue, Medina; I. H. Dewey, Rochester; H. S. Wiley, Cayuga.

Botany and Plant Diseases—Professor F. C. Stewart, Geneva; Dr. L. H. Bailey, Ithaca; Albert Perkins, Rochester; C. H. Stewart, Newark; Willis T. Mann, Barker.

Foreign Fruits—Irving Rouse, Rochester; I. H. Babcock, Lockport; Frank E. Rupert, Seneca; John Charlton, Rochester; H. J. Peck, Brighton; Nathan Wood, Carlton.

Flowers and Bedding Plants—William Scott, Buffalo; Charles J. Malloy and John A. Charlton, Rochester; Duncan Rhind, Canandaigua.

Grapes and Small Fruits—Delos Tenny, Hilton; Edward H. Pratt and George S. Josselyn, Fredonia; Laurence, J. Farmer, Pulaski.

Legislation—S. D. Willard, Geneva; C. M. Hooker and C. H. Hooker and William Pitkin, Rochester; Albert Wood Kent, D. S. Beckwith, Albion.

Native Fruits—W. C. Barry, Rochester; Prof. L. H. Bailey, Ithaca; Prof. W. P. Hedrick and S. D. Willard, Geneva; W. J. Edmunds, Brockport; Prof. John Craig, Ithaca.

Nomenclature—Prof. W. P. Hedrick and S. D. Willard, Geneva; W. J. Edmunds, Brockport; W. C. Barry, Rochester; John Craig, Ithaca.

Ornamental Trees and Shrubs—C. C. Laney, Rochester; Nelson Bogue, Batavia; T. J. Smith, Geneva; C. J. Malloy and John Dunbar, Rochester.

FORESTER FOR RAILROAD.

E. A. Sterling, formerly assistant forester in the Department of Agriculture at Washington, has been appointed forester of the Pennsylvania railroad. Mr. Sterling will be the first forester of an American railroad. He will assume his duties March 1. The action of the Pennsylvania railroad in taking up forestry is for the purpose of planting trees systematically to furnish a cross-tie supply in future years, and follows experiments which the company has been making in the last five years. During this time a million and a half trees have been planted on land owned by the company. A government forestry expert was engaged last spring to assist the management in planning its forestry work, which is now to be undertaken officially by the company. Six hundred and eighty-one acres of land near Altoona, Pa., will, in the springs of 1907 and 1908, be planted with chestnut and red oak seedlings.

American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

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3 NEW CANNAS

WILLIAM SAUNDERS

The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that Wm. Saunders is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA

Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.

NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 18 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK

Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.

Send for our list and prices of 60 other leading varieties of Cannas.

ROSES, are our great specialty, 2¼ and 4-inch pot plants we have in great variety—**Philadelphia Rambler, Crimson Rambler, Dorothy Perkins** and other climbers in strong field plants.

SHRUBBERY, in variety. **Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.**

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AMERICAN BEAUTY ROSES A Fine Lot

Two years, field-grown, budded on Manetti; all of our own growing; strong, sturdy, well ripened, hard wooded, American-grown stock; price, $15.00 per 100. Write for prices on large lots. Send for our **Spring Price List, now ready.** Largest stock and most complete assortment of Roses in the country; leading kinds, either budded or on own roots; list showing varieties, **quantities available,** and prices, sent on request to those in the trade.

JACKSON & PERKINS CO. Nurserymen and Florists Wholesale only **Newark, New York**

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H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France,** $9.00 per 100. **Clematis Paniculata,** $1.00 per doz., $8.00 per 100. **Transplanted Pansies,** 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

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ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

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TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave. **Chicago**

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LARGE TREES

OAKS and MAPLES, PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Roses

101 best sorts. Own roots. 2½ and 4-in. Get our price list. Send your want list.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

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LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

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STOCKS, now ready, $8.50 per 1000.

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EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

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Always mention the Florists' Review when writing advertisers.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

The excess of rainy weather still continues and the end is apparently not yet. We have only had two days of sunshine in the last two weeks and the effect has been to reduce the quantities of stock offered by about fifty per cent. Business, on the other hand, especially in the line of funeral work, has been good and neither the growers nor the retailers have any difficulty in disposing of their stock.

Violets are plentiful and of splendid quality; in fact, they are about the only article of which we have an abundance at this time. The price of roses and carnations has not changed since the holidays, although most of the growers are not cutting more than one-half their usual quantity. Adiantum and cut asparagus are scarcer than they have ever been at this season of the year. None of the growers seems to have any surplus and much trouble is experienced in getting any good stock. Smilax is also well cut down and, although several of the largest growers are keeping houses filled for Easter trade, little of it is offered at present.

Bulbous stock is somewhat easier than at last report, although we have not had sufficient sunshine to bring anything except small quantities into market. Outside mums are gone and a few early sweet peas are making their appearance. California red berries are almost out of season and this useful adjunct to the business will be seen no more until next Thanksgiving.

Various Notes.

At the opening of the new American theater January 21 the town outdid itself in the size and number of the floral designs displayed. The Sievers Foral Co., Boland Floral Co., Pelicano & Co. and the Art Floral Co. had the bulk of the orders.

The continued rainy weather makes business quiet for the retail dealers in the plant line. Things will certainly be lively when they commence, but owing to the lateness of the season, stock is bound to be short.

A. W. Hincks, of C. C. Morse & Co., is visiting the dealers in the nearby towns. G.

UTILIZING EUCALYPTUS.

I made mention a short time ago in these columns that several large tracts of land in California were being planted to several varieties of eucalyptus, with the intention of using the material in railway construction. Along the same lines the forestry service has been experimenting with the more common blue gum, and a few points have been demonstrated which promise to add materially to the wealth of the state and have only recently been brought to light through Prof. L. E. Hunt, the well-known horticulturist. Tests made by Prof. Hunt have demonstrated that eucalyptus can be successfully substituted for some of the hardwoods that are becoming difficult to obtain.

The department has been interested in the use of eucalyptus for manufacturing purposes for some time. Recently, however, the attention of the government has been attracted to the importance of this field and an appropriation was made to aid in conducting a series of experiments. Prof. Hunt has been assisted in the work by A. L. Heim, the government representative, who is an expert and a well-known authority on timber and valuable woods. They have received shipments of timber from a great many places and tests have been made to determine to what extent the rapidly growing eucalyptus could be utilized for manufacturing purposes.

The results of their experiments have been cleverly set forth in a trade bulletin issued by the United States Department of Forestry Service.

The article calls attention to the fact that the eucalyptus has not thus far been extensively used by manufacturers in the United States and giving as a reason that the supply has not been sufficient to establish a market. It states further that blue gum, the most common species in California, has, however, competed with black locust for insulator pins, has given satisfactory service in chisel and hammer handles and has been used for wagon tongues, axles, shafts, spokes and hubs. It is hard, strong and tough and is stronger than hickory, and that fifteen-year-old sugar gum is nearly as strong as black hickory and ninety-one per cent as strong as second growth hickory.

The wood of very sappy trees is apt to warp, but the wood from more mature growths can be easily handled to prevent warping. Early seasoning should proceed slowly and open piling is desirable and the wood should be sheltered until dry.

Many of the eucalyptus family grow most luxuriantly in California and under forest conditions form straight, tall poles, free from branches and have, therefore, especial value as timber trees.

In the light of such information as this, many an owner may begin to plant his barren hillsides out to eucalyptus and doubtless as the industry grows it may even be found profitable to uproot many of the small orchards throughout the state and set out eucalypti in their stead. A grove of this kind can be cut every five years and even for fuel purposes it is said to be a more profitable crop than almost anything else that requires so little trouble to develop. G.

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FIELD-GROWN, OWN ROOTS, VERY FINE, THREE GRADES, LOW PRICES.

Cochet (pink and white) and **Teplitz**, nice plants at $5.00 per 100; also some for $3.50 per 100, prime for lining out, all from the field.

Don't delay if you want to get in on this.

CALIFORNIA ROSE CO., POMONA, CAL.

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ROSES — ROSES — ROSES

Two-year-old, budded, field-grown without irrigation. **American Beauty, Meteor, Bride, Bridesmaid, $9.00 per 100.** Send for list of other varieties.

SUNSET NURSERY, 1506 Dwight Way, BERKELEY, CAL.

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Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for delivery beginning in January, are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110.00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

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Greens

A crate of finest **HUCKLEBERRY** delivered to you, express prepaid, for $5.00. Will please you. Green and bronze, and first-class. **Cheap, too.**

S. L. Harper, Florist, 912 C St., Tacoma, Wash.

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SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Cyclamen Per. Giganteum, 2-in., $5.00 per 100.

Cineraria, Prize Strain, 4-inch, $4.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Hybrid Delphinium, Burbank's Strain, all shades of blue. This strain has been much improved the past year. 25c per 1000 seeds; $1.50 per oz.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

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ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10.00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

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BEACON CARNATION

ORANGE-SCARLET

Comes as near the Ideal Commercial Scarlet as any yet offered.

ORIGINATED AT ELLIS, MASS.

Has been Tested Four Years

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Of Great Commercial Value

Do you want to wear the smile that won't come off? Grow Beacon

Commencing to bloom early in the fall, it gives a profusion of flowers for Christmas (when scarlet is in demand at remunerative prices) and **CONTINUES THROUGHOUT THE WINTER MONTHS.** It may not score so high on the exhibition table as some, but **WILL FIGURE UP ON THE RIGHT SIDE OF YOUR LEDGER** in a manner highly satisfactory.

The blooms, under ordinary culture, average 2¾ to 3 inches in diameter, the guard petals are broad, well arranged and of good substance, the center loosely arranged and not too full. Color scarlet with a dash of orange, which lightens up the flower, especially during dull, dark weather, making it very brilliant and attractive. The stem is long, stiff and wiry. Calyx long and seldom bursts (less than four per cent last winter.) It propagates easily. The plant is a vigorous, healthy grower, of ideal habit, and a most profuse bloomer. A night temperature of 50 to 52 degrees suits it admirably.

A Bench of BEACON in Full Bloom is a Sight not Easily Forgotten

PRICES—Per 100, $12.00 (50 at 100 rate); per 1000, $100.00 (250 at 1000 rate); per 2500, $95.00 per 1000; per 5000, $90.00 per 1000; per 10,000, $80.00 per 1000. In lots of 20,000 or more, cash with order or received prior to shipment, $75.00 per 1000.

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COTTAGE GARDENS CO. QUEENS, N. Y.

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PETER FISHER ELLIS, MASS.

ROOTED Carnation Cuttings

	Per 100	Per 1000
Mrs. T. Lawson	$1.50	$10.00
Lady Bountiful	2.50	17.50
White Lawson	2.50	20.00
White Perfection	5.00	45.00
Victory	5 00	45.00
Robt. Craig	5.00	45.00
Helen Goddard	5.00	45.00
President	2.50	20.00
Morning Glory	1 50	12.50
Lieut. Peary	2.50	20.00
Enchantress	2.00	18.00

Eli Cross, Grand Rapids, Mich.

Rooted Carnation Cuttings

COOL GROWN, STURDY, VIGOROUS

Victory	per 100,	$6.00;	per 1000,	$50.00
Nelson Fisher	"	2.50	"	20.00
Enchantress	"	2.50	"	20.00
Mrs. Patten	"	2.50	"	20.00
The Queen	"	2.50	"	20.00
Robt. Craig	"	6.00	"	50.00
White Lawson	"	3.00	"	25.00
The Belle	"	3.00	"	25.00
Mrs. Lawson	"	2.00	"	18.00
Boston Market	"	1.50	"	12.00

Delivery February 1.

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We wish to ANNOUNCE TO THE TRADE that we have withdrawn our Crimson Carnation

POCAHONTAS

from the market, at least for this season, and perhaps permanently. During the last few weeks of dark weather it has shown an inclination to contract a disease which if allowed to get any headway would speedily ruin it for commercial growing. The strain of dissemination, and subjection to changed methods of culture would undoubtedly cause it to go to pieces right away, and knowing the circumstances it would be unjust to the variety and the trade to let it go out. We will continue to grow it as our main crimson, and if it throws off the disease entirely we may let it go out later, but not until we feel assured that it will trot, and be a credit to us. While we regret this very much, we are grateful that it showed this weakness before we had begun sending out the stock.

A. F. J. Baur BAUR & SMITH F. S. Smith

38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Carnation Cuttings

For February Delivery.	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00
Robert Craig	6.00	50 00
Queen Louise	1.25	10.00

W. B. GIRVIN, Leola, Pa.

Mention The Review when you write.

ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12.50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

Mention The Review when you write.

CARNATIONS---Rooted Cuttings

The Queen, of this variety my stock is extra selected, $2.50 per 100; $20.00 per 1000.

White Lawson	$2.00	per 100;	$15.00	per 1000
Red Lawson	2.00	"	15.00	"
Vesper	2.50	"	20.00	"
Robert Craig	5.00	"	40.00	"

10 per cent off for cash or C. O. D. examination privilege

E. H. BLAMEUSER, - Niles Center, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now will be ready for February and March delivery. Send for price list.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

BRANTFORD, CAN.

Brantford is a beautiful little city of 10,000 inhabitants. It has been identified with the florists' business for over thirty years, its pioneer in the field, James B. Hay, still hale and hearty, conducting a general horticultural establishment at the old stand, with greenhouses and a seed and bulb department.

Thomas A. Ivey, with his three sons and daughter associated with him, has one of the most up-to-date stores in Canada and does an extensive local and shipping business, having agencies in every town and village within a radius of fifty miles. He grows a general assortment in his greenhouses, depending largely on the Dale estate, at Brampton for his cut flowers. On Friday morning, January 25, one of the boilers in his greenhouses exploded, the intense cold causing the accident, but vigorous hustling and the use of stoves prevented serious loss.

The value of system is here proven in every part of his business, and the store is a model in arrangement, convenience and beauty; few better, even in New York. His daughter and son are the artists of the company, and adepts, as may be seen by the illustration of their work, sent out in the form of advertising booklets, which are no small factor in bringing them mail-order business from surrounding towns. J. A. S.

ELBERON, N. J.

The Elberon Horticultural Society held its regular meeting January 21, President Robertson in the chair. One new member was elected and two were proposed for membership. The exhibition table was well filled. The following were the chief exhibits: A vase of Mignonette Golden Machet, shown by P. Murray; a vase of Freesia Purity, by A. Bauer; Roman hyacinths, by J. Kennedy; vegetables, by F. Dettlinger, and violets, by A. Greil.

W. F. Ross, representing the F. R. Pierson Co., Tarrytown, was present and made a few interesting remarks. The exhibitors made instructive remarks about their exhibits. G. M.

...THE...

Chrysanthemum

By Arthur Herrington

Formerly president Chrysanthemum Society of America.

The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

Florists' Publishing Co.,
Caxton Bldg., 334 Dearborn St., CHICAGO.

FINEST OF YOUNG STOCK

Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 19 8.

	R. C. per 1000	2½-in. per 100	2½-in. per 100	3½-in. per 1000
Maid	$18.00	$4 50	$40.00	$55.00
Bride	18.00	4 50	40.00	55.00
Gate	18 00	4.50	40.00	55.00
Uncle John	18.00	4 50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4 50	40.00	55.00
Perle	20 00	5.00	45.00	60.00
Sunrise	20.00	5.00	45.00	60.00
Rosalind Orr English	20.00	5.00	45 00	60.00
Kaiserin Augusta Victoria	4.50	40.00		55.00

CARNATIONS

	Rooted Cuttings per 100	per 1000	2½-in. per 100
White Lawson	$3.00	$25.00	$4.00
Lady Bountiful	3.00	25.00	4 00
L. Perry	3.00	25.00	4.00
Gov. Wolcott	2.50	20.00	3.50
Pink Lawson	2.00	17.50	3.00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25 00	5 00
Red Lawson	4.00	35.00	5.00
Mrs. Martin	2.00	18.00	3.50
Prosperity	2.50	20.00	3 50
Patten	2.00		
Variegated Lawson	4.00	35.00	5.00
Glendale	5.00		6.00

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.

1,000,000 FEET OF GLASS

Send Cut Flower Orders to **35 Randolph St., CHICAGO.**

Send Plant Orders to Greenhouses, **Morton Grove, Ill.**

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

First-class Certificate, Madison and Indianapolis

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. No discount.

Price, $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15 00
Moonlight	2.00	15 00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12 50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

.....THE.....

Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY

824 No. 24th St., PHILADELPHIA, PA.

Always Mention the....

Florists' Review

When Writing Advertisers

ROOTED CUTTINGS OF ROSES

Richmond	per 100, $1.50	per 1000, $12.50		Carnot	per 100, $2.50	per 1000, $20.00	
Kaiserin	" 2 50	" 20.00		Bride	" 1.50	" 12.50	
Perle	" 2.50	" 20.00		Bridesmaid	" 1.50	" 12.50	
MacArthur	" 2.50	" 20.00		Chatenay	" 1.50	" 12.50	

ROOTED CUTTINGS OF CARNATIONS

Enchantress	per 100, $2.50	per 1000, $25.00		Gov. Wolcott	per 100, $1.50	per 1000, $15.00	
Lady Bountiful	" 2.50	" 25.00		Prosperity	" 2.00	" 15.00	
Lawson	" 1.50	" 15.00		Harlowarden	" 2.00	" 15.00	

OUR CUTTINGS ARE ALL STRONG, HEALTHY AND WELL ROOTED.
We sell 500 at 1000 rate. All Cuttings Shipped from HINSDALE, ILLINOIS.

Bassett & Washburn Store and Office, 76 Wabash Ave., Chicago
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

Clean, Healthy, Well Rooted

Carnation Cuttings

READY NOW

	Per 100	Per 1000
Victory	$6 00	$50.00
Enchantress	2.00	18.00
White Lawson	3 00	25.00
Lady Bountiful	3.00	25 00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12 50
Boston Market	1.50	12.50

VAUGHAN & SPERRY
58-60 Wabash Ave. CHICAGO

Mention The Review when you write.

ROOTED CUTTINGS CARNATION

Helen Goddard

Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Penn.	20.00
Red Sport	25.00	Mrs. Patten	20 00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

Mention The Review when you write.

Ferns From Bench

Boston Ferns, 4-in., 10c. Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; runners, $1.50 per 100.

Rooted Cuttings, Prepaid per 100. Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds; Double petunias, 10 kinds; Swainsona Alba, $1.00. Paris Daisy, giant white, yellow, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds 50c. Flowering Begonias, 8 kinds, $1 25. Rex Begonias, 20 kinds, mixed, $1.25. Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

Mention The Review when you write.

ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 3 kinds, 60c. **Vinca** var., 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. **German Ivy,** 60c. **Fuchsias,** $1.00. Giant Marg. **Daisies,** white, $1 00. **Alternantheras,** red and yellow, 50c. **Heliotropes,** blue, 85c. **Verbenas,** mixed, 60c. Cash.

Umbrella Plants, 2-in., $1.50 per 100.
Ferns, Scottii and **Piersoni,** 2¼-in., 3c.
Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's** best seed, $1.25 per 100, prepaid. Cash. **SHIPPENSBURG FLORAL CO.**
Shippensburg, Pa.

Mention The Review when you write.

Selected Carnation Cuttings

FROM FLOWERING STEMS ONLY.

January Delivery	Per 100	Per 1000
3000 BEACON	$12.00	$100.00
5000 ROBERT CRAIG	6 00	50.00
5000 ENCHANTRESS	2.50	20.00
2000 MRS. PATTEN	2.50	20.00
500 VARIEGATED LAWSON	6.00	50.00

February Delivery

4000 WINSOR, January Rooted, from 2-inch pots, extra fine stock, $12.50 per 100.

February Delivery	Per 100	Per 1000
7500 BEACON	$12.00	$100.00
5000 ROBERT CRAIG	6.00	50.00
3000 OCTOROON	2.50	20.00
4000 ENCHANTRESS	2.50	20.00
2000 MRS. PATTEN	2.50	20.00
1000 VARIEGATED LAWSON	6.00	50.00
1000 LIEUT. PEARY	3 50	30.00

March Delivery	Per 100	Per 1000
7500 BEACON	$12.00	$100.00
5000 ROBERT CRAIG	6.00	50.00
3000 OCTOROON	2.50	20.00
4000 ENCHANTRESS	2.50	20.00
2000 MRS. PATTEN	2.50	20 00
1000 VARIEGATED LAWSON	6.00	50.00
1000 LIEUT. PEARY	3.50	30.00

When above are sold we shall have no more Carnation Cuttings to offer.

COTTAGE GARDENS CO., Queens, N. Y.

Mention The Review when you write.

ROOTED CUTTINGS

Our stock WON at Toronto.

Our stock of Rooted Cuttings is CLEAN and HEALTHY.

Here is our list:

	Per 100	Per 1000		Per 100	Per 1000
Red Riding Hood, scarlet	$12.00	$100.00	Bountiful	$3.00	$25.00
Rose-Pink Enchantress	7.00	60.00	Lieut. Peary	4.00	30.00
White Perfection, pure white.	6.00	50.00	Cardinal	4.00	30.00
Daybreak, Lawson or Melody.	6.00	50.00	Red Lawson	4.00	30.00
Helen Goddard	5.00	45 00	Victory	6.00	50.00
Fiancee	4.00	30.00	Variegated Lawson	3 00	25.00
White Lawson	3.00	25.00	Harlowarden	2.00	15.00

WHITE PERFECTION

THE BEST WHITE at Toronto show.
OUR STOCK WON in every entry.
We have the largest stock of WHITE PERFECTION in the country.

Ready for delivery NOW.

100,000 First-class Rooted Cuttings at $6.00 per 100; $50.00 per 1000.

CHICAGO CARNATION CO.

A. T. PYFER, Manager. JOLIET, ILL.

Always Mention the....

Florists' Review

When Writing Advertisers

THE DEATH ROLL.

Jettie Robinson Dew.

Jettie Robinson Dew, the wife of Arthur H. Dew, passed away December 19, 1906, aged 30 years, after nine weeks of illness. Until recently her health was considered excellent, when suddenly she became ill with stomach trouble and continued to grow worse. All that human skill could do was of no avail.

Mrs. Dew was born at Albion, Mich., and all her life was spent in this place. She graduated from Albion college in 1892. She was a faithful member of the Presbyterian Church. She leaves a husband and a little daughter, Gwendolyn. Dorothy, the first-born, died three years ago.

Arthur J. Newton.

Arthur J. Newton, head of the Newton Floral Co., of Norfolk, Va., died at his home January 22, after a week's illness from pneumonia, at the age of 62 years.

Mr. Newton came from the north to Norfolk fifty years ago. He married Annie P. Odend'hal, of Norfolk, who, with four sons, survives him. The sons are: Arthur M., Ernest J., William J. and Alton R. Newton. He also leaves a brother, John Newton, of Hartford, Conn., and four sisters: Miss Hannah Newton, of New York city, Mrs. Olive Brittingham, of Mt. Vernon, N. Y., Mrs. Sylvia Rice, of Massachusetts, and Mrs. Erasmus Gornsey, of New York city.

For many years Mr. Newton was an extensive truck gardener in Norfolk county, but for a number of years he has been at the head of the Newton Floral Co. in Norfolk, which had a small beginning, but which has grown to its present extensive proportions. He was also president of the Mutual Benefit Association, a farmers' insurance company of Norfolk, Princess Anne and Nansemond counties. He was a prominent member of the Methodist church. The funeral occurred January 25 at the residence, relatives from the north being present.

PITTSBURG.

The Market.

There have been no large decorations the last week and the continued high prices have had the effect of putting a damper on small buyers, so that most of the retailers are complaining, but stock still continues scarce and it takes it all to take care of what trade there is.

The weather has been extremely cold since January 22, with the thermometer hovering around the zero mark. The coldest reported was at L. I. Neff's place, at Springdale, Saturday night, when the thermometer registered 14 degrees below zero, falling 12 degrees between 11 o'clock and midnight.

Various Notes.

The Pittsburg wholesale florists' employees' first dance will be held at Cyclorama parlors, Monday evening, February 11. The committee assures all friends who attend a good time.

The club smoker, held January 22, was not so well attended as usual. The exceedingly cold weather, which set in that afternoon, no doubt had something to do with keeping some of the boys looking after their houses. However, those who were there had a pleasant time. Ed McCollum, of the Pittsburg Florists' Exchange, and George Marshall, of the Pittsburg Cut Flower Co., did a funny stunt in black and white in which they touched up almost every one in the trade. It was a feature of the evening and everything said was original. All were pleased with the genuine wit they displayed. There would be an opening for them if they changed their line of business. During the evening a short business session was held for the nomination of officers for the ensuing year. By unanimous vote all the old officers were nominated for re-election.

The club has had a successful year, growing in membership, and also has a nice nest egg in the treasury. At the next meeting we expect reports from those who attended the carnation convention at Toronto. The delegates arrived home Saturday morning after a pleasant trip, and all praise the kind treatment given them by our Canadian brethren. Hoo-Hoo.

YOUNGSTOWN, O.—E. Hippard is again about, after undergoing an operation in the hospital.

WASHINGTON, D. C.—F. H. Kramer has decided to postpone the distribution of Queen Beatrice rose for one year.

AMES, IA.—A new Agricultural hall to cost $300,000 is well under way at the Iowa State College at Ames. The total enrollment is 1,600. The course in horticulture includes floriculture.

MALDEN, Mass.—D. F. Roy, superintendent of the Converse estate, and who has had charge of Pine Banks park for some years, has been elected one of the park commissioners of Malden.

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
Nelson Fisher (cerise)	2.00	17.50
LIGHT PINK		
Enchantress	2.50	22.50
VARIEGATED		
Mrs. Patten	2.00	17.50

WHITE	Per 100	Per 1000
Boston Market	$1.25	$10.00
Lady Bountiful	2.00	17.50
White Lawson	3.00	25.00
RED		
Robert Craig	6.00	50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Sunrise	3.00	25.00
Uncle John	$1.50	$12.50
Chatenay	1.50	12.50
Ivory	1.50	12.50
Perle	2.00	17.50

BENCH PLANTS

One-year-old plants from benches, Liberty, Ivory, Perle, ready now, $5.00 per 100; $40.00 per 1000. American Beauty, March delivery, $10.00 per 100; $75.00 per 1000.

Peter Reinberg

51 Wabash Ave., CHICAGO

Mention The Review when you write.

CARNATION CUTTINGS READY

Order in time. Don't delay. Our cuttings are strong, healthy, and well rooted. Unrooted cuttings at half price.

	100	1000
Enchantress	$2.00	$17.00
Crusader	1.75	12.50
Boston Market	1.50	12.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00
Candace	5.00	40.00

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

Mention The Review when you write.

ROSES

We have 50,000 now in 2-inch, about ready to shift. Send orders in now and say when you want shipped.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

CARNATION CUTTINGS

Rooted cuttings ready of the following varieties:

	Per 100	Per 1000
Enchantress	$2.00	$18.00
Mrs. Thomas Lawson	1.50	12.00
Boston Market	1.25	10.00

Special quotations on unrooted cuttings.

OTTO HAGEN, 244 W. Winona St., Chicago

Mention The Review when you write.

Carnation Cuttings Ready for immediate shipment

Victory	per 100,	$6.00	per 1000,	$50.00
Pink Patten	"	5.00	"	40.00
Var. Lawson	"	4.00	"	30.00
Lady Bountiful	"	3.00	"	25.00
Enchantress	"	2.50	"	20.00
B. Market	"	1.50	"	12.50

We can also give you immediate delivery on **Winsor**, one of the best novelties ever offered to the trade.

Jensen & Dekema, 674 W. Foster Ave., Chicago

Always mention the Florists' Review when writing advertisers.

ANNOUNCEMENT

Owing to unavoidable accident and unforeseen delay in the construction of my new addition for the growing of

QUEEN BEATRICE

I find it impossible to produce sufficient young stock to supply the orders already in hand to justify me in disseminating QUEEN BEATRICE this spring. I make this announcement thus early to avoid inconvenence to those who have reserved space for Q. B.

Thanking my many friends for their kind and favorable expression, who have seen the rose grow, and the many patrons who favored me with their liberal orders for 1907 and have consented to leave their orders stand for 1908 delivery.

Thanking you again, I am Most respectfully yours,

F. H. KRAMER, 916 F St., N. W., Washington, D. C.

Mention The Review when you write.

GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,
$120.00 per 1000.
—Order now.—

ROBERT SCOTT & SON,
SHARON HILL, DEL. CO., PA.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 100		Per 1000
Red Lawson	$25 00	Enchantress	$18 00
White Lawson	20.00	Candace	50.00
Pink Lawson	10 00	Robert Craig	50.00
Varieg'd Lawson.	25.00	Cardinal	25.00
Fiancee	25 00	Estelle	15.00
Mrs. Patten	20.00	Lord	10.00
Jessica	45.00	Harlowarden	15.00
Lady Bountiful	18.00	Prosperity	15.00
My Maryland	40.00	Boston Market	10.00

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12 in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3 00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes, 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Robt. Craig	$6.00	$50.00	Mrs. Patten	$2.50	$24.00
Red Sport	3.50		L. Bountiful	3.50	
Enchantress	2.50	24.00	B. Market	1.75	
Melba	1.75	15.00	Seedling 569	4.00	35.00

This Seedling No. 569 is same color as the Mrs. Joost, large flower and very long, stiff stem; also free bloomer. In regard to the quality of our stock, we positively send nothing out without it is A No. 1 good stock, carefully packed.

WM. J. MOORE, 1235 Filbert St., Philadelphia

Mention The Review when you write.

Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER
GREAT NECK, LONG ISLAND, N. Y.

Mention The Review when you write.

VERBENAS 60 FINEST VARIETIES PERFECTLY HEALTHY

Rooted cuttings, our selection	$0.75 per 100;	$6.00 per 1000
Plants, our selection	2.50 per 100;	20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100;	8.00 per 1000
Plants, purchaser's selection	3.00 per 100;	25.00 per 1000

CARNATIONS CHOICE ROOTED CUTTINGS FREE FROM DISEASE

Robt. Craig, scarlet, very productive; **My Maryland,** pure white, good stems; **Cardinal,** scarlet, good flowers; **Jessica,** white, penciled with scarlet, price $6.00 per 100; $50.00 per 1000.

Crisis, Lady Bountiful, Enchantress, price $3.00 per 100; $25.00 per 1000.

Mrs. M. A. Patten, Judge Hinsdale, Flamingo, Buttercup, price $2.00 per 100; $20.00 per 1000.

Mrs. Thomas Lawson, The Queen, price $2.00 per 100; $17.50 per 1000.

Golden Beauty, Prosperity, Gov. Roosevelt, Queen Louise, price $2.00 per 100; $15 00 per 1000.

Mrs. E. A. Nelson, Dorothy, Wm. Scott, Flora Hill, Ethel Crocker, Eldorado, Mrs. Joost, Portia, price $1.50 per 100; $12 00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa**

Mention The Review when you write.

BALTIMORE.

The Market.

The bright, clear weather has again made its appearance and is helping the steady increase in roses and carnations. There has been a steady demand for all kinds of cut flowers. Roses and carnations are both scarce and the price continues high. Narcissi and lilies of the valley are selling well, and in fact all kinds of flowers suitable for funeral work are used. Violets are coming in more regularly but are not up to their usual supply and are bringing fairly good prices. Callas will be a short crop.

Various Notes.

T. W. Besley, the state forester of Maryland, will deliver a course of lectures on tree study and elementary forestry to the teachers of the public schools here.

J. J. Perry and Miss Effie L. Shipley were married Thursday evening, January 24. Mr. Perry is the manager of the Baltimore Florists' Exchange and is well known among the trade.

An abundance of fern leaves are growing on the hills of the old Franklin road.

W. Keir, of Pikesville, had an unusual experience January 23, when reaching home, to find one of his houses nearly frozen out. It was a case of pitch in and fire up. The damage was slight. After this he will have a night fireman during the cold spell.

The heavy mortality in Baltimore last week increased business in the way of funeral work. J. L. T.

CORSICANA, TEX.

The season has been mild and there has not been enough frost to kill even the tender plants. Many plants, such as rose geraniums, vincas, abutilons, plumbagos and lantanas are putting on new growth and will soon be in bloom again if mild weather continues. Roses, verbenas, Paper Whites and double Roman hyacinths are blooming outdoors and Dutch hyacinths and daffodils will soon be in bloom. Elms, maples, cydonias, honeysuckles and yellow jasmine are in bloom. Peaches, plums and many other trees are opening their buds.

Mr. and Mrs. Clowe report that their young stock of greenhouse and bedding plants is growing too fast. The temperature is often 75 degrees and sometimes 85 degrees in the houses with doors and ventilators open.

Denver, Colo.—W. L. Sternenberger is still on the sick list, his illness having lasted over a year.

DAHLIAS

Twelve thousand A. D. Livoni improved Dahlia Bulbs, the choice pink show variety, and the surplus from sixty other varieties. The cream of a list of over five hundred kinds from which will be grown in our greenhouses, just erected, choice selection of plants. Guaranteed strictly fancy stock, true to name and without insects or fungi.

POSTUM CEREAL CO., Ltd.
Garden Dept., Battle Creek, Mich.

Mention The Review when you write.

CANNAS

Large, Plump, 2-3 Eye Pieces. Extra Fine

ALL TRUE TO NAME

	100	1000
Burbank, 3 ft.	$1.75	$15.00
Chas. Henderson, 3-4 ft.	2.00	17.50
Crimson Bedder, 2½-3 ft.	3 00	25.00
Chas. Molin, 3½-4 ft.	1.75	15 00
David Haram, 3-3½ ft.	4.00	35.00
Director Holtze, 3 ft., XXX.	6.00	50.00
Egandale, 4 ft.	3.50	30.00
Elizabeth Hoss, 3½ ft., XXX.	3.00	25.00
Florence Vaughan, 5 ft.	2.00	17.50
J. Colette Rochaine, 4½ ft.	1 75	15 00
Musafolia, 7-8 ft., XXX	3.00	25.00
Mme. Crozy, 2½-3 ft.	3.00	25.00
Martha Washington, 2½-3 ft.	3.00	25 00
Mme. Berat, 4 ft.	1.75	15.00
Oscoda, 2 ft., XXX	3.00	25.00
Pierson's Premier, 3-4 ft.	2.50	20.00
Pennsylvania, 5 ft., XXX	2.00	17 50
Robusta, 6 ft.	1.75	15.00
The Express, 2-2½ ft., XXX	6 00	50.00

NATHAN SMITH & SON
ADRIAN, MICH.

Mention The Review when you write.

WE ARE BOOKING ORDERS FOR
NEPHROLEPIS AMERPOHLII
THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.
JANESVILLE FLORAL CO., Janesville, Wis.
Mention The Review when you write.

Special For EASTER

We have some fine plants of **Hydrangeas**, that will bloom. 1-year-old, 7-in pots, 60c to 75c; 2-year-old, 8-in pots, $1.00 to $1.25; 3-year old, 9-in. pots, $1.25 to $1 50, if taken at once. **Azaleas**, 60c, 75c and $1.00, for immediate sales. Ask for our Fern, Mum, Carnation and Miscellaneous lists.

GEO. A. KUHL, Pekin, Ill.
Mention The Review when you write.

Roses, 4000 Brides and Maids

from bench and dormant,
$6.00 per 100; $50.00 per 1000.

B. E. WADSWORTH, Box 224, Danville, Ill.
Mention The Review when you write.

Beautiful New Pink Rose
AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.
Mention The Review when you write.

New Pink Rose
Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.
Mention The Review when you write.

CHRYSANTHEMUM NOVELTIES

Send for complete list.

CHAS. H. TOTTY, Madison, N. J.
Mention The Review when you write.

CANNAS Two and three eyes to each root, in perfect condition and strictly true to name.

	100	1000
Admiral Schley, 3 ft., gilt-edge	$2.50	$20.00
Alemannia, 5 to 7 ft., Orchid-flowered. Scarlet and yellow	2 00	15.00
Crimson Bedder, 3 ft., crimson	2 50	20.00
David Harum, 4 ft., bronze leaf	2.50	20.00
Egandale, 4 ft., bronze leaf	3 00	
Florence Vaughan, 5 ft., yellow	2.00	15.00
King Edward, 4½ ft., scarlet	2.50	20.00
Little Gem, 1½ to 2 ft., gilt-edge, superb	4 00	30.00
Mme. Crozy, 4 ft., gilt-edge	2.50	20.00
Mrs. Kate Gray, 5 to 6 ft., orchid-flowered, orange scarlet	2.50	20 00
Pres. Carnot, 4 ft., bronze leaf	2.00	15.00
Pres. McKinley, 3 ft., crimson	2.00	15.00
West Grove, 4 ft., pink	3.00	
Yellow Crozy, 3½ ft., pure yellow	3.00	25.00
Mixed	1.50	10.00

DAHLIAS, Strong, field-grown roots.
New double. Amethyst, Aristocrat, Harzer Kind, Landrat, Dr. Scheiff, Medusa, Neck, $2.50 per doz. Apollo Trudchen Pape, $3.00 per doz. Spotless Queen, first prize N. Y. Dahlia Show, $5.00 per doz.
Double Dahlias. Britannia, Black Prince, Bridesmaid, Capstan, Chas. Woodbridge, Columbia, Cycle, Firebrand, Gloriosa, Harmony, Island Queen, John H. Roach. Kingfisher, Konigen Wilhelmina or Queen of Holland, Mr. Moore, Mrs. Montefiore, Oban, Ruby, Strohlein Kronne, Wm. Agnew, Wm. Cuthbertson, $1.00 per doz.; $6.00 per 100. Grand Duke Alexis, $1.25 per doz.; $8.00 per 100. Kriemhilde, pink, superb, $1 25 per doz.; $7 50 per 100.
Single Dahlias. 20th Century, Lavender Century, Pres. Viger, $1.25 per doz.; $8.00 per 100. Crimson Century, $1.50 per doz.; $10.00 per 100. Scarlet Century, $2.00 per doz.; $15.00 per 100. Descriptive circular giving full particulars, mailed free to the trade for the asking.

J. T. LOVETT, Little Silver, N. J.

ORCHIDS

Importations 1907

Get rock-bottom prices on Cattleya Labiata, Trianae, Mossiae, Percivaliana Mossiae, Schroederae.

JULIUS ROEHRS CO.
Orchid Importers and Collectors,
Rutherford, N. J.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

ORCHIDS Direct from the Collectors

For Spring and Summer Delivery.
We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids. Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

A. HELD, 11-19 William St., NEW YORK

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**
Mention The Review when you write.



Easter Azaleas and Forcing Plants

ORDER QUICK FOR IMMEDIATE DELIVERY.

We have only popular New York varieties, such as **Niobe, Schryveriana, Prof. Wolters, Simon Mardner, Vervaeneana, Mme. Van der Cruyssen, Deutsche Perle, Mme. Jos. Vervaene.**

Diam.	Doz.	100	Diam.	Doz.	100	Diam.	Doz.	100
8-10-in.....	$3.50	$25.00	14-15 in.....	$ 7.50	$60.00	18-20-in.....	$25.00	$200.00
10-12-in.....	4.50	35.00	15-16-in.....	9.00	75.00	20-24-in.....	36.00	300.00
12-15-in.....	6.00	45.00	16-18-in.....	12.00	90.00			

	Doz.	100	1000
SPIRAEA Japonica.....		$1.50	
" Compacta.....		4.50	
" Astilboides Floribunda		4.50	
" Gladstone.....		8.00	
" H. Witte, (A great improvement over Astilboides Floribunda, and one of the best; still better than the so-called Superba and Blondin.	$2.50	15.00	
SPIRAEA Palmata, the best scarlet variety.....	2.00	15.00	
DIELYTRA Spectabilis, large clumps.....		6.00	
GLADIOLUS Colvillei rubra			$6.50
" The Bride.....			8.50
CYTISUS LABURNUM, (Golden Chain), pot-grown.	12.00		

	Doz.	100
AMARYLLIS, New Hybrid, all flowering size bulbs, fine strain.....	$6.00	
DEUTZIA Gracilis, pot-grown.		$12.00
VIBURNUM, Opulus, in bushy form, pot-grown.....	6.50	
VIBURNUM, Opulus, in standard form, very handsome, pot-grown	15.00	
ACER Negundo Variegata. This is the so-called variegated Ash-leaved Maple, extensively forced in England for church decorations on account of the beautiful silvery foliage when forced. Extra fine, strong plants, pot-grown.....	9.00	

	Doz.	100
CRATAEGUS, Paul's Scarlet, (Double Scarlet Hawthorn), pot-grown.....	$9.00, $12.00 and	$15.00
ROBINIA Hispida, (Moss Locust Acacia), scarlet, pot-grown		9.00
AZALEA Mollis.....	$4.00, $9.00 and	12.00
" Mollis Chinensis.....	6.00, 9.00 and	12.00
" Mollis Chinensis, Anthony Koster..... ..		9.00
" Rustica.....		9.00
" Mollis, in standard form.....		9.00
KALMIA Latifolia, fine budded plants.....	$6.00, $9.00 and	12.00
CERASUS Avium double white cherry, pot-grown.....		9.00
RIBES Sanguineum, pot-grown.....		9.00
RHODODENDRONS, best forcing varieties, according to size.....	$9.00, $12.00, $18.00. $24.00 and	30.00
CRIMSON RAMBLERS, field-grown, extra strong plants	3.00	$20.00
" " smaller plants.....	2.00	15.00
BABY RAMBLERS, extra fine plants, 4 and 5-in. pots...	4.00	
" " Imported dormant plants.....	4.00	25.00
These are extra strong bushy plants.		
H. P. ROSES, a quantity of the following varieties: Gen. Jacqueminot, Baroness Rothschild, Frau Karl Druschki, Duke of Edinburgh. Mrs. J. Laing, Ulrich Brunner, Paul Neyron, Mme G. Luizet, Capt. Christy, Caroline Testout, Perle des Blanches, Magna Charta. Imported plants....		10.00

	Doz.	100
MONTHLY and EVERBLOOMING ROSES, Kaiserin, Hermosa, Agrippina, Belle Siebrecht, Caroline Testout, White and Pink Maman Cochet, Mme. Abel Chatenay, Gruss an Teplitz, Mme. Jules Grolez, Killarney.....		$12.00
The Rose bushes we offer are exceptionally strong this year, being all two-year-old. field-grown. Order now to avoid the usual disappointment.		
ROSES, Standard Magna Charta.....	$6.00	
These are especially selected for forcing purposes. While Standard Roses do not force very well, we had a quantity of these last year for Easter, and they made very handsome plants.		
BABY RAMBLERS, standard, very fine for forcing.....	15.00	

Begonias, Tuberous-Rooted

SINGLE varieties, in colors, scarlet, crimson, white, rose, yellow and orange.....	.40	$1.00
All colors, mixed.....		2.50
DOUBLE varieties, in colors, scarlet, rose, white and yellow.....	.75	4.50
All colors, mixed.....		4.00
GLOXINIAS, in leading varieties.....	.50	4.00
Mixed kinds.....	.40	3.50

We are pleased at all times to receive visitors to our Nurseries. We have 100 acres planted with the most interesting Nursery Stock in the country. See Wholesale Catalogue.

BOBBINK & ATKINS, Nurserymen and Florists, Rutherford, N. J.

Mention The Review when you write.

GERANIUMS

S. A. Nutt, strong plants from 2¼-inch pots, $20.00 per 1000; $2.50 per 100. 500 at 1000 rate. Other standard varieties ready to ship Feb. 1.

Canna Bulbs—Souv. d'Antoine Crozy, best gilt-edged; Alphonse Bouvier, best dark red, $18.00 per 1000; $2.00 per 100. Cash, please.

James Ambacher, West End, N. J.

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

Nephrolepis

Whitmani, 2¼-in.....$10.00 per 100
Boston, 2¼-in..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists **BROCKTON, MASS.**

FUCHSIAS

Little Beauty, strong, 2¼-in., $4.00 per 100. Ready now.

COLEUS

10 varieties, including Verchaffeltii and Golden Bedder. Absolutely free from mealy bug. Ready February 1. 2-inch, $2.50 per 100.

Cash with order.

Lakeside Greenhouses, Erie, Pa.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Cinerarias

We have an extra fine lot now in 2½, 3 and 4-in. for Easter blooming and will make a special price for all orders received up to February 10. 2½-in., regular $5.00 at $3.50; 3-in., regular $8.00 at $6.00; 4-in., regular $12.50 at $10.00. Cash please.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

NEW DOUBLE PETUNIA

THE QUEEN

a wonderful bloomer; flowers from four to four and one-half inches in diameter; white mingled with purple, nicely fringed; an early bloomer; fine seller for Decoration Day; planted outdoors will bloom all summer. Strong plants, ready Feb. 15, $1.50 per doz.; $10.00 per 100; $90.00 per 1000.

THE YATES FLORAL CO.
Joseph Traudt, Prop. Canajoharie, N. Y.

Scranton Florist Supply Co.
SCRANTON, PA.

Mention The Review when you write.

Wholesale Trade List

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.

C. EISELE, 11th and Roy Streets, **PHILADELPHIA, PA.**

Mention The Review when you write.

Canna Roots Alemannia, Shenandoah Austria, Henderson, Pennsylvania, Italia, Mlle. Berat, F. Vaughan, $2.00 per 100; $17.50 per 1000. West Virginia, Mrs. Kate Gray, $3.00 per 100; $25.00 per 1000.
Rubbers, 4-in., $3.00 per doz.; 5-in., $4.00 per doz.
Asp. Sprengeri, 3-in., $4.00 per 100.
Hibiscus, in variety, $2.50 per 100.
Ferns—Boston, Scottii, 2-in., $3.00 per 100. Tarrytown, $2.50 per 100.
Coleus cuttings, 60c per 100; $5.00 per 1000.
THE NATIONAL PLANT CO., Dayton, O.

Mention The Review when you write.

ELLWOOD, IND.

The greenhouse of F. W. Blubaugh, which was built last summer, is 30x100 and fourteen feet to the ridge. It has thirty-two inches of glass in the side and ventilators on the east side. The red cedar posts are set in concrete as are also the ridge and purlin posts. The wall-plate is five feet from the ground and is fastened to the posts by boring holes in the posts and filling them with white lead and then screwing in 5-inch bolts. The sides have a layer of shiplap, then a layer of heavy building paper and then are sided with first-class cypress.

There are four beds, one of which is four feet wide, the other three being six feet. All are solid. The beds are filled in with two feet of cinders, two inches of clay, then six inches of good soil. They are used for lettuce and the experiment has proved satisfactory. Mr. Blubaugh has taken off one crop of heavy lettuce and has another that will mature in a week or so. The material for the greenhouse was furnished by the J. C. Moninger Co.

SALISBURY, MD.

The Salisbury Florist Co. added a new greenhouse for carnations in the fall, but they were a complete failure. There are some fine Narcissi and Romans. There is not a rush of business at this time of year. This firm has plants in W. F. Allens' seed store on Main street.

W. F. Allen, who opened a seed store on Main street last February, has done a good business.

The Misses L. & A. Hitch have had quite a busy winter, with lots of funeral work. They have just finished their mums, which were fine. They were burned out at their store last April and did not reopen until October 18. Trade is up to expectations.

OGONTZ, PA.—Wm. Kleinheinz, gardener to P. A. B. Widener, has recently returned from a trip through Germany and Belgium.

SPIRAEAS, AZALEAS, Rhododendrons, etc.

SPIRAEA NANA COMPACTA—Strong clumps in best condition, $4.00 per 100.

AZALEA INDICA—Mme. Vander Cruyssen, Prof. Wolters, Empress of India, Helen Thelemann, Simon Mardner, at import prices to close out.
12 to 14-in. crowns, $45 00 per 100. 14 to 16-in. crowns, $55.00 per 100.
16 to 18-in. crowns, $90.00 per 100.

AZALEA MOLLIS—Fine for forcing, bushy and full of buds.
12 to 15 in. high, $25.00 per 100. 15 to 18 in. high, $35.00 per 100.

RHODODENDRONS—Bushy perfect plants, brightest and best we ever had, full of flower buds. 18 to 20 in. high, $9.00 per doz. 20 to 24 in. high, $12.00 per doz.

LATANIA BORBONICA—4-in. pots, short and bushy, $15.00 per 100.

KENTIA BELMOREANA—5-in., fine, $60.00 per 100.

The Storrs & Harrison Co.
PAINESVILLE, OHIO.

Mention The Review when you write.

Hello! Here We Are:
D. U. AUGSPURGER & SONS, Peoria, Ill.
BOX 778.
WE HAVE JUST WHAT YOU ARE LOOKING FOR

BOSTON FERNS in all sizes at prices that will interest you. Write for them.

Elegantissima Ferns, 2½-in.	per 100,	$5 00
" " 3-in.	"	9.00
Piersoni Ferns, 2½-in.	"	4.00
" " 3-in.	"	8.00
Sprengeri, 2-in.	"	2.50
Feverfew, 2-in.	"	3.00
Mme. Sallerol, 2-in.	"	3.00
Vinca Variegata, 2-in., 1000, $25.00	"	3 00
Double Petunias, 2-in.	"	3.00
Fuchsias, 2-in.	"	3 00

20,000 CYCLAMEN SEEDLINGS,
Fine plants, with two or more leaves, with bulbs as large and larger than buck shot, in five separate colors, grown from best quality seed, at $1.00 per 100.
8.00 per 1000.

We are sending them all over the United States and they are giving universal satisfaction.

ORDER NOW before the stock is exhausted.

Mention The Review when you write.

A Grand Fern Novelty
We are booking orders for
NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

WM. P. CRAIG
1305 Filbert Street, PHILADELPHIA

Mention The Review when you write.

CHRYSANTHEMUMS

Strong, stock plants from bench, $5.00 per 100—Monrovia, Polly Rose, Glory of Pacific, Yanariva, Niveus, Lord Hopetoun, Gen. Hutton, Helen Bloodgood, Golden Wedding, Dr. Enguehard, Church Major Bonnaffon, Convention Hall, Mrs. J. J. Mitchell, Wm. Duckham, Gold Mine, Marie Liger, Alice Byron, Salter, Lincoln, Superba, Golden Hair, Timothy Eaton, Yellow Eaton, Chadwick, Col. D. Appleton, Mrs. Jerome Jones, Yanoma, Mrs. Coombes, Balsley.

VINCA VAR.—Field clumps, grown on in trays, first size, $5.00; second size, $4.00 per 100. 25 at 100 rate. Cash with order or satisfactory references.

J. J. ARNOLD, HOMER, N. Y.

Mention The Review when you write.

The MOSBAEK GREENHOUSE CO.
ONARGA, ILL.

Asparagus Plumosus Nanus
2¼, 3 and 4-in., $3.00, $6.00 and $9.00 per 100.

FERNS
Boston, Piersoni and Anna Foster, 2¼, 3 and 4-in., $4 00, $7.00 and $12 50 per 100; 6-in., $6 00; 8-in., $10.00; 10-in., $15.00 per doz.

Elegantissima and Scottii
2¼, 3 and 4-in., $6.00, $10.00, $17.50.

150,000 CANNAS, in 35 best var. List mailed.
50,000 Hardy Perennials, field and pot-grown.

Mention The Review when you write.

VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

70,000 Alternanthera Brilliantissima, red and yellow, September struck, very strong, 60c per 100; $5.00 per 1000.

Salvias, $1 00 per 100; $8.00 per 1000.

Heliotropes, $1.00 per 100; $8.00 per 1000.

Coleus, 70c per 100; $6.00 per 1000.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000.

(Express prepaid on all rooted cuttings.)

C. HUMFELD, CLAY CENTER, KAN.

Mention The Review when you write.

CARNATIONS
30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market	$1.50	$12.50
Enchantress	2.00	18.00	Lawson	1.50	12 50
Queen Louise				1.00	9.00

BOSTON FERNS
from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....
Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.
Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

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Nephrolepis WHITMANI
Young plants from bench.
$6.00 per 100.

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Bay Trees,
BOX TREES and Choice EVERGREENS for outside decorations

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Rutherford, N. J.

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SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

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PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

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ASPARAGUS PLUMOSUS

2-inch.....per 100, $3.00
3-inch.....per 100, 6.00
4-inch.....per 100, 12.00

PRIMULA SINENSIS

4-inch.....per doz., $1.50
5-inch.....per doz., 2.00

Write for complete price list.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO

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Ivy Geraniums, all colors.....$1.50 per 100
Geraniums, leading varieties..... 1.25 per 100
Feverfew..... .75 per 100

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Strong plants, from 2½-in. pots, $10.00 per 100.

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CINERARIES.....2¼-in., $2 00 per 100; 3-in., $3.00 per 100.

C. WHITTON, City Street, UTICA, N. Y.

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Mrs. Gladstone
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Minnesota **Lieut. Mauritz** **White Phenomenal** **Elm City**
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Our selection, 6 varieties, 1000 for $20.00.

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Large-Flowering or Aster varieties.....$3.00 per 100
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1000 our selection of 50 varieties, all sorts for $20.00.

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	Per 100		Per 100
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Araucarias Our Specialty

Araucaria compacta robusta and **glauca** is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old. 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high 6-inch pots, 50c; $5.00 per dozen.

FERNS—All raised in pots and not on bench, as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

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CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

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Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 846

ADIANTUMS.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6-in. pots, $12.00, $18.00 and $24.00 per doz. Julius Roehrs Co., Rutherford, N. J.

Adiantum Farleyense, 5-in., $9.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

AGERATUMS.

Ageratums Pauline and others, 2-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Ageratums, white, blue and Pauline, good 2½-in., 2c. Rooted cuttings, 60c per 100. Prepaid. Kaupp & Son, Nevada, Mo.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Princess Pauline, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternanthera brilliantissima, "original stock," finest red of all. From soil, $1.00 100; sand, 70c 100. A. nana, soil, 75c 100; sand, 60c 100. Prepaid. A. J. Baldwin, Newark, O.

Alternantheras, red, yellow and brilliantissima, July struck cuttings, $10.00 per 1000. From sand, January struck, $5.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

AQUILEGIAS.

ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
BARTELDES SEED CO., Denver, Colo.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $2.50; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00; 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Sprengeri at a bargain, to make room. Extra strong, 2½-in., $2.50 per 100; 3½ and 4-in., $5.00 per 100. Cash with order.
Waaland & Co., Findlay, O.

Asparagus plumosus nanus, strong 3-in., $3.00; 3½-in., $5.00; 4-in., $6.00 per 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong 2-in., $2.00 100, $18.00 1000; 250 at 1000 rate.
E. G. Soller, Zanesville, O.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus plumosus nanus, extra fine, 3-in., ready for shift, $6.00.
J. W. Munk & Sons, Mt. Gilead, Ohio.

Asparagus plumosus, 2-in., $3.00; 3-in., $6.00; 4-in., $12.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

400 Asparagus plumosus nanus, $4.00 100; the lot, $3.50. U. G. Harglerode, Shippensburg, Pa.

Asparagus Sprengeri, plants from 4-in. pots, $8.00 per 100. M. E. Eaton, Lyons, Iowa.

Asparagus Sprengeri, from bench, ready for 4 and 5-in., 4c.
Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus, strong, 2½-in., $4.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus Sprengeri, 3-in., extra strong, $5.00 per 100. John Walker, Youngstown, O.

Sprengeri, strong, 2-in., $2.00; 3-in., $3.00.
A. Luther, R. D. 4, Kansas City, Mo.

Asparagus plumosus, 3-in., fine, $5.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus Sprengeri, 2-in., $2.25 per 100.
Hammerschmidt & Clark, Medina, O.

Asparagus plumosus, 3-in., $5.00 per 100.
S. M. Harbison, Danville, Ky.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

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Azaleas, araucarias, palms, etc., grown especially for American florists.
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Azaleas, a fine lot. Varieties, sizes and prices are given in display adv.
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Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azalea indica, all leading varieties. See display adv. G. Aschmann, 1012 Ontario St., Phila.

BAY TREES.

Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Rex begonias and B. manicata, fine assortment, 2-in., $4.00; 2½-in., $6.00. Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 4-in., $35.00; 5-in., $50.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Gloire de Lorraine, 2¼-in., $12.00 100; $100.00 1000.
Wm. Murphy, 128 E. 3rd St., Cincinnati, O.

Begonia Vernon, 2½-in., 2½c. R. C., prepaid, $1.50 100. A. J. Baldwin, Newark, Ohio.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

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Dreer's summer flowering bulbs. The begonias and gloxinias offered by us are the best that skill and careful selection can produce. Description of varieties and prices are given in display adv.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

Tuberous rooted begonias. Our bulbs come from the best specialist in Europe. Prices are given in display adv.
W. W. Rawson & Co., Boston, Mass.

Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Chinese sacred lily bulbs, selected bulbs, 60c doz.; original basket of 30 bulbs, $1.25; $30.00 1000. Dingee & Conard Co., West Grove, Pa.

Summer-flowering bulbs, tuberous rooted begonias and gloxinias.
Stokes' Seed Store, 219 Market St., Phila.

Hardy Japanese lilies, excellent for forcing. See display adv.
H. F. Michell Co., 1018 Market St., Phila.

Amaryllis Johnsoni, assorted size, $6.00 per 100. C. W. Bakewell, Gretna, La.

Importers and growers of high grade bulbs. Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Tuberoses. Armstrong's Ever-blooming, single, $10.00 per 1000. A. H. Dailey, Knoxville, Tenn.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Christmas cacti, 2-in., $2.50 per 100.
N. O. Caswell, Delavan, Ill.

CALADIUMS.

Caladiums, 9 to 11-in., 10c; 8 to 9-in., 6c; 6 to 8-in., 2c. A. J. Baldwin, Newark, O.

CALLAS.

Baby callas, 3-in., $3.00 100.
P. A. Baker, Media, Pa.

CANNAS.

350,000
CANNAS
TRUE TO NAME.

Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

RED CANNAS.		
A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
Chas. Henderson, 4 ft.	2.00 100;	17.50 1000
Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000
PINK CANNAS.		
L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000
ORANGE CANNAS.		
Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000
J. D. Cabos, 4½ ft.	2.00 100;	17.50 1000
Pres. Cleveland, 4 ft.	3.00 100;	27.50 1000
Queen of Holland	2.75 100;	25.00 1000
Secretary Chabanne, 4 ft.	2.00 100;	17.50 1000
GOLD-EDGED CANNAS.		
Mme. Crozy, 3½ ft.	$2.75 100;	$25.00 1000
Queen Charlotte, 4 ft.	2.75 100;	25.00 1000
Souv. de A. Crozy, 4 ft.	2.75 100;	25.00 1000
YELLOW CANNAS.		
Buttercup, 3½ ft.	$5.50 100;	$50.00 1000
Comte de Bouchaud, 4½ ft.	2.75 100;	25.00 1000
Florence Vaughan, 5 ft.	2.00 100;	17.50 1000
L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000
WHITE CANNAS.		
Alsace, 3½ ft.	$2.00 100;	$17.50 1000
Peachblow, 3 ft.	1.75 100;	15.00 1000
BRONZE CANNAS.		
Black Beauty, 5 ft.	$6.00 100;	$50.00 1000
David Harum, 3½ ft.	3.25 100;	30.00 1000
Egandale, 4 ft.	3.25 100;	30.00 1000
Grand Rouge, 8 ft.	1.75 100;	15.00 1000
Musafolia, 8 ft.	2.75 100;	25.00 1000
Robusta, 6 to 8 ft.	1.75 100;	15.00 1000
Shenandoah, 6 ft.	2.25 100;	18.00 1000
ORCHID CANNAS.		
Alemannia, 4 ft. 35c doz.;	$2.25 100;	$18.00 1000
Austria, 5 ft. 30c doz.;	1.75 100;	15.00 1000
Italia, 4½ ft.	2.25 100;	18.00 1000
King Humbert, 4 ft., $2.00 doz.	15.00 100	
Kronus, 5 ft.	2.75 100;	25.00 1000
Mrs. Kate Gray, 6 ft.	2.75 100;	25.00 1000
Pennsylvania, 5 ft.	2.25 100;	20.00 1000

For full description of above and fifty other varieties of cannas, see catalogue, mailed free.

ELEPHANT'S EARS.
Caladium Esculentum.
All sound and with eyes.

	100	1000
6- 8 inches in circumference	$1.50	$10.00
8-10 inches in circumference	3.50	30.00
10-12 inches in circumference	5.50	50.00
12 inches and up in circumference	10.00	90.00

ARTHUR T. BODDINGTON,
342 W. 14TH ST., NEW YORK.

Cannas, 500,000 plump, sound roots, no culls, true to name, 2 to 3 eyes and more, all the leading kinds, $7.50 per 1000, and upwards. Write for list and price before you buy elsewhere.
Shellroad Greenhouses, Grange, Balto., Md.

Cannas. Kate Gray, Florence Vaughan, Burbank, J. C. Vaughan, Robusta, 2c. Souv. de Antoine Crozy, West Virginia, 2½c. Egandale, 3c. Black Beauty, 5c. All fine, solid bulbs.
A. J. Baldwin, Newark, O.

Cannas. Pres. Meyer, fine dazzling scarlet, $3.00. Pennsylvania, Kate Gray, Italia, $2.00 per 100. King Humbert, $2.50 per 12. Postpaid. Tony Toerner, Scio, O.

Cannas, large, plump, 2 to 3 eyes. All true to name. Prices are given in display adv.
N. Smith & Son, Adrian, Mich.

Cannas, 2 to 3 eyes to each root, in perfect condition and strictly true to name. Varieties and prices are given in display adv.
J. T. Lovett, Little Silver, N. J.

Cannas, dry bulbs of Alemannia, Austria, C. Vaughan, Marlborough (bronze), J. Montel, $1.50 per 100; $12.00 per 1000.
A. Thornhill, Rosedale, Kan.

Cannas, sound roots of A. Bouvier, Chas. Henderson, Mme. Crozy, Pres. McKinley, $1.75 per 100.
Robt. Buck & Co., Washington C. H., Ohio.

New cannas, Wm. Saunders, Ottawa and New York, 50c ea.; $5.00 doz.; $35.00 100.
Conard & Jones Co., West Grove, Pa.

Canna bulbs. Henderson, Austria and Leonard Vaughan, $2.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

Cannas, $2.00 100; $18.00 1000. Cash.
Jas. Ambacher, West End, N. J.

Cannas. See display adv. for price.
Jos. H. Cunningham, Delaware, O.

Canna roots, $2.00 and $3.00 100.
National Plant Co., Dayton, O.

Cannas, $2.00 and $4.00 per 100.
P. A. Baker, Media, Pa.

CAREX.

Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

CARNATIONS.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
Mrs. Joost, pink	5.00	20.00
Mrs. T. Lawson	6.00	25.00

250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
A. MITTING, Wholesale Florist, 17-23 Kennan St., Santa Cruz, Cal.

Rooted carnation cuttings, ready now:

PINK	100	1000	WHITE	100	1000
Lawson	$1.50	$12.50	B. Market	$1.25	$10.00
G. Angel	1.25	10.00	W. Cloud	1.25	10.00
L. PINK			F. Burki	2.00	17.50
Enc'tress	2.00	17.50	RED		
WHITE			Chicago	1.50	12.50
Bountiful	2.00	17.50	Estelle	2.00	15.00
L. Peary	3.00	25.00	Red Sport	2.00	15.00
CRIMSON					

Harlowarden, $2.00 per 100; $15.00 per 1000.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations, strong, healthy, well rooted.

	Per 100	Per 1000	Pots
White Perfection	$6.00	$50.00	$6.50
White Lawson	3.00	25.00	3.50
Bountiful	3.00	25.00	3.50
Cardinal	2.50	22.50	3.00
Enchantress	2.50	22.50	3.00
Lawson	2.00	15.00	2.50
Harlowarden	2.00	15.00	2.50
Boston Market	1.50	12.50	2.00

Cash with order. Satisfaction guaranteed.
Smith & Gannett, Geneva, N. Y.

Rooted carnation cuttings from healthy plants growing in virgin soil.

	100	1000		100	1000
Wolcott	$1.40	$10.00	F. Joost	$1.60	$12.50
Q. Louise	1.20	10.00	R. Lawson	1.60	12.50
Enchantress	1.60	15.00	Harlow'den	1.40	12.50
Lawson	1.40	10.00	Prosperity	1.40	12.50

200 at 1000 rate. Express prepaid. Five per cent discount for cash, or will ship C. O. D. subject to approval.
Bassett's Floral Gardens, Loomis, Cal.

Rooted carnation cuttings.

	100	1000		100	1000
Bountiful	$2.00	$15	Lawson	$1.50	$12.50
W. Lawson	2.00	15	Queen	1.50	12.50
Enchantress	2.00	15	Victory	5.00	....
Ethel Ward	2.00	15	R. Craig	5.00	....
R. Lawson	2.00	15	P. Patten	4.00	....
H. Fenn	2.00	15	H. Goddard	4.00	....

Quidnick Greenhouses, J. H. Cushing, Prop., Quidnick, Anthony P. O., R. I.

Carnation cuttings, extra fine, side shoots, taken from stock that has neither been fed nor forced, $1.50 per 100.
The Queen, fine commercial white; Wolcott, large fancy white; Boston Market, good white; Francis Joost and Ethel Crocker, commercial pinks; Prosperity, large white, mottled pink; Roosevelt, fine crimson; America, excellent red.
J. W. Munk & Sons, Mt. Gilead, Ohio.

Carnations. We offer field plants for delivery July 1, for early benching. Owing to our mild climate we field plants on high sod ground April 5. They are immense by July 1. Send for list, and make contracts for July 1 delivery.
Harlowarden Greenhouses, Greenport, N. Y.

Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100; Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order.
H. P. Smith, Piqua, Ohio.

Rooted carnation cuttings, now ready.

	100	1000		100	1000
Aristocrat	$12	.....	N. Fisher	$2.00	$18.00
R. Craig	5	$40.00	P. Lawson	1.25	10.00
Cardinal	3	.....	Q. Louise	1.25	10.00
Enchantress	2	17.50	Harlow'n	1.50	12.50

Every cutting guaranteed. Cash or C. O. D., subject to examination.
Andrew Peterson, Hoopeston, Ill.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$2.50	$20	Patten	$2.00	$15
W. Lawson	2.50	20	L. Peary	2.50	20
Daybreak			Cardinal	3.00	25
Lawson	5.00	40	Estelle	2.00	15
T. W. Law'n	2.00	15	Market	1.50	12
The Belle	2.50	20			

Bell Miller, Springfield, Ill.

Carnation cuttings.

	100	1000		100	1000
B. Market	$2.00	$15	The Belle	$2.50	$20
Lorna	2.00	15	Bountiful	2.50	20
Prosperity	2.50	20	N. Fisher	2.50	20
Enchantress	2.50	20	R. Craig	6.00	50
Ethel Ward	2.50	20	R. P. En'tress	6.00	50

South Bend Floral Co., South Bend, Ind.

Rooted carnation cuttings.

	100	1000		100	1000
Ench'tress	$2.50	$20	Estelle	$2.00	$15
P. Lawson	2.00	15	L. Bountiful	2.00	15
N. Fisher	2.00	15	B. Market	2.00	15
Ind'napolis	1.50	10	Lorna, white	1.50	10

C. A. Kuehn, 1122 Pine St., St. Louis, Mo.

ROOTED CARNATION CUTTINGS.

Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100;	$18.00 per 1000
Bountiful	2.00 per 100;	18.00 per 1000
Estelle	1.50 per 100;	15.00 per 1000

Cash with order.
Blanksma Bros., Grand Rapids, Mich.

Carnation cuttings, well rooted. Lawson, $1.50 per 100; $12.00 per 1000. Enchantress, $2.00 per 100; $18.00 per 1000. These cuttings were taken from the best stock coming into this market.
C. C. Pollworth Co., Milwaukee, Wis.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Rooted carnation cuttings.	100	1000
Lawson, Boston Market	$2.00	$15.00
Enchantress, Queen	2.50	20.00

Cash with order.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Carnations. Rooted cuttings of Fair Maid, Boston Market and Harlowarden, Feb. and March delivery, $2.00 per 100; $17.00 per 1000. Cash or C. O. D. Cuttings satisfactory or money refunded.
H. M. Totman, Randolph, Vt.

Elbon, a fine red carnation, easy to grow, a money maker. Fine rooted cuttings, $20.00 per 1000, $2.50 per 100. Send for catalogue of 35 other varieties. Locust St. Greenhouses, J. H. A. Hutchison, Prop., Oxford, Pa.

Our carnation novelties for 1907—Winsor, White Enchantress and Helen Gould. For description of these valuable novelties see our wholesale price list.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations, 2000 Boston Market, well rooted cuttings, $12.50 per 1000; 500 at 1000 rate. Cash. W. H. Drake & Co., 567 Chicago St., Kenosha, Wis.

Carnations Imperial and Pink Imperial. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000.
John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., N. Y.

Carnations. Unrooted cuttings from strong, healthy plants of Fair Maid, Queen, Mrs. Lawson and Mrs. Patten, $10.00 per 1000. Cash.
Stephen Chase, Nashua, N. H.

Carnations, strong, healthy, rooted cuttings and 2½-in. pot plants, young stock, leading varieties. Prices are given in display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Rooted carnation cuttings. Helen Goddard, $6.00 100; $50.00 1000. Cash. For other varieties see display adv.
Geo. E. Buxton, Nashua, N. H.

Carnation rooted cuttings ready now. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation cuttings ready, healthy and well rooted. Varieties and prices are given in display adv.
Scheiden & Schoos, 60 Wabash Ave., Chicago.

Beacon carnation, orange-scarlet, $12.00 100; $100.00 1000. Send for descriptive circular.
Cottage Gardens Co., Queens, N. Y.
Peter Fisher, Ellis, Mass.

Rooted carnation cuttings, Crusader, B. Market, $10.00 per 1000. B. Market, unrooted, half price. Des Plaines Floral Co., Des Plaines, Ill.

Clean, healthy, well rooted carnation cuttings, ready now. See display adv. for varieties and prices.
Vaughan & Sperry, 58 Wabash Ave., Chicago.

Queen, best standard white, summer or winter. Well rooted cuttings $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

Summer bloom and winter carnations. Elbon, bright red; Climax, rich pink; Eldorado, etc., $1.50 100. Roney Bros., West Grove, Pa.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Rooted carnation cuttings, cool-grown, sturdy and vigorous. For varieties and prices, see display adv. A. C. Brown, Springfield, Ill.

Carnation cuttings. Rose-pink Enchantress, $7.00 100; $60.00 1000. Other varieties given in display adv. W. B. Girvin, Leola, Pa.

Rooted carnation cuttings, choice, all free from disease. Varieties and prices are given in display adv. J. L. Dillon, Bloomsburg, Pa.

Victory, White Lawson, Thos. Lawson, Queen Louise, Estelle. Ready now. Write for prices. W. C. Rockwell, Bradford, Pa.

Carnation Boston Market, strong, well rooted cuttings, $1.50 per 100; $12.00 per 1000. Express prepaid. S. W. Pike, St. Charles, Ill.

Rooted cuttings of Queen, $1.50; F. Maid, $1.10; P. Lawson, $1.40 per 100. Write for others. Otto Bourdy, Lowell, Mass.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Carnations. Boston Market, rooted cuttings, $10.00 1000; unrooted, $5.00 1000. Cash.
E. D. Kaulback & Son, Malden, Mass.

Well rooted carnation cuttings, healthy stock. For varieties and prices see display adv.
Peter Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings, cool-grown. Varieties and prices are given in display adv.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

Strong, well rooted carnation cuttings. Varieties and prices are given in display adv.
Sol Garland, Des Plaines, Ill.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv.
Valley View Greenhouses, Marlboro, N. Y.

Carnation Helen Goddard. Orders booked for rooted cutings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000.
S. S. Skidelsky, 824 N. 24th St., Phila.

Snowdrift carnation, the money-making white, unrooted cuttings, $5.00 per 1000.
Frank A. Suter, Lancaster, Pa.

Rooted carnation cuttings, leading varieties. Prices are given in display adv.
Wm. Winter, Kirkwood, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv.
J. W. Dunford, Clayton, Mo.

Carnation cuttings, leading varieties. List and prices are given in display adv.
Eli Cross, Grand Rapids, Mich.

Rooted carnation cuttings, best varieties. Prices are given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Rooted carnation cuttings. Varieties and prices are given in display adv.
E. H. Blameuser, Niles Center, Ill.

Send for list of new carnations and the leading commercial varieties.
Wm. Swayne, Kennett Square, Pa.

Carnation Aristocrat, $12.00 100; $100.00 1000. March 1 delivery.
Chicago Carnation Co., Joliet, Ill.

Well rooted carnation cuttings, Enchantress, $2.00 100; $18.00 1000.
Jas. Patience, Noroton Heights, Conn.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000.
Rudolph Fischer, Great Neck, N. Y.

Rooted carnation cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

Rooted carnation cuttings. See display adv.
Wm. J. Moore, 1235 Filbert St., Phila.

Rooted carnation cuttings. See display adv.
Henry Baer, Peoria, Ill.

Carnation cuttings for immediate delivery.
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Rooted carnation cuttings now ready.
Otto Hagen, 244 W. Winona St., Chicago.

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Can furnish 50,000 rooted cuttings and 2½-in. pots, season 1907. Delivery to suit. Best commercial varieties. Write for list and prices. Order now. Geo. M. Brinkerhoff, Springfield, Ill.

CHRYSANTHEMUMS—Continued.

Nothing is worth growing but the best. Beatrice May, October Frost, Rosiere, M. F. Plant, Mayor Weaver and E. J. Brooks, $1.00 per doz.
Jeanne Nonin, the unapproachable queen of late mums, also C. Touset, Adelia, J. K. Shaw, Enguehard, Duckham, and the grand prize-winning yellow, Mrs. W. Duckham, only $2.00 per 100. Postpaid.
The Union City Greenhouse, Union City, Pa.

Chrysanthemum cuttings. T. Eaton, $2.00 100. C. Touset, $4.00 100; $35.00 1000. W. Bonnaffon, Ivory, October Sunshine, Major Bonnaffon, Golden Wedding, Walter Molatsch, Pres. Smith, Balfour, Glory of Pacific, J. K. Shaw, Marie Liger, Maud Dean, Dr. Enguehard, $2.00 100; $15.00 1000.
South Bend Floral Co., South Bend, Ind.

3000 Monrovia, rooted cuttings, $2.50 per 100; $20.00 per 1000; 500 at 1000 rate. Monrovia has brought us greater returns than any other variety, for the space used.
400 October Frost, rooted cuttings, $6.00 per 100. With us this has been an extra fine early white. O. L. Baird, Dixon, Ill.

Mum stock plants. Order quick. Jeanne Nonin and Golden Chadwick, $4.00 per 100. Still have lots of Nonin flowers.
Klehm's Nurseries, Arlington Heights, Ill.

Unrooted chrysanthemum cuttings. Ivory, White Bonnaffon, Yellow Bonnaffon, Robinson, 70c per 100; $6.00 per 1000.
F. H. Westhoff, De Haven, Pa.

Chrysanthemum stock plants. About 1000 Jeanne Nonin, $1.00 per doz.; $7.00 per 100. W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

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Chrysanthemum stock plants. Jeanne Nonin, finest late white, $1.00 per doz.; $7.00 per 100.
H. E. Hyde, Huntington, L. I., N. Y.

Chrysanthemums. Send for list of young stock, including many novelties.
Harlowarden Greenhouses, Greenport, N. Y.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Extra large stock plants of Jeanne Nonin, $6.00 per 100.
F. Shearer & Son, Binghamton, N. Y.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

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Chrysanthemum stock plants, from bench, $5.00 100. Cash. J. J. Arnold, Homer, N. Y.

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Cinerarias. Benary's, Cannell's, giant flow., for Easter bloom, 2-in., $1.50; 3-in., $3.00 per 100. Cash.
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Cineraria hybrida, finest, large-flowering, choicest mixed, 2½-in. pots, strong plants, $2.00 per 100. Cash. Louis Bauscher, Freeport, Ill.

Cinerarias, best strain, 2½-in., $2.50 per 100. Will exchange for cannas or caladiums.
The Newburys, Mitchell, So. Dak.

Cineraria hybrida grandiflora, best strain, 4 and 5-in., $15.00 and $20.00 per 100.
John Stamm, Hutchinson, Kan.

Cinerarias, best strain, 6-in., coming in bloom, $2.00 per doz.; $15.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cineraria hybrida, best colors, mixed, 3-in., strong, $5.00 per 100. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Cinerarias, replanted, $1.00; 2-in., $2.00; 3-in., $3.00.
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Cinerarias, 2½-in., $3.50; 3-in., $6.00; 4-in., $10.00. Cash. Geo. A. Kuhl, Pekin, Ill.

Cinerarias, 2½-in., $2.00 100.
C. Whitton, City St., Utica, N. Y.

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Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

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COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, fine varieties, including Verschaffeltii and Golden Bedder, 2½-in., $2.50 per 100. Rooted cuttings, 60c per 100; $5.00 per 1000. Cash with order.
D. H. Ruthrauff, Seneca Falls, N. Y.

Clematis paniculata, strong, field-grown plants, $15.00 per 100; strongest, $30.00 per 100. Quotations on larger quantities.
Est. of David Fisher, Woburn, Mass.

Good varieties of assorted coleus from 2-in. pots, $2.00 per 100. Cash with order.
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Coleus, fine varieties, 2-in., 2c. R. C., 70c 100, prepaid. A. J. Baldwin, Newark, O.

Coleus in 10 good varieties, 2-in. pots, $2.00 per 100. Kaupp & Son, Nevada, Mo.

Coleus, standard bedding and fancy varieties.
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Coleus, 2½-in., $1.80 100; $15.00 1000.
Springfield Floral Co., Springfield, O.

Coleus, 2-in., $2.50 100. Cash.
Lake Side Greenhouses, Erie, Pa.

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Cyclamen, finest strains, 3-in., $5.00; 4-in., $10.00 per 100. Mostly in bud. Fine Easter stock. J. Sylvester, Florist, Oconto, Wis.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen, 2¼-in., $2.00; 3-in., $4.00; 4-in., $8.00 per 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen, 4-in., $10.00; 5-in., $15.00 100.
C. Whitton, City St., Utica, N. Y.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

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Dahlia. Pot roots for shipment at once. Every section including the popular cactus, show, fancy, pompon and single, $6.00 per 100 in 25 sorts; better and newer kinds, $8.00 and $9.00 100, post-free, cash with order. See display adv. for list of new varieties. Catalogue free. HOBBIES LIMITED, Dereham, England.

I am again ready to handle your business. Only the cream of varieties handled. Standards and novelties, including Mrs. Winters, Mme. Dael, Navajo, Lonsdale, Dainty, Kriemhilde, etc. Catalogue of dahlias, hollyhocks, peonies and hardy plants now ready.
W. W. WILMORE, Box 382, Denver, Colo.

Dahlias. Strong field roots of Kriemhilde, Brunhilde, Ruth, Mrs. Winters, Bruton and many others, new, in cactus and decorative, $5.00 per 100; $40.00 per 1000. Cash. Send for list.
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THE DAHLIA MANUAL.
An up-to-date work on dahlias and dahlia culture, covering the whole field. Illustrated. Price, 35c.
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We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

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Fresh, vigorous stock of dahlias. Write Postum Cereal Co., Ltd., Garden Dept., Battle Creek, Mich.

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Dahlia roots, whole field clumps, $1.00 doz.; $6.00 100. Cash.
R. Vincent Jr. & Sons, White Marsh, Md.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

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DAISIES, fine strong stock for Easter pot plants or spring-flowering. CASH PRICES.
Queen Alexandra, new white, 2 and 2½-in., $2.50 and $3.00 per 100.
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Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash. Fred Grohe, Santa Rosa, Cal.

Queen Alexandra, best white, $1.25 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Daisies, unrooted cuttings, $1.50 per 100.
F. H. Westhoff, De Haven, Pa.

Daisies, best varieties. See display adv.
C. Eisele, 11th & Roy, Philadelphia.

Daisies, 2½-in., $2.50; 3-in., $4.00 100.
P. A. Baker, Media, Pa.

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Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Dracaena indivisa, from 4-in. pots, fine, bushy plants, $10.00 per 100.
Robt. Buck & Co., Washington C. H., Ohio.

Dracaena indivisa, from 4-in. pots, 25 inches, bushy, $10.00 per 100.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa, strong, 6-in., 50c ea.; 4-in. stock, $12.00 per 100.
John Walker, Youngstown, O.

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Please notice the big reductions.
CIBOTIUM SCHIEDEI, the king of ferns, well known for its unequalled beauty and good keeping qualities and as a very easy grower. Strong plants in the following sizes: 2¼-in. pots, $10.00; 3-in. pots, $20.00; 4-in., $40.00; 5-in., $60.00 per 100; 7-in., $1.70 each; 10-in. pots, large specimens, $5.00 each.
Adiantum reginum, beautiful fern, also known as the hardy Farleyense, 4-in., strong plants, $25.00; 5-in., $35.00 per 100. A. rhodophyllum, 4-in., $20.00; 5-in., $35.00 per 100.
Assorted ferns for jardinieres, in all the leading varieties, $3.00 per 100; $25.00 per 1000; 500 at 1000 rate.
J. F. ANDERSON, successor to Anderson & Christensen, Short Hills, N. J.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

Pteris magnifica, Pteris serrulata cristata, Pteris albo-lineata, Pteris Wimsetti and Pteris Ouvrardi, $3.00 per 100, $25.00 per 1000.
Boston, Scotti and Piersoni ferns, 3-in. $8.00, 4-in. $15.00, 5-in. $25.00, 6-in. $40.00 per 100.
J. F. Wilcox, Council Bluffs, Ia.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

Boston and Piersoni ferns, 2½-in., 3c; 3-in., 8c; 4-in., 12c. Barrowsii, 2½-in., ready for 3 and 4-in. pots, only 5c.
A. J. Baldwin, Newark, Ohio.

Fine Boston ferns from bench, $5.00 and $10.00 per 100. Satisfaction or money back.
U. G. Harglerode, Shippensburg, Pa.

Bostons and Scottii, bench-grown; and Bostons, pot-grown. See adv. on cover page.
Baur Floral Co., Erie, Pa.

We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
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Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
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Excellent short-growth Boston and Piersoni ferns, 4-in., 12c; 3-in., 8c.
J. W. Munk & Sons, Mt. Gilead, Ohio.

Boston ferns, fine, large, 4-in., $10.00 per 100; 5-in., $15.00 per 100.
Robt. Buck & Co., Washington C. H., Ohio.

Ferns. Boston, Piersoni, Elegantissima. Prices are given in display adv.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns, 2½-in., Whitmani, $10.00 100. Elegantissima, $5.00 100.
P. R. Quinlan, Syracuse, N. Y.

Nephrolepis Amerpohlii, a grand novelty. See our display adv.
W. P. Craig, 1305 Filbert St., Phila.

Ferns, 2¼-in. Whitmani, $10.00 100. Boston, $3.00 100.
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Ferns, all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Boston and Tarrytown ferns. See display adv. Byer Bros, Chambersburg, Pa.

Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Ferns, Scottii and Piersoni, 2¼-in., 3c. Cash.
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Boston ferns, specimens; $18.00 doz.
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Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Boston ferns, 6-in., 25c.
C. Eisele, 11th & Roy, Phila., Pa.

Scotti ferns, 2½-in., $3.00 100.
Springfield Floral Co., Springfield, O.

Boston and Pierson ferns, 2¼-in., select stock, $3.50 per 100. J. T. Cherry, Athens, Ill.

Nephrolepis Scottii, extra fine, 6-in., $6.00 per doz. John Walker, Youngstown, O.

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Feverfew, extra fine plants, 2½-in., $4.00 100. Cash. S. J. Goddard, Framingham, Mass.

Feverfew, rooted cuttings, 75c 100. Cash.
Converse Greenhouses, Webster, Mass.

Feverfew, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

FUCHSIAS.

Fuchsia Little Beauty, strong, 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Fuchsias, $2.50 100; our selection, 6 varieties, $20.00 1000. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

Fuchsia Little Beauty, 2¼-in., $4.50 100; $40.00 1000. Baur Floral Co., Erie, Pa.

Fuchsia Little Beauty, 2¼-in., $4.00 100. Cash. Lake Side Greenhouses, Erie, Pa.

GERANIUMS.

Rooted cuttings of new geraniums—Mrs. R. F. Gloede, semi-double, very large, color rose-pink, growth exceedingly strong, $20.00 per 100; Kenilworth, flowers single, dark scarlet, strong grower, best of all single geraniums, $10.00 per 100.
Standard varieties—Jean Viaud, La Favorite, J. J. Harrison, rooted cuttings, $16.00 per 1000.
R. F. Gloede, Evanston, Ill.

Geraniums, 2¼ and 2½-in. pots, nice stuff, following varieties: Nutt, Trego, Castellane, Ricard, Jean Viaud, Mrs. Hill, Beaute Poitevine, La Favorite, $2.50 per 100; Trego and Castellane, $3.00 per 100; $20.00 per 1000; 250 at 1000 rate.
Crown Point Floral Co., Crown Point, Ind.

Geranium Tiffin, new single red of 1906 introduction, received honorable mention at Dayton convention last year. Orders booked now for February delivery, 2-in. plants, $2.00 per doz.; $10.00 per 100.
Ullrich's Greenhouse, Tiffin, Ohio.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100.
St. Clair Floral Co., Belleville, Ill.

Please discontinue my classified geranium adv. All sold out.—A. Peterson, Hoopeston, Ill., January 21, 1907. Have YOU surplus stock you wish to dispose of?

Sallerol geraniums, August cuttings, from bench, strong, $15.00 per 1000. From sand, January struck, $10.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Geraniums. 3000 S. A. Nutt, 2-in., fall-rooted, $24.00 1000; $2.50 100.
S. T. Danley, Macomb, Ill.

Geraniums, rooted cuttings, $1.25 100. Ivy. $1.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Rose geraniums, strong rooted cuttings, $1.50 per 100, prepaid. S. W. Pike, St. Charles, Ill

Rose geraniums, 2-in., good, strong plants. $2.00 100. Cash. E. B. Randolph, Delavan, Ill.

Geranium S. A. Nutt, 2¼-in., $2.50 100; $20.00 1000. Cash. Jas. Ambacher, West End, N. J

Geranium Mme. Sallerol, rooted cuttings, $1.00 per 100. D. R. White, Sandusky, O.

Geraniums, 2½-in., $2.50 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

Geraniums. For price see display adv.
Jos. H. Cunningham, Delaware, O.

Mme. Sallerol, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

GLADIOLI.

Gladioli, Groff's hybrid, choice mixture, No. 1, $8.00 per 1000; No. 2, $6.00; No. 3, $3.00; No. 4, $1.50; the latter will generally bloom.
Gladioli in thirty named varieties. See price list. E. Y. Teas Co., Centerville, Ind.

Gladioli. 600 Silver Trophy, section 2; 4000 May, in two lots; 1800 Augusta, in three lots. Write for sizes and closing-out prices.
Mrs. A. H. Austin, Wayland, O.

Groff's hybrids, good blooming size, $8.00; small blooming size, $5.00 per 1000. Bulblets, $2.00 per peck, $5.00 per bushel.
E. R. Macomber, 20 Leonard St., Portland, Me.

Gladioli, all sizes. Stock direct from Groff. Nothing better, $1.00 to $5.00 per 1000.
P. O. Coblentz, New Madison, Ohio.

Colvillei alba The Bride, white forcing variety, 75c per 100; $6.00 per 1000.
Cushman Gladiolus Co., Sylvania, O.

Gladiolus Augusta, 1st size, $12.00; 2nd size, $8.00 1000. Cash.
Rowehl & Grana, Hicksville, N. Y.

Gladioli as good as the best. Nothing better.
C. Betscher, Canal Dover, Ohio.

Augusta, small sizes, $2.00 to $4.50 per 1000.
John Fay Kennell, Chili, N. Y.

Gladioli, named varieties. Write for list.
E. E. Stewart, Rives Junction, Mich.

Gladioli. Finest stock in the world.
Arthur Cowee, Berlin, N. Y.

HARDY PLANTS.

If you are looking for some extra nice 2 to 3 inch silver maples, 2 to 3 inch laurel-leaf willows, 2 to 5 inch Carolina poplars, 1½ to 2½ inch Russian olives, 8 to 10 and 10 to 12 foot white birch, 3 to 4 foot golden willows, 2 to 4 inch box elder, write us. We have lots of them.
The Newburys, Mitchell, So. Dak.

We are headquarters for all the latest and best hardy perennials. We shall be pleased to mail you our catalogue. Royal Tottenham Nurseries, Dedemsvaart, Holland.

Golden Glow, $2.00 per 100. Boltonia asteroides, $5.00 per 100. Weir's cut-leaved maple, fine trees, 8 to 10 ft., $15.00 per 100.
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For Sale. The most complete stock of hardy perennials, dahlias and other bulbs, for spring planting, at reduced prices. Get list.
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Large trees of oaks, maples, pines and hemlocks. We have a full line of all nursery stock and can fill orders promptly.
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An immense stock of both large and small size evergreen trees in great variety; also evergreen shrubs.
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English manetti, gooseberries and ornamentals for florists and nurserymen.
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Herbaceous plants, field-grown. Send for list.
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Fruit and ornamental trees.
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Heliotropes (dark), good stock, strong and well rooted, R. C., 60c 100; $5.00 1000. Cash.
J. P. Cannata, Mt. Freedom, N. J.

Heliotropes, dwarf varieties, 2-in., 2½c; rooted cuttings, 75c 100. Prepaid.
A. J. Baldwin, Newark, O.

Heliotropes, dwarf varieties, 2-in., $2.50. Rooted cuttings, $1.00 per 100.
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Hollyhocks. Large field-grown plants, $3 00 per 100. Double in separate colors of red, white, pink, yellow and maroon; also the Allegheny strain.
Send for catalogue of hollyhocks, dahlias and hardy plants.
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Double hollyhocks, 2½-in., $2.75 per 100.
H. B. Snow, Camden, New York.

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Bush honeysuckle, White Tartarian, fine stock, 3 to 3½ ft., $8.00 per 100; 2 to 3 ft., $6.00 per 100. Mount Arbor Nurseries, Shenandoah, Iowa.

HYDRANGEAS.

Hydrangea paniculata grandiflora, good stock, $7.50 per 100.
Mount Arbor Nurseries, Shenandoah, Iowa.

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English ivy, 3 varieties, all true to name, cuttings, $15.00 per 1000; from soil, $25.00 per 1000. R. F. Gloede, Evanston, Ill.

Hardy English ivy, 4-in., $1.50 doz.; $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

German ivy. R. C., 50c 100; $4.00 1000. Cash.
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English ivy, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

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Syringa grandiflora, 3 years, strong, $15.00 per 100. John Stamm, Hutchinson, Kan.

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Extra fine valley pips, $16.00 1000; cases of 500 if desired.
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Reliable English mushroom spawn.
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Weeping mulberries, strong, 1-yr.-old heads, grafted, 5 to 6 ft., $45.00 per 100.
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Lilac Charles X, on own roots, 4 yrs. old, 3 to 4 ft., $18.00 per 100; 4 to 5 ft., $20.00 per 100.
Barberry Thunbergi, 5 yrs. old, good, heavy stock, 2½ to 3 ft., $25.00 per 100.
Privet Amurense, bushy plants, 4 to 5 ft., $25.00 per 100; 3 to 4 ft., $18.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

Edward Bellamy althaea, best double pure white in cultivation, 2 to 3 ft., $5.00 per 100.
Calycanthus (sweet shrub), 1½ to 2 ft., transplanted, $5.00 per 100.
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Sugar maple seedlings, very fine, 1 to 1½ ft., $8.00 per 1000; 6 to 12 inches, $5.00 per 1000.
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Headquarters for ornamental nursery stock. Wholesale trade list on application.
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Deciduous trees and shrubs. Send for price list. Cottage Gardens Co., Queens, N. Y.

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Orchids. A large importation in perfect condition just received.
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Orchids, established and semi-established.
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Oxalis, summer or bedding, 4 distinct colors, named, 50c per 1000; 10,000, $4.00; 100,000, $25.00. Two-year-old bulbs, $2.00 per 1000.
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Kentia Forsteriana, Belmoreana, Cocos Weddelliana, all sizes. See display adv. for prices.
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Livistona rotundifolia, well-leaved and clean, $6.00, $9.00 and $12.00 per doz.
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Latania Borbonica, 4-in., $15.00 100. Kentia Belmoreana, 5-in., $60.00 100.
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We have some fine specimen kentias and other decorative plants.
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Pandanus Veitchii, rooted cuttings, $12.00 per 100. Henry S. Pennock, Neptune, Fla.

Palms and decorative plants.
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Pansy plants. Prices are given in display adv. Jos. H. Cunningham, Delaware, O.

PANSY PLANTS—Continued

Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
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Pansy plants, Perret and Trimardeau strains, strong frame-grown, fine for Easter, $3.00 per 100; $25.00 per 1000. Cash.
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Peonies. Queen Victoria (Whitleyii), $9.00 per 100; Festiva maxima, $30.00 per 100; Fragrans, the bloom producer, $6.00 per 100. For other varieties and 1000 rate, write
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Wholesale grower of peonies. List of 100 varieties. J. F. Rosenfield, West Point, Neb.

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Peonies, 1200 sorts. Greatest list anywhere.
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Petunia The Queen, strong plants, 2¼-in., $1.50 doz.; $10.00 100; $90.00 1000. Ready Feb. 15.
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Double petunias, mixed, 2-in. pots, $4.00 per 100.
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Petunias, double, Dreer's strain, 2-in., 3½c.
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Hardy phlox, best assortment, standard varieties, 2-year, field clumps, $3.00 per 100.
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We have to offer 2000 poinsettias, strong, healthy, dormant stock, at $6.00 per 100, or $50.00 per 1000. Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

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Double poinsettias, dormant roots, $3.00 doz.
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Primula obconica, all colors, including new carmine. In bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100. Forbesi, in bud and bloom, 3-in., $5.00 per 100. Chinese, in bud and bloom, 3-in., $5.00; 4-in., $10.00 per 100.
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40 5-in. Chinese primroses, 40 5-in. Primula obconica, all extra strong, 10c each, or will exchange for unrooted carnation cuttings of White Lawson, Patten or Estelle.
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Primulas. Chinese, 3½-in. pots, in full bloom, $8.00 per 100. Buttercup, 3½-in. pots, in full bloom, $7.00 per 100. All plants are very strong. Carl Meier, Green Bay, Wis.

300 Chinese primulas, Rupp's strain of seed, 4-in., $6.00 100; all in bloom and fine. 1000 obconica, 2 and 3-in. pots, $2.00 and $3.00 100.
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Chinese primroses, 5-in., in bloom, all colors, $5.00 per 100. Cash.
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10,000 California privet, 1-year, well rooted, $1.25 per 100; $10.00 per 1000.
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Privet Japonica and Amoor River, 2-year, $2.50 and $3.00 per 100.
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Rhododendrons, bushy, leading forcing var., 18 to 20 in. high, $9.00; 20 to 24 in., $12.00 doz. Storrs & Harrison Co., Painesville, O.

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Vinca var., 90c. Ageratums, 60c. German ivy, 60c. Hardy pinks, 75c to $1.00. Cash. Other stock is given in display adv.
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Alternantheras, 60c 100; $5.00 1000. Salvias, heliotropes, $1.00 100; $8.00 1000. Coleus, 70c 100. Feverfew, $1.25 100.
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Roses. Baby Ramblers, the strongest, dormant budded stock in the country, $25.00 per 100; 2-year, No. 1, own root, $15.00 per 100; 1-year, No. 1, own root, $12.00 per 100; 2¼-in. pot plants, $4.00 per 100, 250 plants for $7.50; 4-in. pot plants, in bloom, March and April, $15.00 per 100.
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Roses for spring blooming. The proper sorts. Jacq, Brunner, La France, Magna Charta, American Beauty, Crimson Rambler, etc. Fine field-grown plants that have never been forced, suitable for 5-in. pots, 7c; extra strong for 6 or 8-in., 10c. Crimson Rambler, XXX, long tops, 20c. Packed free for cash.
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We are now booking orders
For early delivery
GRAFTED AND OWN ROOT ROSE PLANTS
Bride, Maid, Kaiserin, Carnot,
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Send for prices.
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For March, April and May delivery, Bride, Bridesmaid, Perle, Chatenay, Ivory and Richmond rose plants from 2½-in. pots at $3.00 per 100, $25.00 per 1000. First-class stock guaranteed. J. F. AMMANN, Edwardsville, Ill.

We will have a surplus of all varieties of forcing roses grown for our own use, and ready for planting early. Our experience has demonstrated that southern-grown stock is best for southern growers. Will make special low prices.
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Roses, rooted cuttings. G. Gate, $1.25 per 100; $10.00 per 1000. Ivory, $1.25 per 100; $10.00 per 1000. Bridesmaid, $1.25 per 100; $10.00 per 1000.
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Own root roses, 2 yrs. C. Ramblers, $7.00. Dorothy Perkins, P. W. and Y. Ramblers, $5.00. H. P. roses and Baby Ramblers, $8.00 100.
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Roses, strong, healthy cuttings and pot plants. Young stock, leading varieties. Prices are given in display adv.
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Bride and Maid, from bench, dormant, $6.00 100; $50.00 1000.
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Roses and all Holland grown plants in choicest varieties.
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Rooted rose cuttings. Fine stock. See display adv.
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Low-budded roses, No. 1, $95.00; No. 1½, $65.00 1000. H. T. Jones, Elizabeth, N. J.

Rose plants on own roots, now ready. Write for list. C. M. Niuffer, Springfield, O.

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Rubbers, top cuttings, out of 3's. Strong, healthy plants, ready for delivery, $150.00 1000. In lots of 500 or less, $16.00 per 100; in lots of 100 or less, $17.00 per 100.
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Rubbers, strong plants, 4-in., 20c; 5-in., extra strong, 25c. Cash.
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Salvias, good, strong rooted cuttings of St. Louis and Bonfire, $1.00 100; $8.00 1000. Cash.
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Salvia Bonfire, R. C., prepaid, $1.00 100; express, 2-in., 2½c.
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Santolinas, fine 2-in., $2.00 per 100. Rooted
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Santalinas, fine 2-in., $2.00 per 100. Rooted cuttings, fine plants from sand, $1.00 per 100. Cash with order, please.
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Aster seed. Watkins & Simpson's Covent Garden strain. New white, Comet Express, earlier and larger than Queen of Market, tr. pkt., 25c; ¼ oz., 60c; oz., $2.00. Queen of Market, pink, white, purple, crimson, tr. pkt., 15c; oz., 50c. Branching, white, shell-pink, lavender, tr. pkt., 15c; ¼ oz., 25c; oz., 75c.
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Dreer's reliable flower seeds. New crops are now ready to send out. Display adv. gives a short list of the varieties which should be sown early. Send for our catalogues which contain the most complete offerings of seeds, plants and bulbs.
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Headquarters for cauliflower and Tripoli onion seed, Crystal Wax and Bermuda, and all other vegetable seeds of unrivaled quality. All flower seeds grown on an enormous scale. Ask for wholesale catalogue. Dammann & Co., San Giovanni a Teduccio, Italy.

Seeds of palms, ferns, asparagus, callas, cyclamen, Primula sinensis, tropical plants; white and red Bermuda onions, the true Teneriffe seed. Send for illustrated wholesale catalogue. Albert Schenkel, Seed Grower, Hamburg, Germany.

Florists' flower seeds, new crop of the finest quality. For complete list of seeds, send for trade price list.
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Seeds. L. C. Nungesser, Griesheim, nr. Darmstadt, Germany, exporter and importer. Specialties: Selected grass and clover seeds, alfalfa of Provence and Turkestan; free from dodder and cuscuta. Crimson clover.

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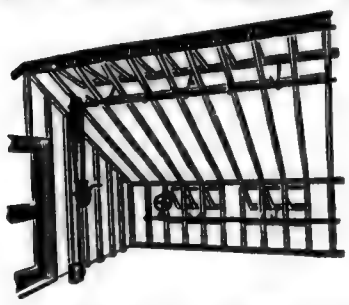


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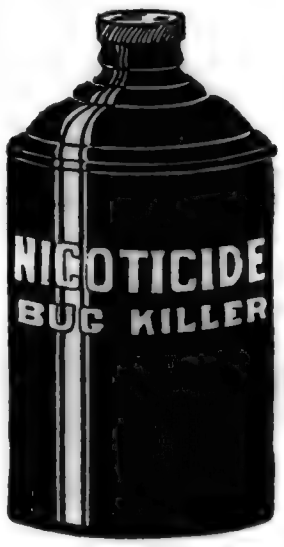
we furnished a lot of hotbed sash to Mr. S. Stough and he wrote us about them as follows: "Your sash are well put up and the finest I ever bought. If properly painted and taken care of I believe they will last over 25 years." We make our sash in the right way of the best material, and you will find them superior to any other make. Let us quote prices on them. If you need anything in our line do not buy until you have our prices.

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Cheapest and best on market. Once used, always used.
Positively kills green and black fly, mealy bugs, red spider, scale, thrips, or any insect on flowers, plants, trees, vegetables, etc. Will not injure, scent or discolor the most delicate flowers and foliage. **Also sure death to Gypsy and Tussock Moths.**
Especially adapted for Roses, Carnations, Chrysanthemums, Heliotropes, Smilax and Ferns. Handled by Leading Seedsmen.
$3.50 per can of 5 Gallons.
Prepared by W. H. KULD, Norwood, Mass.

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Drop us a line and **we will prove it....**
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KILLS YOUR SCALE.
Take a can of the oil, dilute to four times its bulk with water and then spray or wash your plants. Prices—½ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.
Andrew Wilson, Dept. 5, Summit, N. J. or H. A. Dreer, Inc., Philadelphia.
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THE FLORISTS' HAIL ASS'N HAS PAID $101,000.00
for glass broken by hail in the past twenty years
For particulars address
JOHN G. ESLER, Sec'y, Saddle River, N. J.

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THEY KILL BUGS
LIQUID FORM 45 per cent Nicotine.
FOR SPRAYING.
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FOR BURNING.
Fumigating Powder
FOR SLOW BURNING.
DUSTING POWDER
FOR VEGETABLE GROWERS.
You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.
E. H. HUNT
76-78 Wabash Ave., CHICAGO

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NOTICE
To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the
Horticultural Advertiser
Our circulation covers the whole trade in Great Britain and the cream of the European firms.
Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.
A. & C. PEARSON
Lowdham, Nottingham, England
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Our output of Flower Pots is larger than any concern in the World
Our Stock is always Large and Complete

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Warehouses: JERSEY CITY, N. J. LONG ISLAND CITY, N. Y.



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FLORIST WARE OF EVERY KIND

A. H. HEWS & CO., INC.

POT MAKERS FOR 140 YEARS

CAMBRIDGE, MASS.

Mention The Review when you write.

BLOOMINGTON, ILL.

The Illinois State Florists' Association meets at Bloomington, Tuesday and Wednesday, February 19 and 20. The Bloomington Florists' Club is sparing no pains to make this the banner meeting. It has secured Odd Fellows' hall. It is located one block from the court house, and has plenty of room for the meeting and exhibits. The exhibition committee is already assured that there will be a good exhibit of cut flowers, including many of the new carnations, also a good display of florists' supplies. Bloomington has good hotel accommodations at reasonable rates and good street car service.

A. R. Knowles.

A FERN HOUSE.

What is the ideal house for growing ferns and how should it stand, east and west or north and south?

A north and south house is, without doubt, suitable for the growing of ferns, as many ferns are shade-loving plants. Those that will endure the direct rays of our summer sun, such as the nephrolepis, will get sufficient sunlight from an even-span house with north and south ridge. An east and west house would be sure to need the southern slope shaded in summer time.

Tropical ferneries, even in England, are often excavated, the floor of the houses being several feet below the grade of the surrounding surface. This is perhaps done to obviate so much need of fire heat. While the majority of ferns that we florists grow like a warm temperature, few, if any, like fire heat at their roots. There is no need of excavating for the fern house. It is too expensive; but I should build the walls of brick and place the heating pipes on the walls, or anywhere except beneath the benches, and the floor of the house should be the natural surface, or two inches of fine gravel spread over the surface. There is a natural humidity rising from mother earth which is congenial to ferns, and if the floor of the house was cement or tile you would have to be continually dampening down to create the same moisture.

There is no need of side ventilation in your walls. Plenty of ventilation at the ridge is all you need. The ferns include such a numberless family, and their natural environments differ so widely, that it would be difficult to build a house suitable to many genera. But as a rule I venture to say that the great majority of our ferns like it cool at the roots and warm for their fronds.

W. S.

Memphis, Tenn.—A dwelling owned by the Memphis Floral Co., near its greenhouses on College street, was destroyed by fire January 19. The residence was occupied by the manager and his assistants. All escaped without injury.



Twin City Pottery Mfg. Co.

Successors to J. G. Swahn's Sons

—MANUFACTURERS OF—

GARDEN VASES, FLOWER POTS, HANGING BASKETS

Let us figure on your needs.

Both telephones. **2406 Marshall St., N. E., Minneapolis, Minn.**

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POTS OF QUALITY

If we were to manufacture greenhouse pots from any other kind of clay, our argument that **IONIA POTS** are the **BEST POTS** would lose its effect.

For 36 years the demand for them has steadily increased. Hundreds of florists use them exclusively. Make up your spring order. Send it to us now.

We will ship when you direct.

IONIA POTTERY CO., Ionia, Mich.

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KELLER POTTERY CO.

Manufacturers of Florists' Red Flower Pots
Azalea Pots, Bulb and Fern Pans, Etc.

The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R.

213 to 223 PEARL STREET, NORRISTOWN, PA.

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Red Standard Pots

Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3.50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7.20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application

HARRISON POTTERY, Harrison, Ohio.

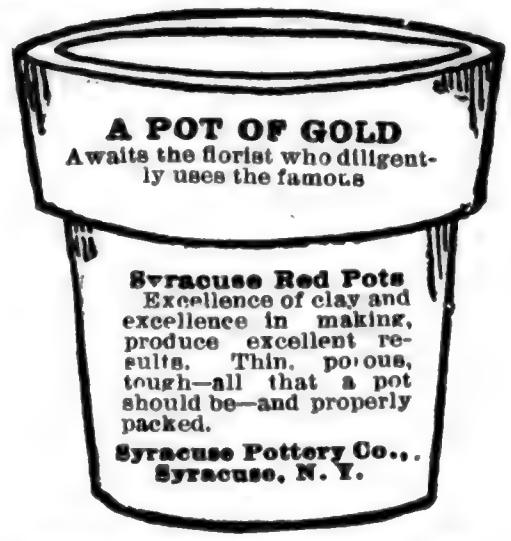
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Kramer's Pot Hanger

For Sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Iowa



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RED

Standard Flower Pots

Price list and samples on application.

PADUCAH POTTERY CO., INC.

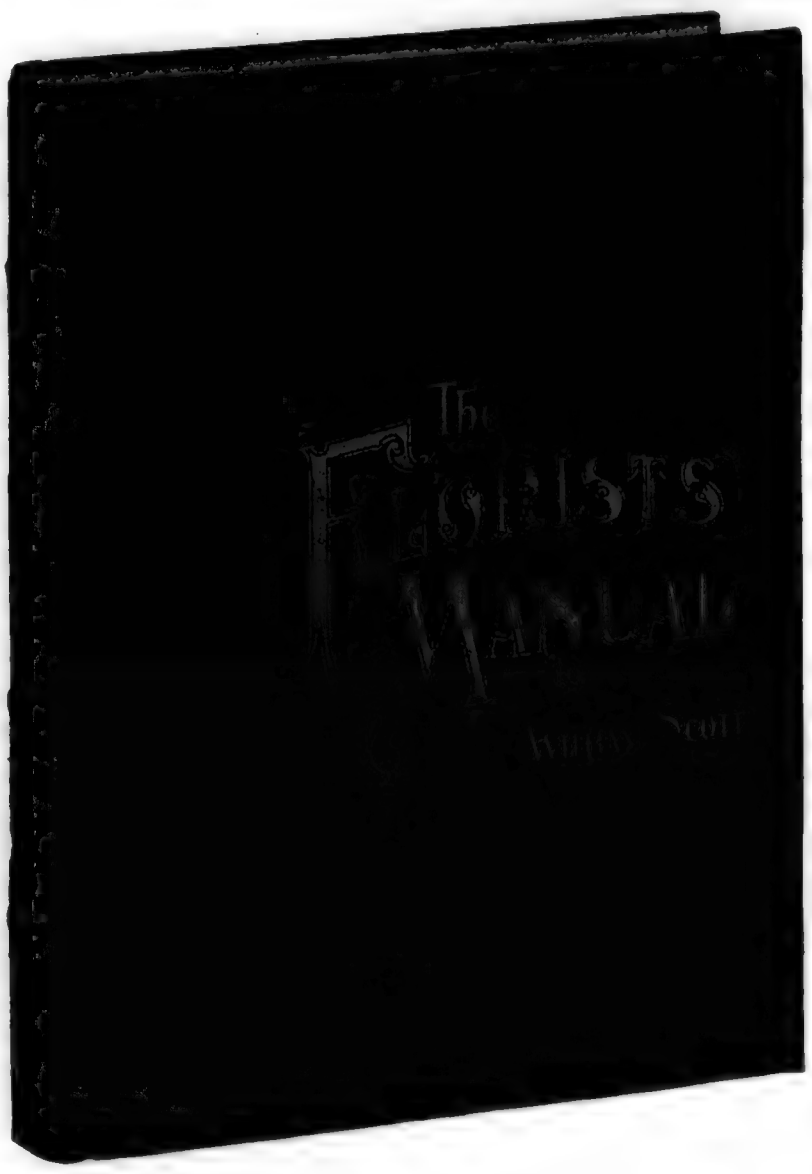
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No dry-as-dust botanical classifications, but tells you just how to produce marketable plants and cut flowers in the best and cheapest way.

TELLS you just what you want to know about every plant that there is any money in for a Commercial Florist.

Treats of over 200 subjects and is freely illustrated with fine half-tone engravings.

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Valuable Catalogue on Modern Steam and Hot Water Heating, mailed free on request. Address

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Dept. R, Geneva, N. Y. 296 Pearl St., New York

FURMAN BOILERS have been awarded Certificate of Merit at five different Florists' Conventions. They have a record of 20 years. Over 25,000 in use.

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EDWARD S. DEAN, Bloomington, Ill.
HENION & HUBBELL, 61 N. Jefferson St., Chicago.

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Greenhouse Heating.

PIPING A NEW HOUSE.

I am building a greenhouse 21x104. I have planned to use a 2½-inch flow with twelve 2-inch returns, four under each bench. Have I allowed for enough pipe for Connecticut climate?

L. C. A.

You do not state the temperature you desire, but figuring your house on a basis of 60 degrees, if you use a 3-inch riser (2½-inch is too small) and twelve 2-inch returns, as you have planned, you will not go far wrong, assuming that you are to use hot water at 180 degrees. If you use less heat more pipe will be required, and if you require a temperature of 70 degrees the piping should be increased accordingly. L. C. C.

GAS FOR FUEL.

I would like to know if either natural or manufactured gas is used for fuel and what florists think of its value as compared to coal. Is it harder on the boiler and does it cost more or less than coal? W. P. R.

Yes, natural gas is frequently used for greenhouse heating in localities where this fuel is abundant and cheap. It is a question how much one can afford to pay for it in comparison with coal, for the gas makes no ashes to be removed, requires no night fireman, and when intelligently used is no harder upon the boiler than other fuels producing heat of equal intensity. If the value of the gas is to be determined solely by its heat producing power, then it must be figured that when the cost of 30,000 feet of gas exceeds the cost of a ton of coal it is cheaper to produce the heat from coal; but as above suggested the gas has other advantages which must be weighed against the cost of coal.

L. C. C.

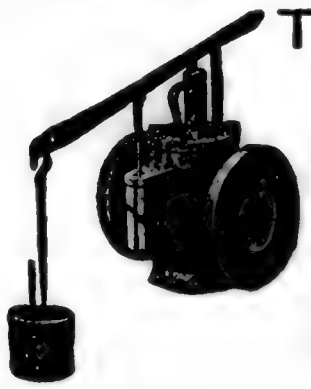
INSUFFICIENT RADIATION.

We have installed a heating plant at our house which is not doing well. The overhead system of piping is used. There are two 2-inch flows, one under each ridge, with a rise of nine feet above the heater, then gradually rising to the other end of the house. There are four 1¼-inch returns along the south, east and west walls; also four 1¼-inch returns through the center of the house. The center run of returns is fed by two 1-inch pipes taken from the two 2-inch flows. The returns along the wall are fed by these same 2-inch flows. Our heater is a No. 20 Wilks hot water heater. The returns enter it through three 2-inch pipes.

Our house is 29x48, double-span, ten feet to the ridge. The south end of the house is glass from the wall up and the wall is three feet high. There are walls three feet high on the east and west sides and three feet of glass. The walls are made of cement blocks. There is an office and workroom at the north end. The heater is in the basement below the office and workroom, nine and one-half feet below the highest point in the system.

The expansion tank is two feet above the highest point in the system and is connected to the flow pipe nine feet above the heater. There is a Honeywell circulating apparatus connected to the system just below the expansion tank and is also connected to the expansion tank.

Have we used the right size of pipe and enough of it? Is the pipe put in right? Could we leave our piping as it is and by installing a steam heater use hot water during the spring and fall, then when severe weather sets in draw off the water and use steam? If not,



THE JOHN DAVIS COMPANY
Halsted, 22d and Union Sts, CHICAGO
MANUFACTURERS OF
Reducing Valves, Back Pressure Valves, Steam Traps, Steam Goods

This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 6, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

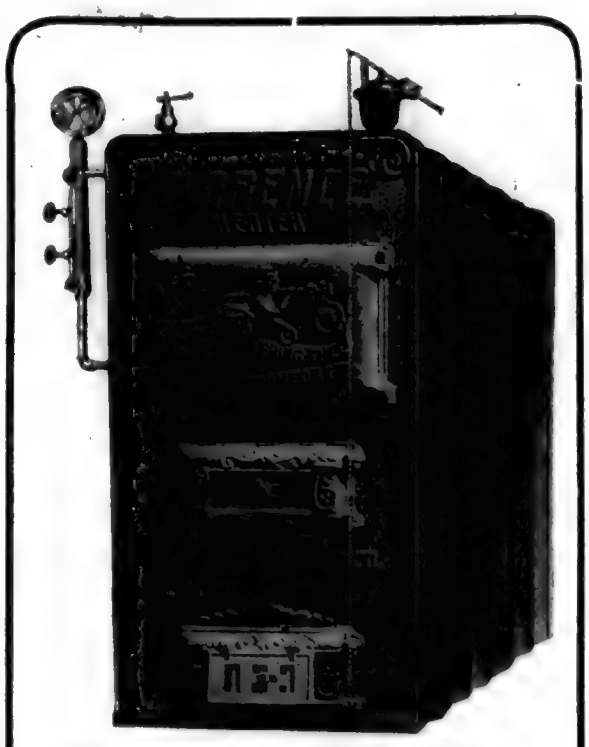
GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

DO YOU KNOW ABOUT THE
Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 283 Dearborn St. CHICAGO
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Write Us Your Wants in
Heating Specialties
We supply everything needed for a Greenhouse Heating Plant. Booklet for the asking.
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Manufacturers of
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35th and Shields Ave., CHICAGO, ILL.
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ONE of our UNIVERSAL
FUEL BURNERS
It not only burns any kind of fuel but gives the best possible results to be obtained from it. Write to us for catalogue and full information.
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Sales Dept., 36 Dearborn St., Chicago
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C. C. B. POCAHONTAS SMOKELESS

is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequaled for the Generation of Steam and Domestic Purposes.**

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Main Office: Arcade Bldg.
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4 Fenchurch Ave., London. E. C., Eng.

Mention The Review when you write.



ON PAGE 565, Jan. 10

issue of this publication there appeared an advertisement for the sale of a greenhouse. One of the first things said about the plant was that

Morehead Steam Traps

WERE INSTALLED

When the fact that Morehead Steam Traps installed in a plant is used as one of the first talking points in order to effect a sale of the plant, illustrates in a most convincing way what the user thinks of the **MOREHEAD.**

Are you satisfied with the operation of your steam system?

Have you condensation troubles?

We have the remedy for your heating troubles. Write us for our Florists' Catalogue.

Morehead Mfg. Co.

1043 Grand River Ave.
Detroit, Mich.

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Kroeschell Bros. Co.

IMPROVED

Greenhouse Boiler.

51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

Mention The Review when you write.

High-Grade Boilers

Get our Catalogue **For GREENHOUSES**

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

Mention The Review when you write.

what change would you suggest? We wish to maintain a temperature of 50 degrees when the temperature outdoors is 20 degrees below zero. A. F. & P. C.

I can only find about 700 lineal feet of 1¼-inch pipe in the house, according to the statement given, which is about 300 feet short of the amount necessary to heat the house properly by steam, and about one-half of what they should carry on a hot-water basis. By increasing the pipe to about 1,100 lineal feet of 1¼-inch pipe it will be feasible to heat them as you suggest and use hot water during spring and fall and steam during severe spells. The expansion tank should not connect with the flow pipes but with the return close to the boiler and be carried as high as possible above the highest point in the system; twelve or fifteen feet is not too much. The plan of the piping seems to be all right.

L. C. C.

HEATING TWO HOUSES.

I have two north and south houses which I wish to heat with hot water. The first is 15x65, with walls three and one-half feet high and seven and one-half feet to the ridge. The other is 26x100. The boiler is in a cellar so that the top is about level with the floor. The grate is 30x36 inches. There is a 4-inch outlet on top of the boiler. The main return is a 3-inch pipe. Will you give the size and number of flows and returns for each house? Is the boiler large enough to heat to 60 degrees in zero weather? How high should I place my expansion tank? D. N. C.

The boiler is barely large enough to carry the two houses. Its capacity figures about 1,400 square feet of radiation, while the houses require about 1,300 square feet. The large house should have a 3-inch flow and thirteen 2-inch returns. I would not advise the use of returns smaller than 2-inch on a house of this size. The smaller house can be heated by the use of a 2-inch flow and nine 2-inch returns, or, if you wish to work all the piping under the benches, the small house should have two 2-inch flows, each carrying four 2-inch returns. The large house can be piped in another fashion by using two 2½-inch flows, each supplying six 2-inch returns, all the pipes under the benches or along the side walls. If you use 1-inch connection from the main return to the expansion tank located fifteen or eighteen feet above the point of connection it should be all right. L. C. C.

BOILER FEED-PUMP.

We heat our greenhouses by steam and contemplate emptying our return pipes into a cistern sixteen feet deep. What kind of a pump do we need to put that hot water back into the boiler against twenty pounds of steam pressure and handle 500 gallons per hour? Where can we get one and what will it cost?

F. B.

You can accomplish what you wish in either of two ways: First, by the use of a boiler feed-pump to lift the water from the well and deliver it into the boiler or, second, by the use of a steam-trap. There are many good boiler feed-pumps on the market, any one of which will do the work. Write to the advertisers of steam specialties in the REVIEW. The steam-trap has the advantage that it works automatically, while the feed-pump would require attention if not provided with controlling devices for starting and stopping it as needed.

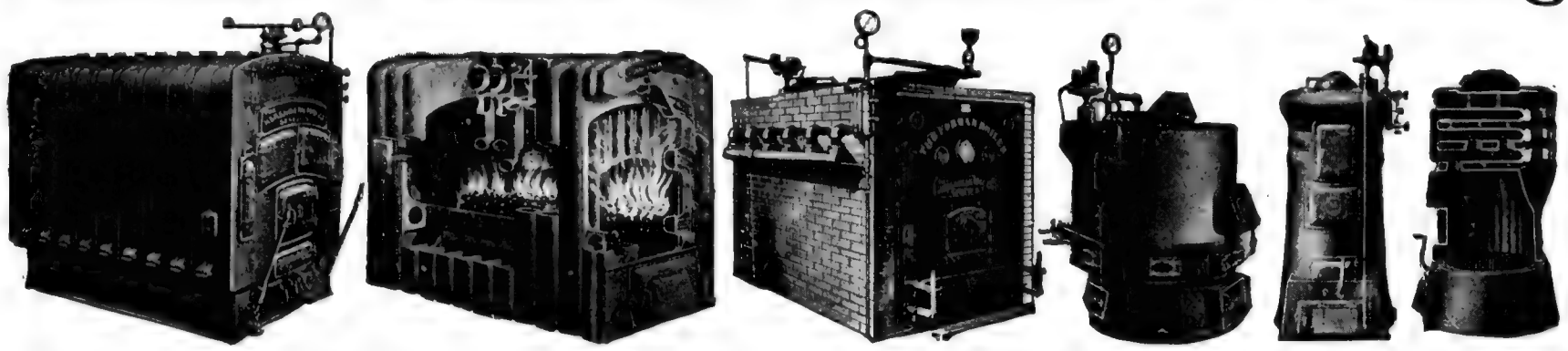
L. C. C.

ROCKLAND, Me.—Harry J. Billings, a well-known florist, has been selected as socialist candidate for mayor at the coming election.

DANVILLE, ILL.—Herbert and Joseph Smith have plans drawn for two greenhouses to be erected next summer. The houses will each be 30x300 and will be used for roses and carnations.

BELVIDERE, ILL.—V. H. Anderson has moved to a new location and is now at 418 E. Madison street. He reports trade as not very brisk. Carnations are plentiful and of good quality, but roses are scarce and not up to standard.

Furman Boilers for Greenhouse Heating



Valuable Catalogue on Modern Steam and Hot Water Heating, mailed free on request. Address

THE HERENDEEN MANUFACTURING COMPANY,
Dept. R, Geneva, N. Y. 296 Pearl St., New York

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THE JOHN DAVIS COMPANY
Halsted, 22d and Union Sts, CHICAGO
MANUFACTURERS OF
Reducing Valves, Back Pressure Valves, Steam Traps, Steam Goods

This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 6, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

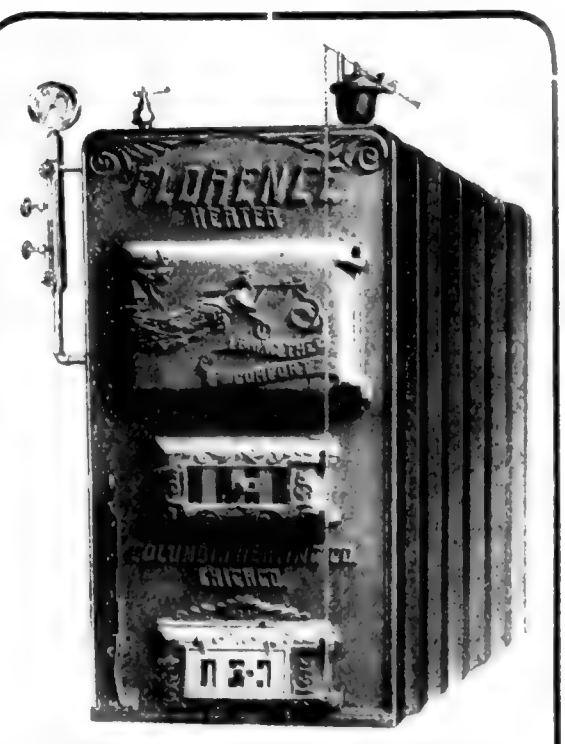
GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
W. H. GULLETT & SONS, FLORISTS.

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Martin Rocking Grate
IT SAVES COAL
MARTIN GRATE CO. 283 Dearborn St. CHICAGO
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Write Us Your Wants in
Heating Specialties
We supply everything needed for a Greenhouse Heating Plant. Booklet for the asking.
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Manufacturers of
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It not only burns any kind of fuel but gives the best possible results to be obtained from it. Write to us for catalogue and full information.
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C. C. B. POCAHONTAS SMOKELESS

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ON PAGE 565, Jan. 10

issue of this publication there appeared an advertisement for the sale of a greenhouse. One of the first things said about the plant was that

Morehead Steam Traps

WERE INSTALLED

When the fact that Morehead Steam Traps installed in a plant is used as one of the first talking points in order to effect a sale of the plant illustrates in a most convincing way what the user thinks of the **MOREHEAD.**

Are you satisfied with the operation of your steam system?

Have you condensation troubles?

We have the remedy for your heating troubles. Write us for our Florists' Catalogue.

Morehead Mfg. Co.

1043 Grand River Ave.
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Mention The Review when you write.

what change would you suggest? We wish to maintain a temperature of 50 degrees when the temperature outdoors is 20 degrees below zero. A. F. & P. C.

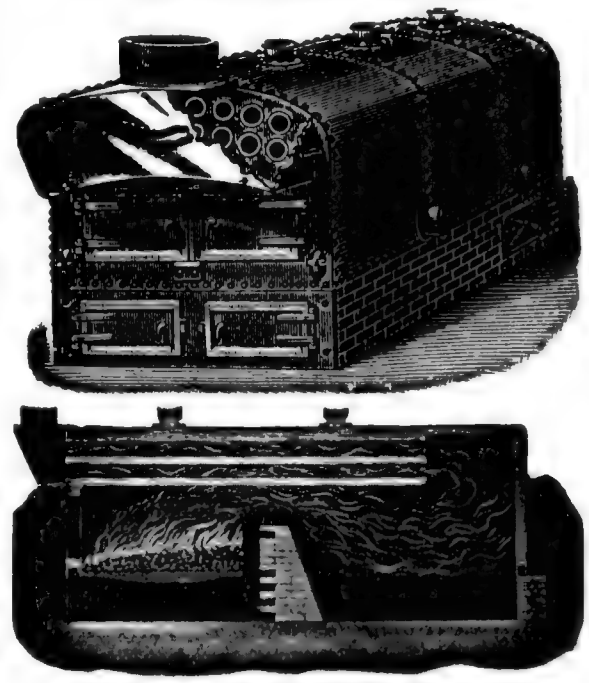
I can only find about 700 lineal feet of 1¼-inch pipe in the house, according to the statement given, which is about 300 feet short of the amount necessary to heat the house properly by steam, and about one-half of what they should carry on a hot-water basis. By increasing the pipe to about 1,100 lineal feet of 1¼-inch pipe it will be feasible to heat them as you suggest and use hot water during spring and fall and steam during severe spells. The expansion tank should not connect with the flow pipes but with the return close to the boiler and be carried as high as possible above the highest point in the system; twelve or fifteen feet is not too much. The plan of the piping seems to be all right.

L. C. C.

Kroeschell Bros. Co.

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Greenhouse Boiler.

51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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HEATING TWO HOUSES.

I have two north and south houses which I wish to heat with hot water. The first is 15x65, with walls three and one-half feet high and seven and one half feet to the ridge. The other is 26x100. The boiler is in a cellar so that the top is about level with the floor. The grate is 30x36 inches. There is a 4-inch outlet on top of the boiler. The main return is a 3-inch pipe. Will you give the size and number of flows and returns for each house? Is the boiler large enough to heat to 60 degrees in zero weather? How high should I place my expansion tank? D. N. C.

The boiler is barely large enough to carry the two houses. Its capacity figures about 1,400 square feet of radiation, while the houses require about 1,300 square feet. The large house should have a 3-inch flow and thirteen 2-inch returns. I would not advise the use of returns smaller than 2-inch on a house of this size. The smaller house can be heated by the use of a 2-inch flow and nine 2-inch returns, or, if you wish to work all the piping under the benches, the small house should have two 2-inch flows, each carrying four 2-inch returns. The large house can be piped in another fashion by using two 2½-inch flows, each supplying six 2-inch returns, all the pipes under the benches or along the side walls. If you use 1-inch connection from the main return to the expansion tank located fifteen or eighteen feet above the point of connection it should be all right. L. C. C.

High-Grade Boilers

Get our Catalogue **For GREENHOUSES**

STEAM and HOT WATER

GIBLIN & CO., Utica, N. Y.

Mention The Review when you write.

BOILER FEED-PUMP.

We heat our greenhouses by steam and contemplate emptying our return pipes into a cistern sixteen feet deep. What kind of a pump do we need to put that hot water back into the boiler against twenty pounds of steam pressure and handle 500 gallons per hour? Where can we get one and what will it cost?

F. B.

You can accomplish what you wish in either of two ways: First, by the use of a boiler feed-pump to lift the water from the well and deliver it into the boiler or, second, by the use of a steam trap. There are many good boiler feed-pumps on the market, any one of which will do the work. Write to the advertisers of steam specialties in the REVIEW. The steam-trap has the advantage that it works automatically, while the feed-pump would require attention if not provided with controlling devices for starting and stopping it as needed.

L. C. C.

ROCKLAND, Me.—Harry J. Billings, a well-known florist, has been selected as socialist candidate for mayor at the coming election.

DANVILLE, ILL.—Herbert and Joseph Smith have plans drawn for two greenhouses to be erected next summer. The houses will each be 30x300 and will be used for roses and carnations.

BELVIDERE, ILL.—V. H. Anderson has moved to a new location and is now at 418 E. Madison street. He reports trade as not very brisk. Carnations are plentiful and of good quality, but roses are scarce and not up to standard.

THE PARTICULAR REASON
WHY YOU SHOULD WRITE US BEFORE BUYING YOUR
GREENHOUSE GLASS
ELSEWHERE IS
WE ARE THE LARGEST MANUFACTURERS AND JOBBERS OF GLASS IN THE COUNTRY
WE CAN FURNISH YOUR REQUIREMENTS PROMPTLY
OF GOOD BRANDS AND AT LOWEST MARKET PRICES
THE PITTSBURGH PLATE GLASS CO.
442 WABASH AVE. CHICAGO
We are Sole Distributors of PATTON'S SUN-PROOF PAINTS. Just the thing for Greenhouses.
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GRAND RAPIDS.

The Market.

The weather has turned extremely cold, the thermometer hovering from zero to 16 degrees above. Snow is six inches deep, making good sleighing. The extreme cold was preceded by two days of continuous rain, which caused the river to rise rapidly to flood height, then freeze solid so as to form an ice-jam. This jam has been pushed up higher and higher by the water underneath, until it has inundated a portion of the west side, backed up in the sewers and filled the basements of dwellings and stores on Canal and other streets. A large gang of men are at work night and day building sand bag embankments to keep the waters and ice in check.

Trade has settled down to a healthy, steady grind. All are busy. Flowers are coming in larger quantities, except roses, which are at the famine point. Carnations are barely plentiful enough to fill all demands. Callas and Easter lilies are more plentiful. Tulips and Von Sions, although a bit short in the stem, are on the market and meet with a fair sale. Stevia is about over.

Club Meeting.

An attempt is being made to revive interest in the Florists' Club, that has been dormant for several years, and every indication points to success. A meeting was held January 24 at the Board of Trade rooms, Henry Smith presiding. Mr. Freyling was appointed temporary secretary. The idea is to so expand the scope of the club that it will include with the florists, lettuce growers, seedsmen and nurserymen.

A committee of three was appointed to draw up a new set of bylaws. The committee consisted of N. B. Stover, Frank Strong and Geo. F. Crabb. Another committee was appointed to submit a list of prices on bedding stock, consisting of Mr. Freyling, Geo. F. Crabb and Alfred Hanna. There were fourteen present and all enthusiastic over the prospects of having a live, progressive club once more. The meeting adjourned for one week.

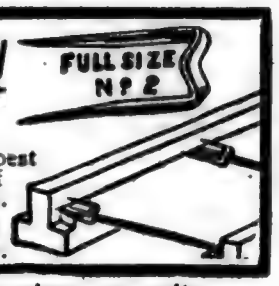
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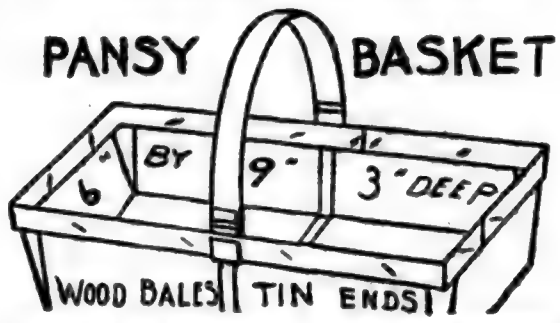

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EXTRACT from a letter received from J. J. Lampert & Sons, Xenia, Ohio: "We have the larger house planted to mums now and they have outgrown considerable stock that was planted a month earlier in this locality. Also we have one house planted to roses which are doing nicely. We like the houses ever so much and would not have anything else again."
Signed, J. J. LAMPERT & SONS.

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WEST.
"They are perfect in every way."
C. F. MALER,
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and the successful florist wants more than ordinary bloom and stunted stem—he wants all there is in the soil—the bush—the stem—the bloom.

Don't Starve the Roots.

Put away your bushes this fall with plenty of fall and spring food for the roots.
The richest root food, stem and bloom producer you can use is

WIZARD BRAND PULVERIZED SHEEP MANURE

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Special prices to florists and greenhouse operators. Write for booklet.

The Pulverized Manure Co.
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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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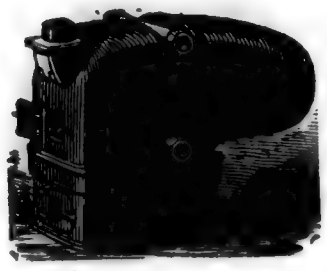
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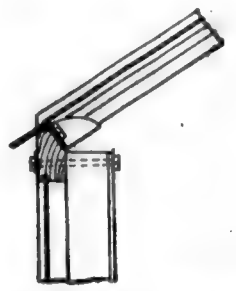
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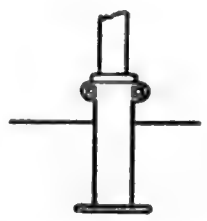


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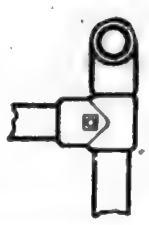
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, FEBRUARY 7, 1907. No. 480.

Aster to Zinnia

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Mammoth, white	.25	1.25
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Alba, white with rose center	.15	.50
Alba Pura, pure white	.15	.50
Rosea, pink	.15	.50
Mixed	.10	.40

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COLD STORAGE GIGANTEUM, 7-9, for summer forcing. Few cases of **MULTIFLORUM,** October shipments.

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4-inch ..... per 100, $35.00
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Pandanus Veitchii, large plants, $1.50 to $3.00 each.

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2½-inch, Feb. delivery. Plants thrifty and well branched, $4.50 per 100; $40.00 per 1000. **Standard Varieties,** all early bloomers, $3 00 per 100.

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Boston Ferns, bench-grown, $10.00, $15.00 and $20.00 per 100.

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Fiancee	4.00	30.00
White Lawson	3.00	25.00
Lady Bountiful	3.00	25.00
Lieut. Peary	4.00	30.00
Cardinal, scarlet	4.00	30.00
Red Lawson	4.00	30.00

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	Per 100	Per 1000
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Variegated Lawson	3.00	25.00
Harlowarden	2.00	15.00

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Flower Seeds for Early Sowing

Complete list for the asking. 10 per cent discount for cash.

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Dracaena Indivisa	.10	.25	**Stocks Cut and Come Again**	.25	...
Forget-Me-Not, Victoria	.10	.75	**Stocks** Ten Weeks', mxd.	.25	...
Mignonette Machet	.10	.50	**Stokesia** Cyanea	.10	...
Petunia, Calif. Giants	.25	...	**Thunbergia**	.10	.60
Salvia Splendens	.15	1.00	**Verbena,** Mammoth	.25	1.00

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Importers and Manufacturers of

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76-78 Wabash Ave., CHICAGO

Write for supplement to catalogue F, it will interest you.

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FLORISTS' SUPPLY HOUSE

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BEGONIA, tuberous-rooted, in separate colors. $2.50 per 100; $22.50 per 1000.
" " " double, in separate colors, $4.50 per 100; $40.00 per 1000.

CALADIUMS, fancy-leaved, in best var., mixed, $10.00 per 100; $80.00 per 1000.
" **Esculentum** (Elephant's Ears), with fine center growth. No. 3 tubers, $1.50 per 100; $12.00 per 1000. No. 2, $3.00 per 100; $25.00 per 1000. No. 1 tubers, $5.00 per 100; $45.00 per 1000. Mammoth tubers, $10.00 per 100.

CINNAMON VINES, extra, $2.50 per 100; $20.00 per 1000.

GLOXINIAS, in the finest colors, $4.00 per 100; $35.00 per 1000.

GLADIOLI, the finest in the country. All bulbs sent out are guaranteed to flower. Extra selected **mammoth** bulbs, $12.00 per 1000. No. 1 size, $9.00 per 1000. No. 2 size, 1½ in. diameter, $5.00 per 1000. Smaller size, $4.00 per 1000.

JAPANESE FERNBALLS, 5-inch, $15.00 per 100.

JAPANESE FLOWER BULBS—Lilium Auratum, 8-9, $5.25 per 100; 9-11, $7.50 per 100; mammoth, 11-13, $15.00 per 100. Lilium Speciosum Album, 8-9, $7.00 per 100; 9-11, $10.00 per 100. Lilium Speciosum Rubrum, 8-9, $5.75 per 100; 9-11, $8.00 per 100. Lilium Melpomene, 8-9, $7.50 per 100. **Lilium Tigrinum,** extra, $6.50 per 100.

MADEIRA VINES, extra strong, $1.50 per 100; $10.00 per 1000.

TUBEROSES, Excelsior Pearl, mammoth bulbs, $9.00 per 1000.

CANNAS—All roots sent out by me are true to name and of good vitality. 250 are at 1000 rate; less lot add 10 per cent. All Canna prices are quoted per 1000. Alemannia, salmon, yellow border, $12.50; Austria, yellow, spotted crimson, $12.50; America, purple, red bronze foliage, $15.00; Burbank, large yellow, $15.00; **President Carnot,** vermilion bronze, large, $15.00; Robusta, red, dark foliage, $15.00; Grand Rouge, red, $15.00; Chas. Henderson, crimson, $15.00; Chicago, vermilion scarlet, $20.00; Sec. Chabanne, salmon, red shaded, $15.00; Coronet, golden yellow, $15.00; Eastern Beauty, light salmon pink, $20.00; Egandale, rose, bronze foliage, $17.50; Explorateur Crampbel, orange, $15.00; Florence Vaughan, yellow with crimson, $17.50; Mlle. Berat, pink, $15.00; Martha Washington, pure bright rose, $20.00; Morning Star, yellow spotted red, $18.00; Paul Marquant, salmon, $17.50; Queen Charlotte, scarlet, gold border, $17.50; Shenandoah, rose, $15.00. Any other variety not on this list, can be forwarded on short notice.

DAHLIAS, large div. field clumps in the best varieties, separate colors, $7.50 per 100.

DIELYTRA SPECTABILIS, bleeding hearts, fine clumps, $8.00 per 100.

FUNKIA UNDULATA, foliage variety, the best variegated border plant in existence $8.00 per 100.

IRIS HISPANICA, extra fine selection in colors, $5.00 per 100; $35.00 per 1000.

PEONY SINENSIS, extra selected stock in separate colors, $10.00 per 100; $75.00 per 1000.

ROSES—My stock of Roses are low budded, **sand-grown** plants and the best for this climate. The following are the most handled varieties and can be supplied in any quantity: Anne de Diesbach, Baroness de Rothschild, Captain Christy, General Jacqueminot, Gruss an Teplitz, John Hopper, John Laing, Madame Victor Verdier, Magna Charta Paul Neyron, Perle Blanche, Ulrich Brunner, Hermosa, $10.00 per 100; Frau Karl Druschki, Gloire de Dijon, La France, Kaiserin Augusta Victoria, $12.00 per 100; **Baby Rambler,** two-year-old plants, $15.00 per 100; Crimson Ramblers, extra strong, $15.00 per 100.

CONIFERS in large specimens are always on hand and shall be pleased to quote lowest prices on them.

SUMMER AND FALL STOCK—Please send me your list of wants. If you want best selected goods I will supply them at reasonable prices. Terms to suit buyers—if of good standing.

Quote quantity and lowest prices on any surplus of A-1 stock on hand.

F. W. O. Schmitz, Prince Bay, N. Y.

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SEEDS, BULBS, ETC.

H. H. BERGER & CO.

47 Barclay Street, NEW YORK

THE RETAIL FLORIST.....

A STORY AND A MORAL.

Chapter I.

Once upon a time there lived in the city of York a well-to-do family named Smythe. Their eldest son, Reginald, was one of those happy-go-lucky chaps, very popular and an all-round good fellow. He had a good income as assistant manager of the Eastern Realty Co., and, as many young men do, lived right up to his income.

Strolling down street one day he met Jack Weathered.

"Hello, Reggie!" says Jack, "going to the ball Wednesday evening?"

"What ball is that?"

"Why, the shipmasters', at the Masonic Temple."

"O, you bet I am!" exclaimed Reggie. "By jinks! That just reminds me of some flowers I must order."

That afternoon he placed an order with Manager Fales, of the Corner Flower Shop, for a bouquet of 300 violets, at $2 per hundred. "Send them to Miss Mae Russell, at the Arlington apartments, Wednesday afternoon, April 21, and charge to me, providing my name is still good," added Reggie, thinking of his already large bill.

"Certainly, Mr. Smythe, do not worry about that little bill. Your name is good as gold," returned Fales, instead of hinting that he pay something on his account, which amounted to about $65, for violets, roses, valley and two dozen Beauties sent Miss Fay Lightfoot, who had appeared at the Gaiety.

During the summer no flowers were needed. In August our friend left on an extended vacation trip, returning in October with a fine coat of tan and an empty purse.

Now Mr. Smythe did not mean to cheat the Flower Shop out of that $65, but other bills had to be paid, while those people seemed in no hurry. But when he wanted some flowers for Thanksgiving he felt ashamed to face Mr. Fales.

About that time the latter thought it time for Mr. Smythe to pay up, but, instead of seeing him personally, he sent a young, snippy clerk who made several fruitless attempts to collect. Then R. Smythe was put down as a deadbeat and his name scratched off the books.

Chapter II.

"I would like several dozen of your best rose-pink carnations sent Thanksgiving, and also a large bunch of violets, but first of all, may I open an account with you? My name is Reginald Smythe, of 741 Merone avenue," said our friend to Mr. Maxwell, of Maxwell's store, in York.

"Why, of course," said Mr. Maxwell, at the same time giving Reggie to understand that all accounts are opened with the understanding that they be settled by the tenth of the following month.

Reggie became a regular customer, and soon acquired the habit of paying promptly. After a time he took unto himself a wife, and settled down, becoming a sound business man, and was classed among Maxwell's best people. He never entered the Corner Flower Shop again, not because he had not the money to pay up, but because he felt ashamed, after remaining away for years.

Moral.

Collect your outstanding accounts, even if through suit; you may not only lose $65, but a good customer.

H. S.

A SUBTROPICAL BED.

We wish to plant a circular bed fifteen feet in diameter, producing a conical form with an abundance of showy foliage, suggesting tropical growth and with enough bright colors to be attractive. We thought of ricinus for the center, next a row of caladiums surrounded by tall cannas with bronze leaves, then a row or two of dwarf cannas and last, a border of low growing, free flowering plants. Any criticisms or suggestion will be appreciated. F. A. F.

Ricinis Zanzibarensis, with its gigantic leaves, will make an excellent centerpiece for such a size of bed. Caladium esculentum is not sufficiently tall growing to come next to the ricinis. We would prefer Canna King Humbert, with very large flowers of an orange scarlet color and handsome, rich, coppery-bronze foliage. Next a row of yellow Canna Florence Vaughan, or, if crimson is preferred, Alphonse Bouvier, followed by the Caladium esculentum and an outer band of Salvia splendens compacta. These would fill the bed sufficiently without a ring of dwarf cannas next to the edging.

If a solid scarlet or crimson-scarlet effect is desired, the yellow cannas can be omitted, or, if more yellow would be preferred, a double ring of the Florence Vaughan might be planted. In order to cover the space more quickly a zigzagged double row of cannas and salvia could be set out. W. N. C.

DOUBLE PETUNIAS.

I would like to know what kind of soil, what temperature and the amount of water to use in growing double petunias after they have been rooted. I can't make them grow after potting them. J. P. R.

It is possible that the cause of the



A Spray of Carnation Winsor.

double petunias making no growth is that the cuttings rooted were from flowerless, or what is commonly termed blind wood, in which case they are of no value. Cuttings when from cut back plants, which have been kept in a fairly warm greenhouse and rubbed off with a heel, root freely and should grow right away from now onward. A compost of two-thirds loam and one-third old cow manure, with a little dash of sand, is suitable. At the first shift from the cutting bench, however, a lighter mixture of loam, leaf-mold and sand would be better. A temperature of 50 to 55 degrees at night and a light, sunny position is desirable. W. N. C.

BEAUTE CELESTE.

It is always interesting to hear from those in the trade on the continent of Europe. Nearly always there is a point to what the European has to say, and not infrequently his choice of English words adds to the interest. The contributor who forwards the photograph of Odontoglossum Beaute Celeste says that "According to me, it is the finest shape we ever saw." This is perhaps not just the way an Englishman would have said it, but there was no mistaking that the writer is of the opinion that in form this flower is the finest of the odontoglossums.

Odontoglossum Beaute Celeste is one of the seedlings raised by Ch. Vuylsteke, of Loochristi, near Ghent, in Belgium, whence have come a number of excellent things in the orchid line. The flower is large, very wide, round and strong. The ground is pure white with few dark markings, as shown in the accompanying illustration. The variety is the result of a cross of Odontoglossum ardentissimum and Odontoglossum crispum. Orchid fanciers consider it something extraordinary.

SEASONABLE SUGGESTIONS

Foliage Plants.

Aspidistras are never in oversupply. No other foliage plant will stand the same amount of neglect without resenting it. Any potting needed may now be done. This plant does not need a warm house, but grows well in it, and after repotting prefers it. Ficus elastica and F. pandurata will be the better for a sponging. Cuttings of the former will root freely now if a good, steady, bottom heat is at command. A mixture of sphagnum and sand, a close atmosphere and plenty of moisture at the root and they will root quickly. Crotons, dracænas, dieffenbachias and other fine foliage plants will also root readily in the same way. Be sure they are kept well shaded and watered and few will fail to root.

Bouvardias.

If you wish to increase your stock of bouvardias shake all the soil away from one or two old plants, cut the thicker roots in pieces a quarter-inch to a half-inch long, cover with sand in a warm, propagating bed and you will soon have a fine crop of little plants ready to pot off. While bouvardias can also be increased by cuttings of soft wood, we find that the root cuttings make the best plants. Pot off into small pots as soon as they are making new roots. Usually top growth will start first. Keep in a warm house after potting until they are well established. Bouvardias are in less demand than fifteen to twenty years ago, but a batch is useful in midwinter and, if well grown, pays for itself handsomely.

Palms.

Probably some of your palms are now needing a sponging over. The present is a good time to do it, before the spring rush is on. If only a couple of hours a day can be spared, much can be accomplished in a week. Use some fir tree oil or seal oil soap in the water if plants are badly infested with scale, being always careful to avoid sponging young and tender leaves with it and to hose over all plants after sponging. If the pots are dirty, clean them, too. It is surprising how much more valuable a plant with clean leaves and a clean pot looks, as compared with a dirty one.

If any of the palms are getting much potbound they may be potted now. Avoid big shifts. Merely allow space for a little loam around the old balls. Press the soil in firmly and leave a liberal space for water. Too often palms are seen with the soil almost level with the top of the pot. It is impossible to soak such plants without watering them several times.

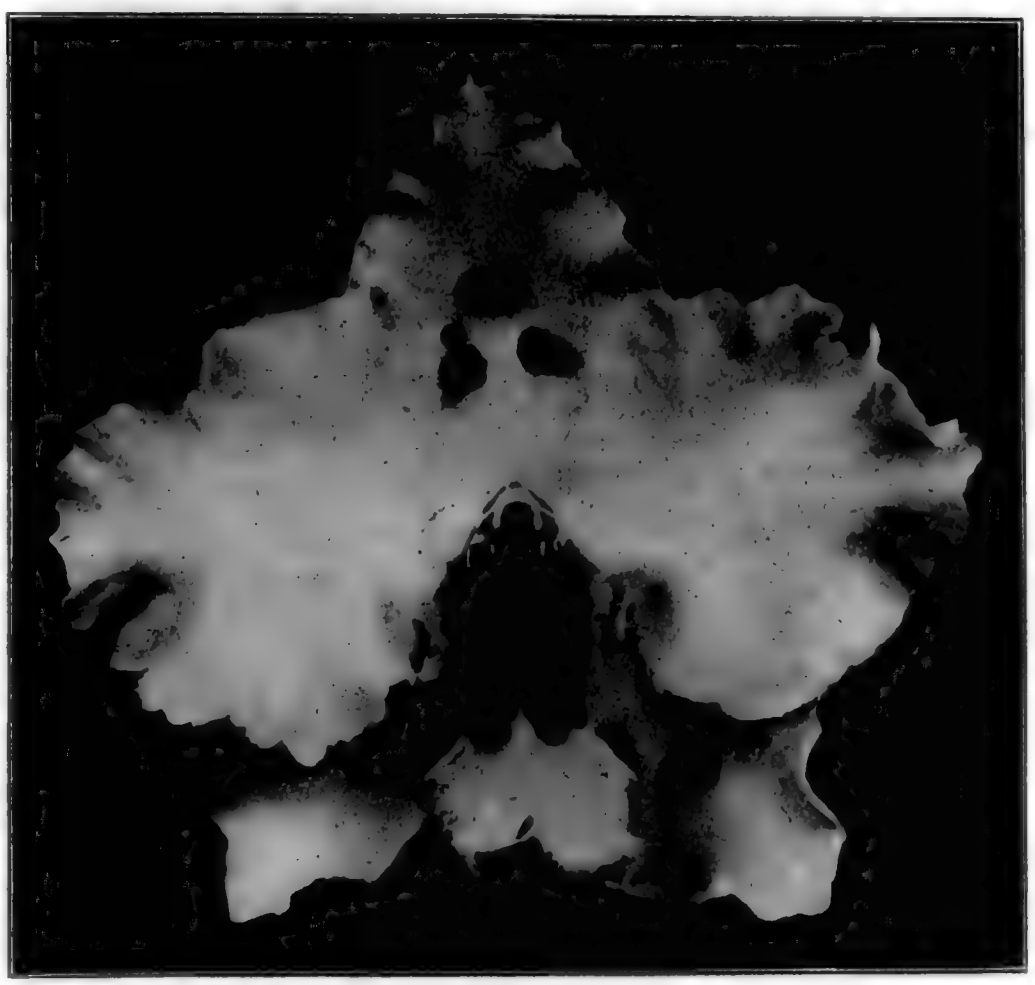
A good compost for palms is one of two-thirds fibrous loam, one-third leaf-mold, with a liberal addition of sand. Large plants can have some coarse bone added and a little well-dried cow manure.

Some of the more graceful and least vigorous-rooting palms, such as Geonoma gracilis and Cocos Weddelliana, need quite small pots and will only stand small shifts. The pretty and graceful Phœnix Roebelenii is now fairly cheap and plentiful. It is an excellent house plant and should become popular when more widely known. Probably Kentia Belmoreana is the best palm for all purposes. For decorative uses it is easily the best. Areca lutescens, while graceful, is more delicate. Latania Borbonica is a vigorous and easily grown variety which, however, on account of its spreading habit, is of less commercial value. The same applies to the stronger growing of the genus phœnix.

Cyclamens.

Cyclamens are now giving a beautiful display of flowers. They are undoubtedly one of the finest of flowering plants for the retail florist. They ship well and bloom for a long time. They are not "shaky," as some primulas and begonias are in the average furnace-heated house, and are one of the most satisfactory flowering plants grown. Plants flowering, or which soon will be, should have a light, airy house, kept at 45 to 48 degrees at night. They should be shaded from bright sunshine and watered carefully. The mysterious disease generally classed as the "cyclamen mite" is the worst enemy to contend with. The best growers, after trying all imaginable remedies, are baffled by it, and when it has appeared in virulent form the only thing to do is to throw away all old stock and start anew.

Last fall's seedlings should not be neglected. They ought now to be ready for



Odontoglossum Beaute Celeste.

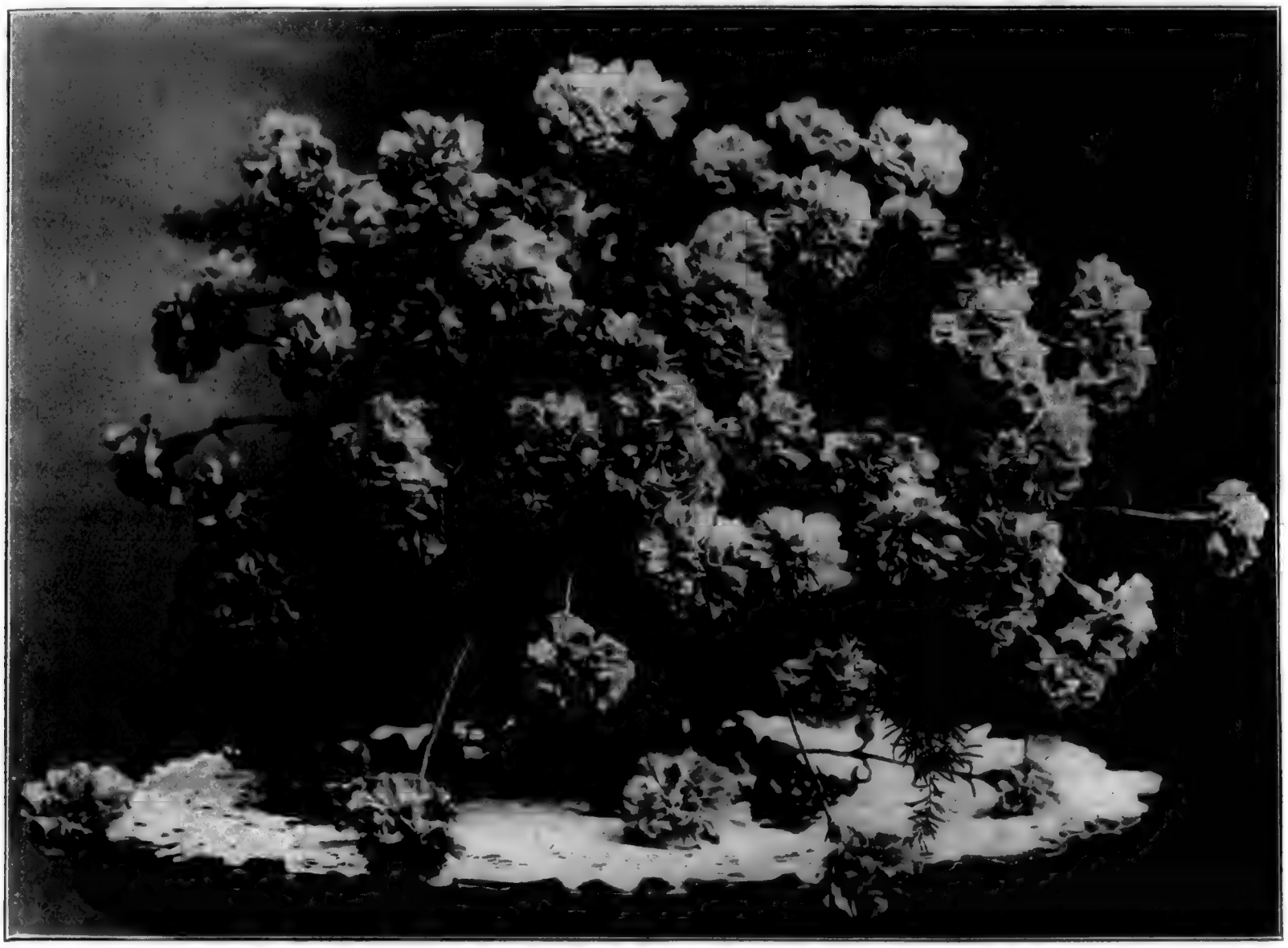


Table Piece Arranged With Carnation Winsor and Sprengeri.

2½-inch pots, if they are not already potted. A light, sandy loam, with a little fine charcoal is an excellent compost. Keep them on a bench well up to the light, spray on light days, water carefully, give them a temperature of 50 to 55 degrees at night and they will grow along nicely. While it is possible to have small plants in 4-inch or 5-inch pots for flowering next winter, from seed sown now, the proper time to sow is on or about October 1. Then excellent 6-inch or 7-inch stock can be had.

Shrubs for Easter.

Azalea mollis sold well last Easter. Well-budded dormant plants, if started now, kept well syringed and given 55 degrees at night, will be in flower by the end of March. Usually 8-inch pots are needed for forcing stock. If there are thirty or forty buds per plant they will make handsome specimens. Rhododendrons given similar treatment will require about the same time to flower. Deutzia gracilis and D. Lemoinei make extremely pretty Easter plants. If they have been pot-grown they will be much more satisfactory than nursery-grown stock potted up. Sixty degrees at night now, with cooler treatment as the flowers open, should bring them in within six weeks. Lilacs will come in a week earlier, and may, therefore, be allowed a slightly cooler house. Prunus triloba and Cydonia Japonica need about five weeks. It is best to force all these in the early rather than the late stages of growth.

Bulbous Stock.

We are now getting a little more sunshine and bulbous stock comes along more quickly. All stock grown for cutting should be kept in a darkened case until the shoots are of good length. From now on there will be no trouble about lack of stem. Tulips, hyacinths and narcissi grown in pans for store or retail trade will need less drawing up, as they should be as stocky as possible. Bulbs in flower should have a little shade on the glass. We place newspapers over tulips during the sunniest part of the day. A batch of the various bulbs will need placing in heat at least once a week, to keep up a steady supply of flowers. In addition to La Reine tulip, Keizerskroon, Yellow Prince, Proserpine and other sorts are now very good. Von Sion narcissus is excellent, and that splendid trumpet variety, Golden Spur, is at its best. Victoria forces well and when cheaper will be in great request. If bench room is at a premium the daffodils will flower well below the benches next the path, only they lack a little stiffness in the stem.

Acacia Armata.

Of the several acacias grown this is of the easiest culture and most in evidence at Easter. It should never be forced into flower, but allowed to come along in an ordinary greenhouse temperature. If your plants have been kept cold, bring them now into a house where the temperature does not exceed 50 degrees at night. This plant is beautiful when its flowers are all fresh. When, they assume a brownish hue, however, much of the beauty is gone. Be sure not to syringe after the flower opens, and do not force it hard or it will be ruined. Like all hard-wooded plants, it must be carefully watered. Be certain it does not suffer from dryness at the root. The graceful A. pubescens is scarce and high-priced. Too bad it is not procurable in quantity. What a fine Easter seller plants in 6-inch and 8-inch pots would prove. This variety, also A. Drummondi, A. Riceana, A. cultriformis and other less-known varieties flower about the end of March naturally in a cool greenhouse.

Tersely Told.

Poinsettias should be laid under a bench or in some dry, out-of-the-way-of-frost place until needed.

Do not allow bedding geraniums to remain crowded on the benches. Ease them out, if only a little at a time; it will pay.

If you want strong Primula obconica for next Christmas, sow now. Buy the best grandiflora strain, rather than cheaper seed.

Fumigate freely. Aphis and other pests increase with alarming rapidity these days. If stems are used be careful not to burn the foliage on delicate plants.

When freesias are all cut, if you keep your old bulbs see to it that they are not allowed to become too dry until the new bulbs are matured. It is a mistake to withhold all water after flowers are cut. Give them as light a place as possible until the bulbs are ripe.

Watch your lilies carefully. Take the more backward ones into your warmest and sunniest house. You should see the buds before Lent comes in. Then you are reasonably sure of having them in bloom for Easter. C. W.

MADISON, N. J.—A new firm, O. de Nave & Co., will start in orchids this spring.

PUEBLO, COLO.—G. Fleischer has purchased ten lots adjoining his present property, on which will be built ten greenhouses, making a total of twenty greenhouses to his plant.



RECORD KEEPING.

In every well-regulated establishment there ought to be a rigid system of record keeping. It is not only necessary to know exactly just how many blooms each variety will produce, but also the number of the grades of blooms. The superficial space occupied by each plant should also be taken notice of, so that we may have some data for propagation and future planting plans.

To know exactly just where we stand at the end of each week, month or season must necessarily be of great benefit to every grower, and the benefit derived can only be appreciated by those who have taken the trouble to gather and compile such statistics.

To keep a faithful record of the product of each variety, a card with spaces for each day of the week should be placed in each house and each and every bloom cut from the house should be marked on it under the heading of each variety; totaled at the end of each week and entered in the journal, so that comparisons can be made with future crops.

Cards similar to this should also be in the sorting room, and should show the exact number of blooms of each grade and how they were disposed of. Note should also be made of those varieties which are most in demand, and, as near as possible, the proportion of colors called for.

With such records we can at the end of the season, by a little figuring, arrive at a definite conclusion as to which of the varieties it is most profitable to plant. By rigidly following this method the waste will be reduced to a minimum.

These remarks apply with even more force to carnation crops, chiefly because of the number of varieties in cultivation and the ever increasing number of new varieties which every ambitious grower is anxious to test for himself.

Apart from the successful culture of these new introductions, it is absolutely necessary to have a record, so that we may find out the adaptability of each variety to our soil and climate and their pecuniary value in our home market. This is one of the best ways to make the place pay.

In order to have our record-keeping system complete, it ought to embrace the keeping of temperatures at which each variety does best; the amount and quality of food required by each variety, with remarks concerning the amount of sunshine, moisture, etc., all of which must be of great utility for future reference.

From the time the cutting is put into the cutting bench until it has completed its season's work there should be nothing in its cultivation, behavior under different conditions of temperature, feeding, etc., that should go unrecorded.

This requires a deal of time, but it is time well spent and will amply repay us by leaving no doubt in our minds as to the merits or demerits of the different varieties, methods of culture and paying qualities of the varieties under our care.

RIBES.

FUMES OF ACID.

We would like to know why our roses have stopped blooming. They are two-year-old plants and were cut back in July; but as they grow in summer, we naturally had difficulty in resting them. In September they were benefited by an application of nitrate of soda. They were growing nicely until the third week in November, when some muriatic acid was carelessly distributed throughout the houses. After three or four days the foliage had been burnt entirely off of two-thirds of the plants. Until then we were cutting some fine roses in quantity. Just before the acid was spilt an application of blood and soot was given the roses and the soil became infested with small worms. Owing to the cloudy weather we have had, we were compelled to keep the temperature in daytime down to 60 to 62 degrees and at night from 56 to 58 degrees. We syringe on all bright days. Do you think it was the acid, blood, or dark weather that has caused the check of bloom? S. & R.

There can be little doubt that the exposure to the fumes of the muriatic acid, which caused the plants to shed their foliage, is at the root of the trouble. It also looks to me as if those plants could not be requiring the amount of chemical feeding they were subjected to previous to the exposure to the acid. In their present debilitated condition the best treatment would be to keep the soil rather dry, temperature low, even as low as 54 or 55 degrees, and do no more feeding until the plants regain their health.

The small worms in the soil are of no moment and have nothing to do with the weakness of the stock. It is simply suffering from a dose of poison.

RIBES.

THE WENONAH GARDENS.

The accompanying illustration is from a photograph of the Wenonah Carnation Gardens, Wenonah, N. J. The houses are iron-frame with cement walls, of Lord & Burnham construction, and were built in 1905 and 1906. The two large houses are 32x250 and the small house is 20x100. Each house has four 5-foot benches, all planted to carnations, of which the following varieties are grown: Enchantress, Fair Maid, The Queen, Queen Louise, Mrs. Joost, Wm. Scott, Genevieve Lord, Lady Bountiful, May Naylor, John E. Haines, Red Sport, Maceo and Melba.

There are seedlings in the second and third year, some of which are promising. Seedling No. 6, of which there are over 1,000 rooted cuttings, is very free, about the color of Fiancee, but does not split. Seedling No. 1 is a strong grower, has stems twenty-four inches long and is the color of Nelson Fisher. Mr. Leisy says, "I have yet to see the first split calyx." Seedling No. 3 is on the style of Peter Fisher's Evangeline. This is also a free bloomer, with a strong calyx. There are other seedlings of interest, but the one Mr. Leisy thinks the most of is an improved Enchantress. He claims it has a better color, is as free a bloomer, is more double and has good keeping qualities; best of all, it is fragrant and does not split. Some of these will be seen next season.



Wenonah Carnation Gardens, Wenonah, N. J.

The establishment is in charge of Charles Leisy, superintendent and grower, and Joseph E. Truncer as business manager. Stephen Greene, of Philadelphia, is the proprietor.



The Model Establishment of the South Bend Floral Co., South Bend, Ind.

PECKY CYPRESS.

Would pecky cypress be as good as, or better than, soft pine for greenhouse benches where they are to be used for plants with only an inch of sand in the bottom? If soft pine is worth $30 per thousand feet, what would pecky cypress be worth for the same purpose? W. T.

Pecky cypress, while not a handsome lumber, will outlast any other wood in greenhouse benches. This inquiry comes from a city not far distant from Chicago, and in Chicago pecky cypress is used exclusively for bench material by nearly all growers. In the Chicago market pecky cypress is now worth $22 to $23 per thousand feet, so that it would to this grower be cheaper than the first cost of pine, and the bench bottoms of pecky cypress would last much longer.

FERNS.

How long should young ferns be topped back? Mine are in 3-inch pots now. I want to plant them on a bench for the summer months, put them in 6-inch and 7-inch pots early in autumn and have them ready for October sale. The varieties are Scottii and Piersoni. M. S.

It is customary to cut back the old fronds of nephrolepis to about six inches above the ground at the time they are planted out on the bench, and at the same time they should be examined carefully for scale insects. The marks of the scale show plainly on the surface of the fronds in the form of light colored spots, and any leaves that look suspicious should be cut off entirely, as these insects will soon ruin the crop. Give the ferns plenty of light, and do not water the bench too heavily before the plants get a start, and if your 3-inch plants are in fair condition they should turn out some strong plants by October. W. H. T.

WISTARIA FOR EASTER.

I have some wistaria plants I would like to have ready for Easter sales. Will you kindly give me some information about them? How many weeks will it take to force them in, and what temperature? W. W.

Plants of Wistaria Sinensis should be brought into heat right away to have them in flower for Easter, as that holiday comes unusually early this year. Give them a sunny house with a temperature of 55 degrees at night. Syringe freely. It is unwise to subject them to hard forcing or the buds may drop. Move to a cooler house as the flower racemes start to open. C. W.

PLANTS FOR SUMMER.

Will you tell me if delphinium, platycodon, sweet william, campanula and poppy, if sowed in March in a coldframe, will bloom during the summer? F. W. M.

None of the plants named, which are either perennials or biennials, will flower the first year from seed, except it may be a few of the delphiniums. The grandiflorum, or Chinensis type of the last named will bloom. This is a very desirable variety, growing eighteen to twenty-four inches high and is perfectly hardy. All the varieties specified, if sown in March, will make splendid flowering plants for the following year, however.

We presume Campanula Medium, or Canterbury bells, are the particular kind desired. These and sweet williams are biennials and may be sown as late as June to secure good plants for the succeeding year. Probably the scarlet oriental poppy, Papaver orientale, is also the one needed. Sown in March, transplanted and kept well cultivated all summer, it will make nice plants by fall. All the varieties mentioned should be planted out where they are to flower not later than October 1 to secure good results. Canterbury bells are the least hardy and if the location is a bleak one they would be better placed in a coldframe in November and planted out where they are to bloom early in April. W. N. CRAIG.

AN INTERESTING PLANT.

Through the middle west there are springing up, and flourishing, many up-to-date greenhouse establishments, among the most modern of which may be mentioned the establishment illustrated in this issue, that of the South Bend Floral Co., South Bend, Ind., of which Irving Gingrich is manager. The plant now contains 35,000 square feet of glass, devoted largely to the growing of cut flowers and plants for the retail trade, but a wholesale business is done in carnation and chrysanthemum cuttings and cannas.

There are a number of interesting features about the place. The exterior view shows the Wittbold sprinkling system in the field in the foreground. The three houses to the right comprise a new addition just completed, using the King truss system. The potting shed is shown running north and south. The heat is furnished by an eighty horse-power Bonsen boiler, furnished by the Lyons Bros. Boiler Co., Chicago.

Another view shows the construction of the new concrete benches in several stages of erection. The starting point is the frame, consisting of two 1-inch pipe legs

and ½-inch cross supports. In describing the construction Mr. Gingrich said: "The corners, or uprights, were bent with forge and anvil. The legs are imbedded in cement, a hole being made with a post-hole augur for insertion of the concrete and the frame pounded into it with a maul. The heating pipes are placed on hangers clamped to the 1-inch legs. After the frames are erected two 2-inch planks are run lengthwise under the ½-inch cross supports. The framework for the concrete consists of 1x6 boards five feet long. Into these boards are driven sixpenny finishing nails six inches apart. These boards are merely tacked to the plank to keep them in position. The boards being in position, a 2½-inch strip is nailed lengthwise so as to project above the bottom one and one-half inches. This done, newspapers are covered over the board bottom to prevent the concrete from adhering to the boards. Then 18-inch chicken netting with a 2-inch mesh is rolled into position and two runs of ⅜-inch round iron strung along the full length of the bench. Spools 1x1½ inches, drilled through the center, are placed over the sixpenny nails. The benches are then ready for the concrete, which is mixed in the proportion of three to one, using the best grade of Portland cement. We have found that wet cement makes a tougher bottom than when used rather dry, as in the manufacture of cement walks or walls where heavy tamping is the practice. After the cement has been see-sawed properly a trowel is used to make a perfectly smooth surface and to prevent the water from soaking into the cement and injuring the re-inforcement. In from two to three days the cement is sufficiently set to permit the staging being removed.



Carnation House of South Bend Floral Co., South Bend, Ind.

The spools, however, are left in a day or two longer and then punched out with a stick and mallet. A bench constructed in this fashion gives perfect drainage. For sides we use 2x6 planks bored to receive the upright ½-inch pipe. The ends of the planks are screwed together with 2x5 ½-inch galvanized plates, which are punched in the local factory.

"Such benches as we will make in the future will contain three ½-inch rods running lengthwise of the bench, as the ⅜-inch rods are just a trifle weak when the legs are spaced four feet apart. Should the legs be spaced three feet apart we believe that the rods could be eliminated. This, however, would not be economical, as the rods are cheaper than the frames. The total cost of benches constructed in this manner is approximately 12 cents per square foot ready for the soil."

The smaller picture shows a carnation house, 37x206. The roof bars are approximately twenty feet long to the south and twenty-four feet on the north, these lengths making sixteen feet to the ridge. Mr. Gingrich says: "We are rather prejudiced against too wide a house, as repairs to the glass cannot readily be made. Our new houses are twenty-nine and one-half feet wide, even-span, using up without waste 16-foot bars. The ridge is fourteen feet from the walk, the gutters seven feet. This pitch allows the sun to enter all the houses without casting any shade on the shortest day in the year. This roof has supported a snow fall of six inches, breaking through only in two places where the trussing plates were too loose. The glass used in the new houses is 16x24, the bars being spaced twenty-four and five-eighths inches on centers.

"As an experiment we are using the Wittbold sprinkler in our carnation house, using the ½-inch nozzles. We use this only from spring until dark weather in the autumn, as this is the period when watering is most likely to be neglected. We are satisfied that with judicious use, the automatic watering device will supersede the hose. The use of this sprinkling system not only waters the plants, but throws the water with sufficient force to keep down red spider, which is the worst enemy a carnation grower has to contend with. By the use of this device the watering can be done early in the morning, as soon as the flowers have been taken off the plants, and fifteen to twenty minutes is sufficient to water the entire house, so that ample time is given every plant to dry off before night, thus avoiding rust. During the winter months we still use the hose, although next season we shall equip one bench with smaller nozzles and attempt to use the mechanical watering throughout the season. What the results will be is at present mere conjecture."

GROWING ASTERS FOR SEED.

The trade has for some years watched with interest the efforts of James Vick's Sons to make a commercial success of the growing of aster seed at Rochester, N. Y., and it is a pleasure to everyone that they have had the courage to persevere in the face of many difficulties. Of these obstacles to the success finally achieved the firm speaks as follows in its new illustrated aster list, just issued:

"When Admiral Farragut issued his famous command: 'Damn the torpedoes; go ahead!' he expressed a determination to be checked by no obstacle which by any possibility could be overcome. That was a critical moment for Admiral Farragut; but, like similar crises in the lives of every person, the determination to go ahead made all the difference between success and failure.

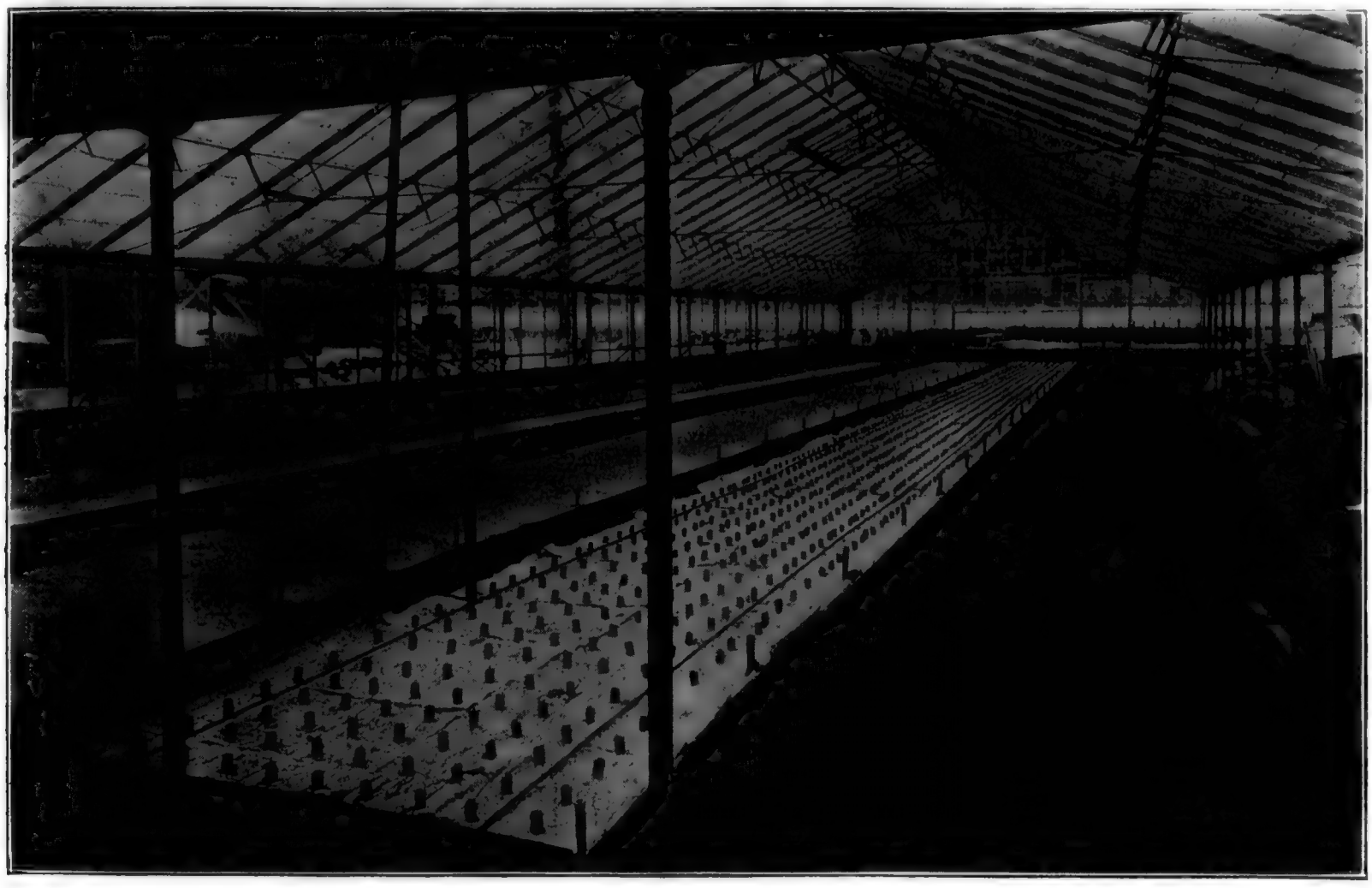
"Such crises have occurred time and again in our work of specializing in asters. Obstacles almost impassable have appeared again and again. It has required infinite patience to work year after year for results which might in the end, after all our pains, prove worthless. More than once we have almost lost, by flood or drought, a strain upon which we had spent years of anxious effort. Then the cost, with every ounce of our aster seed actually costing us twice as much as others were asking for seed grown in Europe and California, it has required no small amount of courage to risk thousands of dollars in aster crops, when in the end the public might possibly turn aside to buy cheap seed. Other difficulties, which only experienced seed growers could appreciate, have presented themselves at every point. We have seen other growers give up the struggle, and the question has often forced itself upon us: 'Shall we, too, choose a less perilous course?' But each time we have considered the wonderful possibilities for development in the flower itself, and, besides, we have felt confident that some day flower-loving Americans would bestow upon this glorious queen of flowers the admiration which she so richly deserves.

"Success, they say, comes to those who wait. How rich a measure of success has crowned our effort as a result of our perseverance may be seen from the fact that, with ever-growing acreage and steadily increasing crops of aster seed, the demand for some varieties has continually been in excess of the amounts we could spare. But, after all, the best tribute to our success is the fact that Vick's asters at present have a reputation for superior quality which is world wide."

NOTES FROM ENGLAND.

Over 100 years ago the large flowered chrysanthemum was introduced into Europe by M. P. Blancard, whose granddaughters are now said to be in poor health and straitened circumstances. A fund is being raised for their relief, subscriptions to which are to be sent to the foreign secretary of the N. C. S., C. Harman Payne, 141 Wallmeadow road, Catford S. E.

It is said the favorite flower of Queen Alexandra is the American type of win-



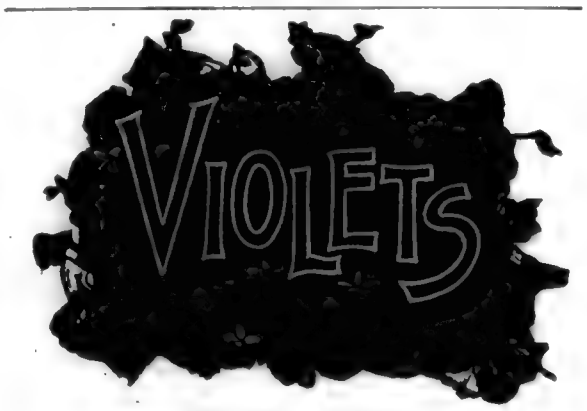
Cement Benches in Various Stages of Construction at South Bend Floral Co.'s, South Bend, Ind.

ter flowering carnation and the cultivation and profit therefrom has received a substantial stimulus in consequence. Certainly the demand is rapidly increasing and prices are at a profitable level. The fact of carnations loving a dry and rarified atmosphere, such as prevails in America, is amply demonstrated in England by the finest blooms coming from those plants cultivated at a high altitude, where the air is much drier and clearer than in low districts. The reason of American carnations being so much superior to the best English sorts is undoubtedly the dryer and more congenial atmospheric conditions in America.

The building of glass houses continues apace, and probably never in the history of British market gardening has there been such an increase of market fruit grown in glass structures. Tomatoes are the principal increase. Although some few growers are going more and more into vegetable culture, the bulk of the houses being built are single-span thirty feet wide tomato houses. Taking all through the season tomatoes were a profitable crop. If the same level is maintained during the next four or five years the growers, who have lately invested so heavily in glass, will have no cause to regret their venture.

Greenhouse timber has considerably advanced in price during the last year. This coupled with the advance in price of glass, will have the effect of somewhat checking the further erection of extensive glass ranges. Although it appears our horticultural building firms have on hand heavy stocks of greenhouse timber and glass, the advance in price generally is in the cheaper woods for commercial houses; but it is reported some heavy contracts are on hand for the erection of private glass ranges in the way of conservatories, winter gardens, orchard houses, etc. No advance has occurred, although it is anticipated a rise in price will take place at no distant date.

A disastrous frost has occurred in the south of France, destroying much of the early crops of flowers which are usually sent in immense quantities to the London market. The French growers' loss is heralded with joy by the English bulb forcer, such loss usually making for high or low prices in forced bulb stock on the English markets. On an average the cut bulb blooms are making fair prices, sufficient to prevent loss in the cultivation of Dutch bulbs. J. B.



VENTILATION.

As the days begin to lengthen and grow sunnier, both of which we like, more care should be taken about ventilating and lowering the fires during the day, lest the temperature should run too high, which would soon lower the quality of your blooms, as well as shorten the season. Every grower, or very nearly every one, wishes to have good blooms still on at Easter, if possible, and to do so your previous painstaking care must not be abated at all, or the quality will not be what you wish at that time, or they will be gone entirely if the weather gets warm too early.

The person who is growing violets for the first time may naturally be led to think that he is giving them better care than he is; for of course they will feel the approaching spring and grow more freely than they did previous to the holiday season, especially if the temperature is allowed to get too high. It is much safer to run your house too low than too high. Every one has to use his good judgment, and one can lay down no hard and fast rule to go by; still about 10 degrees above freezing is about the safest point to keep them. If the day is bright you will unavoidably run up some, but shut off part or all of the coils, ventilate and so hold down the temperature, thereby keeping your plants firm, dark colored and stocky, and prevent their making a quick, soft growth and running out of bloom early in the season.

Another thing, if you do not watch them closely, it is easy for the aphis, both green and black, to get a start before you notice it at this time, as the plants do not always show it immediately.

Ventilating is one of the things that I have frequently referred to and a subject that is ever before us, and yet I have seen houses that have suffered from an improper application of it. If there is anything that violets not only like but absolutely require, it is fresh air, and plenty of it, and always. So don't forget to give them all that is possible. Of course it means lots of work, looking after your ventilators; but then, there is lots of work to anything that you really make a success of, "don't you know?" If you find yourself handicapped in ventilating as you wish, because you are only growing a few, perhaps, in a house with other stock, see now, in placing for next season, if you cannot arrange things so that you can give them a small house, or frame, to themselves, so that you can regulate the temperature to their best health and needs. R. E. SHUPHELT.

DICKINSON, N. D.—W. A. McClure has gone out of business.

PAULDING, O.—J. M. Hawkins and wife, for Mrs. Hawkins is active in the business, have a rose-pink sport of Enchantress to which they have given the name of a friend, Miss Helen Phipps.

CARNATIONS

CARNATIONS OUTDOORS.

Please tell me the best carnations for outdoor blooming in summer; also temperature for same in the house.

D. M. S.

For summer blooming I would suggest the following varieties: White, The Queen, Indiana Market, Moonlight; light pink, Beatrice, Fair Maid, Enchantress; bright pink, Wm. Scott, Ethel Crocker; red, G. H. Crane. You can grow all these with good success indoors in the winter in 50 degrees or 52 degrees, except Crocker. This is not a first-class winter variety, though we did have splendid success with it the first three winters we grew it. It requires 55 degrees in the winter. A. F. J. B.

RED SPIDER.

In a separate package we send a few leaves of some of our carnation plants. We have them put in solid benches, 6x10, running crossways of our house. In the middle of these beds we find one bed of which the north half are all like the sample. It is confined to this one bed. We don't know whether they have spider, or rust, or what it might be. S. F. Co.

The carnation branches you sent were literally covered with red spider, and if the whole bed is as bad as these branches were I would advise you to pull them out at once and burn them. Plants that are so badly infested will not do much this season, and if you keep them in the house they will be sure to spread to your other beds before you can exterminate them. Do not propagate from these plants, lest you get the pest started in your propagating bench, where it will spread very rapidly and do great damage.

After removing these infested plants, and the soil, I would advise you to wash down all the woodwork and drench the path next to the bed. Syringe the beds on each side next to that one several times during the next couple of weeks to make sure that the pest does not start anew. A. F. J. B.

LEAF-SPOT.

You will find enclosed an Enchantress carnation shoot which is dead on the ends of the leaves. This is general all over the house, spoiling some of the buds and flowers. It only appears in one house. The other houses are all right and all have the same kind of soil. Can you tell me what to do for them?

J. A. F. & S.

The specimen you forwarded was too dried up for me to make out exactly the disease that is causing your trouble, but no doubt it is one of the leaf-spot diseases, and, as they are all closely related and need pretty much the same treatment, I will proceed on that presumption. No doubt the long-continued dark weather is responsible for its appearance, and if you failed to ventilate freely and apply such preventives as sulphur on your steam-pipes it would spread quickly through the house. The fact that it appears in one house and not in the others does not prove anything, save that the conditions in the one house were favorable to the disease and not in the others.

Drop a pinch of sulphur on one of the steam-pipes every six feet or so. Spray the plants twice each week with formalin, diluted with water, one to 500. Give all the air you can and run the temperature even. It would be well to pick off all the diseased leaves, to begin with, and burn them. Water carefully, and in fact, do all you can to promote a sturdy growth. Bordeaux mixture is also a good remedy, but it spots the growth so much and is not so desirable as formalin to use on plants that are blooming.

A. F. J. B.

ROTATING CARNATIONS.

Is it a bad plan to set out this season's carnations in the same patch of ground as this winter's benched carnations were in last summer? The latter have a bad case of stem-rot and other diseases. C. A. M.

The fact that your plants suffered from stem-rot in the house does not necessarily prove that the ground in which your plants grew last summer is inoculated with the fungus. It is quite possible that the disease was in the soil in which you planted in the house, and if your plants were practically free from it while in the field, then the soil in the field was most likely free from it.

Most carnation specialists make it a rule nowadays to rotate their planting as far as practical, and plant carnations on the same ground only every second season, even though there may be no sign of stem-rot. When that disease appears no carnations are planted in that particular territory for several seasons. It would surely recur in much worse form from year to year if carnations were planted each season. If you have plenty of suitable ground then by all means plant your carnations in a different spot this season, and each summer plant where no carnations were growing the season before. A. F. J. B.

FOR SUMMER BLOOM.

Is Queen Louise a good carnation for outdoor flowering? Can it be flowered successfully by the following treatment? Propagate in January, February or March, plant out in summer, pot them in 4-inch pots and carry them over winter in frames; then plant out the following summer for the cut blooms. Please mention other varieties that make good summer bloomers in different colors and give best treatment for Maryland climate. A. R. W.

We have never grown Queen Louise for summer blooming and hardly think it would be as good for that purpose as Flora Hill or Indiana Market. Both of these stand hot weather well and start to bloom earlier in autumn. The Queen ought to prove a good one, too. In other colors I would mention: Fair Maid and Beatrice in light pink; E. Crocker and Wm. Scott in deep pink; G. H. Crane in red. Of the newer kinds White Perfection, Candace and Victory ought to prove good varieties to grow for summer blooms.

The plan you suggest should work all right if carefully followed. I would suggest propagating as late as you can and get the plants established in small pots before planting out. The idea is to have small plants to lift in autumn.



Carnation Afterglow.

(Thought highly of as shown at Toronto by Wm. Nicholson, Framingham, Mass.)

Plants that are rather below the average of what you like to house for winter blooming will prove better stock for this purpose than large plants would. They will transplant better in the spring and the growth, being younger, will start off quicker. Keep all the blooming shoots topped back until they are established again in the field.

In your climate, the plants ought to winter first rate in a coldframe or a cold house. Personally, I have never had much use for coldframes or hotbed frames, though I admit that for some few things they are excellent. They are almost as expensive as a house, and are a lot more work for the one caring for the stock, besides being out in the weather and subject to hard freezing, etc.

If you have a small house which you can run near 40 degrees it will be just the place for your plants to winter. Growth will be slow and you can plant out very early in the spring, the earlier the better. There will be a tendency to bloom, as spring approaches, and if you can get them planted out before this progresses too far the plants will be better for it. If they seem to be starting up a heavy crop of blooming shoots, then cut out the most forward ones in order to encourage steady blooming through the season. Plant them where you can water them in dry weather and mulch them with stable litter before hot weather sets in. A. F. J. B.

MR. HAINES' EXPERIENCE.

[The address of John E. Haines, Bethlehem, Pa., before the Florists' Club of Philadelphia, February 5, 1907.]

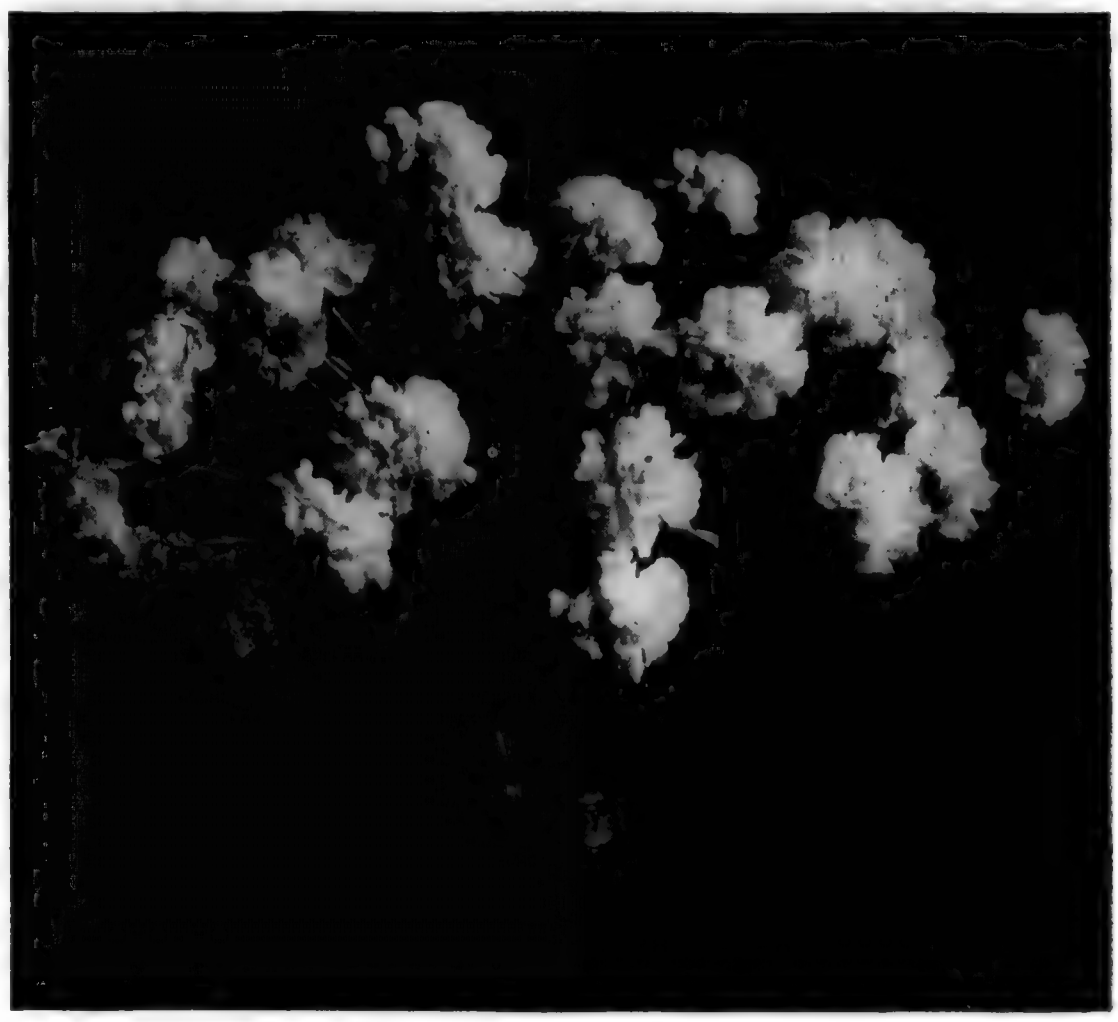
John Welsh Young, a few weeks ago, wrote to me, urging me to make a speech, or write up something on carnations, to deliver before you this evening. I appreciated his kindness, but I really hesitated to comply with his wishes, as speaking in public is a new venture for me and a career of speech-making, at my age, may not be as successful as my experience in raising carnations has been. But I have concluded to give you my experience in growing the divine flower, the carnation, and tell you how I drifted into this line of business at my advanced age.

Early Occupation.

After serving a period in the Civil War, I learned the trade of moulding, which trade I followed until, owing to poor health, I was compelled to change my occupation. I became a retail oil merchant and later in connection with this I also had a few acres of land which I devoted to trucking. Finally, at 48 years of age, I sold the oil business to the Standard Oil Co.

Then I built one greenhouse, 22x80, to raise lettuce and radishes. Meanwhile, I kept on trucking, raising all kinds of vegetables, and am doing the same today. My lettuce crop was successful the first year and the following year I put up another house of the same size. The lettuce crop was again successful and in two years more I erected three more houses. Florists began to pay me visits and praise my good work in lettuce growing, but telling me that my good success with lettuce had about reached its limit and I would find out that succeeding crops would not always reach this same standard. The following year, I grew 50,000 lettuce. It was not quite as good as it had been in previous years, but it was not bad.

At this period I became deeply interested in the florists' trade papers and devoted most of my spare time to reading them. I sent to the government for seeds and among the collection was a packet of carnation seed. I again raised some lettuce and began raising a few flowering plants, a few roses, carnations, etc. Lettuce was not a success that year, but the flowers did very well. This increased my interest in flowers.



Carnation White Lawson Grown by Breitmeyer's Sons, Mt. Clemens, Mich.

With the florists' help which I had hired I commenced experimenting on the stock I received from the government and a few standards I had purchased. The government stock came mostly in bullheads and single blooms. There were also a few fine plants, possessing fine stems and vigorous growths among them. We hybridized these with the following standards: Jubilee, Crane, Wm. Scott, Lizzie McGowan, New York, Albertina, etc. I was successful. I got numerous good ones, would raise them for a while, discover some bad trait, then discard them. I kept on trying and discarding, until I secured enough stock of seedlings of my own, which, compared with the standard varieties I had on the place, were superior to those in my opinion.

Visits Exhibitions.

Seeing glowing accounts in the papers of the flower shows held at various places, I decided to visit a show and see how my carnations compared with those of others. The first show I attended was at Brooklyn. I enjoyed my first visit at the show and found, to my delight, that my carnations were at least good enough to exhibit. Then I discarded most other stock and devoted my space, which I kept increasing a little year by year, to seedlings of my own raising. Lettuce was a dead member. I found the growing of the carnation more interesting, and today, you see, I am still making a specialty of raising seedlings; a work which gives me extreme pleasure. I have visited some shows each year and at times have come home feeling overjoyed with success and at other times disappointed. You florists, no doubt, have had similar experiences. We all leave home feeling confident that our flowers cannot be beaten, but when we get there we see such fine displays that certainly open our eyes. Every time, I come home, however, with renewed courage and aroused ambition to do better.

Methods of Culture.

As to the treatment of the carnation; first, I began by watering my plants at night. My reason for doing this was as follows: Early in the morning, after a good rainfall at night, I had a habit of taking a walk into my truckpatch. Everything looked so fresh and crisp, that it seemed to me, I could almost see exactly how much things had grown overnight. I concluded, the night-watering would be the best method and for a while followed my method. The plants were doing finely. All florists, however, who came to visit me, and papers, all gave instructions for watering in the morning and I finally changed to the general method of watering, though I must say, I did not see a decided difference.

By attending the different conventions, club meetings, and reading essays by various writers, I discovered that my way of growing the carantion was not so different from other florists' methods. I gradually learn more, get new ideas talking to different florists and visiting other greenhouse establishments.

The question, "How do you get such long, strong stems on your carnations?" is so often put to me. As I have said before, my methods are not different from others. I claim it is in the varieties I grow. In the other standard varieties I had been growing I could see no difference in that respect.

The soil on my place is a heavy clay. I prepare it by making compost. I have never had experience in growing carnations in a sandy soil, but I believe it can also be prepared in compost to grow car-

nations equal to those grown in clay soil. It may even do better; I cannot tell.

In feeding the plants, I begin as soon as I have fire in the house. I feed them lightly now and then and keep them on the move. I do not use the liquid manure. I use sheep manure, bone flour, air-slaked lime and wood ashes.

I have not kept a night fireman, except on extremely cold nights and run my house between 45 degrees and 52 degrees. In one of my houses I have taken out the partition on one side for growing violets. The temperature of this place is usually about 45 degrees when the others are 50 degrees. Here I always have been growing my namesake. I find that in this house the best flowers are produced and yet the plants are very prolific.

Insects and Diseases.

The troubles connected with the raising of this flower I have also met with and have been kept busy fighting. One of these troubles at one time was stem-rot, as they call it. I will not undertake to say what the cause of it is, or the remedy. There are many different opinions on this great question. I will give you the experience I had one year in this line. In the autumn I buried vegetables, such as turnips, radishes, beets, etc. In the spring, when the ground was prepared for planting, there were still, in a certain patch, vegetables that had either rotted or frozen, also some salt hay, which had been used for covering bulbs, and tomato vines grown the previous year. Here, I planted my young stock of carnations. The plants raised on this patch suffered with stem-rot. It was so peculiar, only these plants were infected. Those which did not get it in the field, got it after planting in. This taught me that I must be very careful not to have any decaying matter or fermented matter around the place. I have been very strict in the matter of cleanliness. Cleanliness is next to godliness. All refuse must be taken away immediately and surroundings must be kept sweet and clean. I have used air-slaked lime occasionally for this purpose.

Another trouble is that dreadful disease, rust. From all my past experience I find that by taking the best of care of the plants, beginning at the time of planting-in and using all the precautions that would be used if they were infected right along, it will seldom appear at all. An ounce of prevention is worth a pound of cure. My plants are watched closely and if any plants show the least symptoms of it the infected leaves are at once taken off.

To avoid the much hated thrips and greenfly, the plants are sprayed with nicoticide, say, once a week; but precaution is used in choosing a bright day for the work. I also begin this treatment as soon as the plants are put into the house. I find this treatment of plants more successful than the method of smoking I used in previous years. Since the present treatment has been used I am molested very little with these pests.

These are some of my experiences. It is impossible for me to relate all of the little details. I feel that there is still a great deal for me to learn. My interest is at its highest point. My aim is to do better each year. I hope to meet you often in the future, to hear your experiences and views on the various questions. This way of meeting to tell each others' views and visiting each others' places, I believe, will lead to a grand advancement in the culture of the carnation.

NEW ORLEANS.

Convention Plans.

February 15 and 16 are the dates fixed for the 1907 convention of the Society of Southern Florists in this city, and the local members and florists generally are preparing to make the occasion a big success. Invitations have been printed and sent out notifying florists all over the south and through the country generally that the convention will meet at the time mentioned, and urgent steps will be taken to guarantee a big attendance. The time fixed is immediately after Mardi Gras, and it is thought that placing the date then will assure the attendance of many who would not otherwise attend. First Vice-president C. W. Eichling, who has charge of the arrangements, announces that R. Lockerbie has appointed the following on his subcommittee: Messrs. Steckler, Newsham, Papworth, Chopin, Lapouyade, Menard, Paul and Otto Abele and others.

Preparations are being made to see that all visitors will be assured of satisfactory quarters during their stay here, Joseph Steckler having this matter in charge. A list of hotels and rooming-houses will be published and announcement will shortly be made of the full program. The prospects are that the trade exhibit will be quite extensive. The subjects which will be discussed at the meeting will be of general interest. This will be the first convention the Society of Southern Florists has ever held and efforts are all the more being made to guarantee a fitting reception being given by the city.

Various Notes.

Balls and weddings are keeping some florists busy. Complaints are made that flowers coming from the north arrive in a bad condition. The markets for plants will soon open. This winter has been unusually warm. Many florists are ready with any quantity of blooming stuff.

J. Menard is building large frames covered with sashes to protect his Asparagus plumosus. At J. Newsham's and W. C. Withers', who are growing ferns in quantity, we have noticed the same accommodation for their stock. They are cheaper than greenhouses, only a flow and a return hot water pipe being used inside.

F. Gruza is raising Marechal Niel roses in quantity. They are grafted on wild stocks. He says he cannot grow enough to supply the demand.

J. St. Mard is lifting from the open ground a few large plants of Washingtonia filifera.

J. A. Bauer, of Paducah, Ky., was in town and sold a few carloads of his pots. M. M. L.

TARRYTOWN, N. Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held Tuesday evening, January 29, President Howard Nichols presiding. A fine lot of cyclamen plants were on exhibition. Joseph Bradley, gardener to Sidenburgh Hastings, won the prize with three excellent yearling plants. Howard Nichols offers a prize for the best twelve roses other than American Beauties for the February meeting. H. C. Griffin, of Tarrytown, was elected an honorary member. Two of the essays on "Vegetables" that were in competition for the Peter Henderson prize at the autumn show were read, and a lively discussion followed. The authors of the essays were George Standen and C. Newton.

Resolutions of sympathy were read and adopted on the death of John Egan, one of the charter members of the society. Mr. Egan was one of the pioneers, and one of the most able gardeners in this section. For many years he was in charge of the Gurney estate at Irvington, but latterly conducted a business in Tarrytown. He was one of the best grape growers in his day, and his name was associated with the production of many things in floriculture.

Resolutions of condolence to Claude Wilson, Dobb's Ferry, on the death of his son, were also read. D. McF.

NEW YORK.

The Market.

On Monday a western blizzard arrived. The ground hog's view of his shadow on Saturday was verified and the long, cold winter seems to have begun. The convention weather has certainly followed us from Canada. The worst storm of the year is raging, cars are blocked, the temperature is falling rapidly, and the outlook is blue and white as this letter starts for Chicago.

Business has been unsatisfactory for a week. Prices have been high, stock scarce and retail demand below the normal. The prospect for the present week is not encouraging. The finest Beauties still command from $9 to $12 a dozen, but they are few and far between. The best Maids and Brides sold readily at from $15 to $20 per hundred, but there were few of them. Prices a year ago were about half of those now prevailing. A good deal of pessimistic comment comes from the growers. Even with such excellent prices, the lack of supply is the serious consideration.

There are plenty of carnations and values have fallen fifty per cent from the high figures of two weeks ago. Orchids are abundant, but the call for them continues, not only locally but from all parts of the country. It looks as if the prospective brides had combined everywhere to carry orchid bouquets or postpone the wedding ceremonies. Gardenias maintain their popularity. Valley is coming in freely. Some fine stock from the Dale Estate at Brampton, Can., is in evidence on Twenty-eighth street. There is an oversupply of bulbous stock and plenty of smilax and adiantum. Lilac is fine and popular. Lilies are scarce and high, and violets have settled down to a steady gait, at 50 cents to $1 per hundred, where they are likely to hold until Easter.

Lent begins next week Wednesday, but it will not even jar the market. The day of its potency is past. Eight weeks from Sunday is Easter. It seems hard to realize it tonight, with the blizzard raging and the extremities tingling from the icy grasp of old Jack Frost. But there is no time to be lost in preparing for the great spring festival and everyone is alert and enterprising in the advance bookings and engagements for the grand stock grown on every hand by the expert plantsmen of this vicinity. As to Lent, the period of sackcloth and ashes is crowded with balls, dances, dinners and weddings, the social and society columns of the local papers being filled with coming functions reaching far into the springtime.

Various Notes.

Many are planning already for the rose show, a month hence in Washington. The Rose Society may well prepare for a record crowd this spring, for more will attend its meeting from New York than ever before and exhibits from this center will be a surprise in numbers and excellence. The Washington Florists' Club will repeat its triumph when it entertained the S. A. F. and will demonstrate to carnationists the excellence of their choice for the convention of 1908.

Walter Sheridan is already receiving encouraging news as to the New York Club's annual dinner at the St. Denis hotel, Saturday evening, February 23, An early acceptance of the invitation by the club members will be greatly appreciated by the committee. An attendance of less than 100 will be no credit to this prosperous organization.

The Glen Cove dinner last Wednesday was a fine success. It was the second annual and over fifty sat down to a 4 o'clock dinner that was greatly appreciated. President McKenzie was the toast-master and a good one. During the festivities the society's medals were distributed to the winners in the twelve months' competition. The gold medal was won by S. J. Trepess, the silver by C. Myers and the bronze by Alex. McKenzie. Among the visitors were John Low, of Peter Henderson & Co.; The Rickards brothers; W. F. Ross, of the F. R. Pierson Co.; Wm. Scott, of Elmsford; George Burnett and Mr. Sperling, of New York; J. Cook, of Thorburn's, and Mr. Conine, of Stratford, N. Y. Mr. Woodlin, with the Rickards brothers, made melody. Speech and song held the happy company until a late hour and decorations of cyclamen, azaleas, freesias and Winsor carnations made the room beautiful.

The Orange smoker on Friday evening was well attended, notwithstanding sloppy weather. All the old-timers were there and the hilarity lasted until the wee sma' hours. About fifty, including several visitors from New York and adjacent towns, were present. The society held its regular meeting and its reports indicate progress and prosperity. Messrs. Berry, Ross and Manda judged the excellent exhibits. The program was long and interesting and included song, oratory and dramatic exhibition by local talent that was highly appreciated. The exhibits included a fine collection of orchids, from the Julius Roehrs Co., a vase of Carnation Winsor, from the F. R. Pierson Co.; a grand specimen plant of Cattleya Schrœderiana with twenty-five flowers, from Sidney Austin Colgate, Wm. Reed, gardener; a pan of a new pink hyacinth, a vase of Lawson and Rob Roy carnations from Chas. Hathaway; a fine plant of Euphorbia Jacquiniæflora, from Peter Duff, and a vase of carnation seedlings from Henry Hornacker. The smoker was up to the excellent record of the society for its annual celebrations and was greatly enjoyed by all.

The announcement is made of the engagement of Julius Roehrs, Jr., of Rutherford, to one of Brooklyn's fair ladies, the daughter of a well known florist. Congratulations are overwhelming the popular young folks in advance of the wedding bells.

The meeting of the National Gardeners' Society was held last week at the American Institute, and the long and excellent program was completed successfully with an attendance of 100 gardeners, many of them men of national reputation. John Shore's address on "The Dignity of the Gardeners' Profession" was the gem of the meeting. President Hunter conducted the meeting with commendable enthusiasm.

A week ago Mr. Tokuda, of the Yokohama Nursery Co., of Tokio, arrived in New York preparatory to a tour of the country, taking the place of B. Suzuki, who remains in the Island kingdom.

John Seligman & Co. are receiving large quantities of southern grown Asparagus plumosus and some fine Golden Gate roses from their Virginia growers.

William Hockland, of the New York Cut Flower Co., in the Coogan building, will be married February 11 to a New York lady. They will spend their honeymoon in Washington.

We are, indeed, pleased with the results obtained from our advertisement in

THE WEEKLY FLORISTS' REVIEW

as many of our best customers favored us with their orders after reading our advertisement in your paper.

Very truly yours,

IONIA POTTERY CO.

Ionia, Mich.
February 4, 1907.

The long established business known as LaRochelle, at Eighth avenue and Twenty-first street, was sold last week to Mr. Ficket, formerly with W. H. Traendly, at Sixth avenue and Seventeenth street. The stand is an excellent one and has been utilized by the old firm for over thirty years.

Reed & Keller have two new inventions that appeal to florists, one an adjustable casket cover and the other a folding canopy.

The aftermath of the Toronto convention gives no discordant or uncertain sound. There are none but pleasant memories. One or two travelers were the subjects of popular jokes while crossing the frontier and the responsibility for them seems to rest on the shoulders of the man who can throw off such trouble as easily as a duck sheds water, Harry Bunyard. It is an unsafe venture to try to play practical jokes on the practical custom house officials of His Majesty.

Next Wednesday New Yorkers will have opportunity to again hear W. J. Lawrence, of Toronto, in his tenor melodies, the Toronto Choral Society, of which he is a member, giving a popular concert at Carnegie hall February 13. The New York Florists' Club is hoping he may be present at its meeting Monday evening, February 11. This is an important occasion and a large attendance is requested. Many matters of interest are to be discussed and much of the prosperity of the year depends upon this evening's discussion. Preliminary meetings have already been held by the outing committee. Bowling club night, or afternoon, will be determined and final arrangements as to the club's annual dinner completed. Some fine exhibits are promised and, all things considered, the evening should be one of the best of the year. There will be music by "the team" and echoes from the Canadian convention. You can't afford to miss it.

The victims of the grip are all convalescing. The affliction has been widespread. The popular secretary of the Rose Society, Benj. Hammond, was one of the sufferers.

McKinley day was not observed as we hoped and anticipated. Few carnations were worn in the streets and even the florists themselves failed largely to create public notice by wearing the flower in memory of the martyred president. But there was a greater interest displayed than in 1906, and I predict another year will develop wider demonstration.

Julius Roehrs, Sr., after a severe attack of grip, has fully recovered and is able to visit his new orchid range daily.

J. AUSTIN SHAW.

PAPER WHITES.

We want to grow some Paper Whites next season after mums are gone and would like to ask the following questions: Can we plant the bulbs in 3-inch flats and put them under a carnation bench by tacking paper around the bench to make it dark? How long will it take to bring them into bloom after they are brought into the light at 45 to 50 degrees at night? Will a 15-18 centimeter bulb produce two blooms per bulb?

R. & S.

While Paper White narcissi will grow and bloom in flats three inches deep, we prefer them an inch deeper. After boxing place on a cellar floor, frame or under a greenhouse bench. They do not need to be kept darkened so much as other narcissi; in fact, we have seen excellent ones grown in full light all the time. If placed under the bench and a strip of cloth or heavy paper is tacked along it they will come along nicely. Allow from five to six weeks for them to come into bloom after being placed on the bench in a night temperature of 50 degrees. If it is a mild winter they may come a little earlier, and if severely cold a trifle longer time may be needed. After February they will flower much earlier, only three to four weeks being needed.

C. W.

DANVILLE, ILL.—The proprietors of the Plaza hotel are preparing to erect a greenhouse 20x240.

MILWAUKEE, WIS.—W. W. Thompson & Sons are planning to erect a house 30x200 in the spring and follow it with others as the business develops.

DEVIL'S LAKE, N. D.—The greenhouse of P. J. Kersten was practically destroyed by fire January 19. The dwelling house adjoining was saved with difficulty.

TAMPICO, ILL.—Mary A. Wirth has retired from the business and has sold all her greenhouse material. The town proved too small to support a greenhouse.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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E. NEUBERT, Wandsbek, near Hamburg, Germany, makes a specialty of the American sports of nephrolepis, including Whitmani, Piersoni, Elegantissima, Scottii and Barrowsii, issuing a price-list showing a splendid cut of the first named variety on its front cover.

THE REVIEW has more subscribers in the state of New York than in any other state in the Union.

ADVERTISING PAYS.

Please discontinue our 3½-inch double column advertisement of carnation cuttings. We had intended you to insert this only once, for we have been overwhelmed with orders. As our space for rooted cuttings is somewhat limited this year we cannot supply the quantities that we have in the past year. We will shortly send you new copy offering other stock.

COTTAGE GARDENS CO.

Queens, N. Y., Feb. 4, 1907.

As the advertisement in question stated quantities offered, a total of 66,500, it may fairly be said that business is good with the Cottage Gardens Co.

ILLINOIS ASSOCIATION.

Parties wishing to stage exhibits at the meeting of the Illinois State Florists' Association, to be held in Bloomington, February 19 and 20, will kindly apply to George A. Washburn, Bloomington, Ill., chairman of the exhibition committee, for space. A charge of $10 will be made for trade displays, supplies, etc. On space for cut flowers, plants, etc., there will be no charge. All stock sent to the chairman, express prepaid, will be properly staged and cared for during the meeting. A special committee will be appointed to pass on all exhibits. Everybody should send something and every florist in the state should attend. In addition to the benefit derived in a business way, we are assured a good time by the Bloomington brethren.

J. F. AMMANN, President.

GLADIOLUS AMERICA.

We note in the REVIEW of January 31 the address of H. H. Groff before the American Breeders' Association, and particularly that part of his remarks pertaining to the origin of Gladiolus America. We think it rather late for Mr. Groff to come forward at this time and claim America as his production. This variety was exhibited by Frank Banning, from whom we bought the stock for four or five years. After we bought it we exhibited it very extensively during two summers and no one questioned its being a new variety. It seems to us that if Mr. Groff had had it in his collections for so many years, some one would have discovered that America was not a new variety. We had some correspondence with Mr. Groff a month or two ago regarding this matter, but his contentions were so absurd that we dropped the whole matter.

He seems to censure us for classifying it as a Childsi. We are well aware that it is not a full-blooded Childsi variety but there is more Childsi blood in it than anything else; therefore, we put it in that class. We cannot see how he can claim it as one of his hybrids, as all of the Groff's hybrids, as far as we have been able to test them and observe their growth, are very little if any different from a good strain of Lemonei hybrids, and if one would happen to get some good colors in the Groff's mixtures he would be pretty sure to be able to trace the same varieties in the hybrids that Messrs. V. Lemoine & Fils have been and are putting on the market, and we as gladiolus growers have failed so far to find any distinct species in the so-called Groff's hybrids.

Mr. Groff also contends in his article that the cormels from America do not mature anywhere except in Ohio. This is wrong, as we have grown them for two years on our own place on Long Island and the cormels mature as well as those of any variety that we have, and a large number of the one-year-old bulblets will bloom. Of course, the flowers will be small compared with the flowers from the larger and older bulbs. Another thing that seems absurd to us is that, if Mr. Groff had had this variety so many years, he was very slow in not selecting it out and putting it on the market as a variety of great merit, for it certainly is, and this fact cannot be disputed by anyone who knows the first thing about gladioli.

JOHN LEWIS CHILDS.

STOCK SCARCE.

From one end of the country to the other there is a striking similarity in reports as to the condition of the market. We have had a most unusual season so far as weather conditions go. Not in years have there been three months of such continuously cloudy weather. In most sections it also has been warm and the rainfall has been far ahead of normal. Conditions have been most unfavorable to the production of cut flowers and markets everywhere are short. Through January roses have been especially scarce. Carnations, while not yielding anything like what is usually cut at this season, have done better than roses. To the growers increased prices as compared with last year have made up a part of what has been lost through lighter cuts, but it has been only a small part. Unless the spring season brings a return considerably above the ordinary this will not be an especially profitable season for growers of roses and carnations, or to the Rhinebeck violet growers, who are in the same boat. The growers of bulbous stock are profiting to some extent so far as better prices go.

VINES FOR WIND-BREAK.

I have a wind-break eight feet high, running north and south and east at west at right angles. I want to cover it with some self-supporting vine that will stand high winds, is hardy and will grow rapidly in a well-drained, sandy loam. Would Ampelopsis quinquefolia or A. Veitchii meet these conditions?

J. L. G.

Ampelopsis Veitchii, if used, needs some protection the first year, until established. We find this variety, however, kills back badly in severe winters. A. quinquefolia, the common woodbine, or its variety Engelmanni, would be probably the best clinging vine to use. Either of these will tear off sometimes and it would be well to give them a few supports. Wire staples can be used for this purpose. Clematis paniculata would cover the fence more quickly than anything else if upright strands of wire netting were fixed at three feet intervals for the vines to cling to. Netting a foot wide will answer. The clematis dies back pretty well each winter, but will speedily grow and cover the whole fence when warm weather comes. It makes a dense covering of foliage, is beautiful when in flower and its seeds are handsome all winter.

W. N. C.

Send Your Order to Amling for

VIOLETS For VALENTINE'S DAY

FEBRUARY 14

We have large supplies of the best grade of Hudson River stock, also large, fragrant, home-grown singles.

CARNATIONS

We believe no other house in the West has so large a supply of carnations—certainly no other house has so large a supply when only first-class stock is considered.

Roses

Cut not large but stock averages good quality.

Bulb Stock

Plenty of white and yellow Tulips; also Jonquils and Daffodils. Increasing supplies of Keizerkroon and Proserpine. Paper Whites abundant.

FANCY VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

AMERICAN BEAUTIES		Per doz.
Stems, 30 to 36 inches		$5.00 to $6.00
Stems, 20 to 24 inches		3.00 to 4.00
Stems, 12 to 16 inches		1.50 to 2.00
Seconds		.75 to 1.00
Bridesmaid	per 100,	6.00 to 15.00
Bride	"	6.00 to 15.00
Chatenay	"	6.00 to 12.00
Golden Gate	"	6.00 to 12.00
Richmond and Liberty	"	6.00 to 15.00
Carnations, select	"	3.00
" large and fancy	"	4.00 to 5.00
Miscellaneous Stock		
Violets, N. Y. double	"	.75 to 1.00
" single	"	.75 to 1.00
Valley, select	"	2.00 to 4.00
Callas	per doz.	1.50 to 2.50
Harrisii	"	2.00 to 2.50
Mignonette	"	.50 to .75
Sweet Peas	per 100,	1.00 to 1.50
Romans	"	3.00
Paper Whites	"	4.00
Jonquils, Daffodils	"	4.00 to 5.00
Tulips, all colors	"	4.00 to 5.00
Green Goods		
Asparagus Plumosus, per string		.35 to .50
" " per bunch		.35 to .75
" Sprengeri	per 100,	2.00 to 5.00
Adiantum	"	1.00
Smilax	per 100, $15.00; per doz.	2.00
Ferns	per 1000, $2.50; per 100,	.25
Leucothoe Sprays, per 1000, $6.50; per 100, 75c		
Galax, green and bronze, per 1000, $1.00.		
" " " " per case, 10,000, $9.00		
Boxwood	35c per bunch; $7.50 per case	

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic Chicago, Ill.

Mention The Review when you write.

CHICAGO.

The Great Central Market.

The market is almost bare of roses. The receipts of Beauties are almost nothing at all. The growers, who should be cutting 1,500 to 2,000 Beauties per day, find themselves cutting 300 to 500, and of these the shorts are so poor they are of little use. The crops of Bride and Bridesmaid are little better, except that the quality is more satisfactory. Richmond seems to be giving a number of growers good cuts, compared with what other varieties are doing. The prices on roses are something extraordinary. Never in the history of this market have prices been so high for so long a period after Christmas. As a matter of fact, good roses are now bringing more than the prices asked at the holidays. Not only do the extra select command full holiday rates, but the shorts are bringing much more than they did for Christmas.

The carnation has had a week of splendid business. Receipts are quite large and last week the demand cleaned up everything at splendid prices. It is difficult to make a summary of what prices have been, but it is probably well within bounds to say that all kinds and conditions of carnations in the last week brought $1 per hundred more than they did a year ago at this time. The market has been well cleaned up every day and the result has been most satisfactory. This week starts with only a slight recession in demand and prices.

The shortage in roses and the high prices of carnations has had the result of turning demand to bulbous stock. Tulips are nothing extra in quality at this early date, but have been bringing excellent prices. Paper Whites and Romans are doing better than they usually do at this season. Valley is in demand and callas and longiflorum sell quickly. Sweet peas have arrived in considerable quantity and are a great help. Freesia also sells well.

If there is any item which is in oversupply it is the violet, both Hudson river and local stock. It seems that the retailers do not push violets the way they once did and few funeral pieces are made of them. The result is that the violet market has been dead on cold days and has had a brief season of activity when the weather has been favorable for street wear.

Practically all kinds of indoor greens are scarce. There is abundance of everything of hardy character.

Local trade is not especially active, but it seems that the shortage in stock, which is so pronounced among local growers, is also affecting the producers throughout the country. The result is that the whole Mississippi valley is calling upon Chicago for stock. We wish we had more of it for them.

Stock Frozen.

There are numerous complaints of stock having arrived frozen during the last week, and it is worth while noting that it was not always on the coldest days that accidents happened. The heaviest loss was on two shipments of orchids to C. W. McKellar. These came from Washington, D. C., and the value of the two lots was close to $200. The most numerous cases of complaint were with regard to the violet shipments from Rhinebeck. Some local lots of roses and carnations were frosted Monday morning.

Reinberg Buys Lilies

Several weeks ago the REVIEW reported that Peter Reinberg had decided to extend the range of his business by growing other things than roses and carnations, to which he had confined himself in the past. In pursuance of the new policy Leonard Kill has in the last week placed an order with William Hagemann, New York, for 30,000 lily bulbs for next season. A portion of these are Harrisii, for early forcing, but the bulk of the lot will be longiflorum multiflorum and longiflorum giganteum; these for cold storage and the later forcing, the idea being to have lilies all the year around after the first of this purchase of bulbs comes in.

Mr. Reinberg also is making plans to build a small range of violet houses this spring. It is stated this will be the only addition to the glass this year.

Wienhoeber Employees' Reception.

The employees of the E. Wienhoeber Co. gave their first annual reception at the Svithiod Club, 1768 Wrightwood avenue, on the evening of January 30. The rooms were handsomely decorated, with palms and cut flowers, and the attendance was 114 couples, among them being Mr. and Mrs. E. Wienhoeber and many of the wholesale and retail florists. The grand march was led by D. A. Robertson and wife. The music was by Goldsmith's orchestra. In the intermissions there were musical numbers in the club parlors. The committee in charge, which

GLASSWARE

We do not carry cut glass, or hand painted China, but we **do** carry a large line of Vases, Glass Baskets, etc., in different sizes, colors and styles which any first-class florist ought to be able to sell to good advantage. Remember, we do not try to sell anything that we think is liable to be a loss to the retailer, as the only way we can expect to prosper is by our customers being prosperous, and we always have their interests uppermost in our mind. We do not list all our glassware in our catalogue, as the book was issued before we received our shipments from Europe. However, if you will give us an idea of what you want we are sure you will be well pleased with what we send you, and if it is not entirely satisfactory, RETURN at once at our expense. That's fair, is it not?

As we have had such a large success with our assortments of Fancy Baskets and other novelties, we make you the same offer on our Bohemian Glassware.

WHITE LILAC, $1.50 per doz. The best and cheapest white stock on the market today.
VALLEY, extra select stock, $3.00 and $4.00 per 100.

TULIPS, fancy La Reine, $4.00 per 100.
DAFFODILS, double and single, $5.00 per 100.
CARNATIONS, in large supply, all prices.

VIOLETS For Valentine's Day

We will have plenty of both double and single, but would like to get your order as early as possible.

A. L. RANDALL CO.

Watch for our special circular on Ribbons, Cycas Leaves, Wheat sheaves, etc., which we will mail you this week If you do not rececive it, drop us a card. Have you our Catalogue?

19-21 Randolph St., CHICAGO, ILL.

is to be congratulated upon the success achieved, consisted of V. Bergman, W. W. Adams, D. A. Robertson and F. Pisternick.

The staff of C. A. Samuelson, under the leadership of Ed Enders, now proposes to have a similar affair on the South Side.

Wholesalers' Changes.

"What have you on your minds today?" was the question of the reporter as he entered the new store of the Benthey-Coatsworth Co. "Nothing on our minds; only paint on our pants," was the reply. The staff is all busy getting things into shape, and when the work is finished the store will be, perhaps not the largest, but certainly one of the best-equipped and most livable in the market.

The Poehlmann Bros. Co. is taking advantage of the lull occasioned by light cuts to rearrange the store, taking in the room recently vacated by the Benthey-Coatsworth Co., and also the hall which gave access from Randolph street. It will more than double the size of their store.

The Winandy Sale.

The trustees of the estate of Michael Winandy appeared before Sidney C. Eastman, referee in bankruptcy, Wednesday morning and invited bids for all the bankrupt's property, greenhouses, personal property and his interest in the real estate, the whole to be sold as a going concern. The only bid was that of Arthur B. Dietsch, son of A. Dietsch, $4,500, which was accepted under the usual practice of leaving confirmation by the court open for seven days. A. Dietsch holds one of the mortgages to which the sale is subject. His firm also has an unsecured claim. The claims secured by mortgage are about $32,000. The unsecured claims filed in court total $45,778.77 and there are said to be claims not filed, but the latter will fare about as well as those proved up, for the Dietsch bid is about the expense of administration by the trustees, Edwin C. Day, Carl Ickes and Peter Reinberg. A full list of the proved claims is:

Chicago Telephone Co.	$ 24.33
Kroeschell Bros. Co.	987.51
Pittsburg Plate Glass Co.	1,876.12
J. A. Budlong	8.15
Sprague, Smith Co.	4,485.12
R. H. McCormick	18.33
Vaughan's Seed Store	69.86
Tibbets, Cameron Lumber Co.	403.94
Adam Schillo Lumber Co.	13,115.34
Dreiske & Himers	1,041.69
Philip Turnes	20.00
Aug. Turnes	14.30
Jno. Schneider	43.00
Nic Flam	11.00
Philip Turne	1,500.00
Jno. Schneider	1,208.00
Nic Flam	130.00
J. B. Clow & Son	1,731.07
Michael Grotz	1,000.00
Frank Leider	66.92
Louis Mercatoris	600.00
Theodore Petry	14.74
Wm. E. Dee Co.	177.53
A. Dietsch Co.	4,216.53
Benthey-Coatsworth Co.	40.60
Jno. Blau	100.00
Jno. Blau	566.25
Katherine Breyer	314.00
John A. Evans	1,470.72
Jacob Eifler	.68
Nic Flam	145.60
Math Evert	32.00
Florists' Pub. Co.	8.00
P. J. Happ	28.50
Hubert Hostert	28.15
Illinois Brick Co.	4.35
Mathias Kolkes	300.00
Nicholas Mann	275.83
Chas. H. Mears	181.55
Mrs. N. Miller	20.00
People's Pure Ice Co.	12.00
Poehlmann Bros. Co.	7.50
Eugene P. Schmidt Co.	200.00
John N. Schmidt	3.25
Matt Schmit	40.15
Michael Schreiber	2.40
Geo. D. Simonds Co.	1.50
Sinner Bros.	3.15
H. Stern	665.22
J. P. Thieser	578.50
Trinity Coal Co.	337.89
Peter Weineschkirch	25.00
Wietor Bros.	17.20
E. F. Winterson Co.	1.85
Chas. Gross	1,424.89
Antoine Budnik	739.50
Superior Machine & Boiler Wks.	186.84
Adkins, Young & Allen Co.	626.38
Alston Mfg. Co.	175.35
Tyler & Hippach	877.77
C. N. Michels	12 58
C. N. Michels	416.56
Schnetz & Moore	27.68
J. Karens & Kath. Barnich	1,500.00
American Florist Co.	15.40
Andersen & Armstrong	857.80
Jno. Winandy	98.60
People's Gas Co.	1.10
Alwart Bros. Coal Co.	126.30
Geo. Schlim	150.00
Henry Fortman	193.00
Rogers Park Water Co.	264.00

The Weather.

He saw his shadow all right, in Chicago, and no one would blame a groundhog for going back for another snooze, for it was 2 degrees below zero February 2. How the sun happened to shine that particular day is one of the mysteries. It has snowed pretty steadily since, and all through January there were only six clear days, with five on which the sun shown a few minutes, and twenty cloudy days. On nineteen days it rained more or less. The total precipitation for the month was 4.21 inches, or more than twice the average. The temperature was high compared with other Januarys, 115 degrees excess being accumulated in the month. The wind velocity was high, averaging fourteen miles an hour, but not so high as December, when the average was fifteen miles. January 20, with 4 degrees above zero, we had wind at sixty miles an hour for a few minutes.

Specials for the coming week—Rudd's **Extra Fancy** red and pink seedling Carnations. They are of the "Blue Ribbon" kind. Also Fancy Enchantress.

When in Need of Supplies Don't Hesitate to Send to Us

If in the market we can furnish it. Headquarters for

Wild Smilax, Boxwood, Ferns, Galax, Etc.

The Largest Stock of

Up-to-Date Florists' Supplies

in the West. Catalogue free.

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$6 00 to $15.00
Richmond and Liberty	6 00 to 15.00
Golden Gate and Uncle John	6 00 to 12.00
Chatenay	6.00 to 15.00
Killarney	8 00 to 15.00
Roses, our selection	6.00
CARNATIONS	2.50 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75 to 1 00
" single	.75 to 1.00
Harrisii Lilies, doz., $2 50 to $3 00	
Callas " 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00 to 4.00
Jonquils, Daffodils	4.00 to 5.00
Sweet Peas	1.00 to 1.50
Tulips	4.00 to 5.00
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.25 to .50
Adiantum, per 100	1.00
Ferns, common, per 1000	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



I have many Novelties in Ribbons and Chiffons for Easter

Headquarters

I receive regular daily shipments of best quality **HUDSON RIVER VIOLETS.** Prime shipping stock. **GIVE ME YOUR ORDERS.**

CURRENT PRICE LIST

ORCHIDS, a specialty.	Per doz.
Dendrobiums	$3.00 to $6.00
Cattleyas	6.00 to 7.50
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	6.00
24 to 36-inch stems	4.00 to 5.00
15 to 20-inch stems	2.00 to 3.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory, Gate	6.00 to 15.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise, Perle	6.00 to 15.00
Roses, my selection	8.00
Carnations, large fancy	4.00 to 5.00
" good stock	3.00
Violets, double or single	.75 to 1.00
Harrisii or Callas, per doz.	2.50 to 3.00
Valley	3.00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Tulips, Jonquils	3.00 to 5.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	1.50 to 2.00
Asparagus Strings, each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum, per 100,	1.00
Ferns, per 1000,	2.00 to 2.50
Galax "	1.00
Boxwood Sprays, per bunch	.35
" " per 50-lb. case,	$7.50
Wild Smilax, large size, per case	$5.00

Subject to change without notice.

Mention The Review when you write.

Various Notes.

William Fluegge, of Morton Grove, says he is well pleased with the quantity and quality of his carnation crop this year. At this season's prices he is doing first rate.

Kennicott Bros. Co. received the first of the season's crop of Klehm's Novelty tulip during the last week. The cut will increase rapidly. Already the stock is of excellent quality.

C. W. McKellar had an order Monday for 1,000 sweet peas, and 500 valley for a Memphis wedding. He has just received new stocks of ribbons and chiffons for Easter.

George Wienhoeber is at a sanitarium at Oconomowoc, again suffering with stomach trouble.

E. C. Amling is receiving large shipments of sweet peas and finds they sell excellently. He has two or three growers at Maywood who make a specialty of sweet peas the first months of the year, and they prove a most profitable crop.

Phil Schupp, manager of J. A. Budlong's city store, says that all they want is a day or two of good bright sun to bring along the finest crop of roses they have had this season. The color of their Maids is excellent.

There is much interest in the club's carnation show next week, Thursday, February 14, and it appears that not only will there be a banner attendance, but a fine show. Many novelties will be on view, and the local growers will show their best. The "doings" begin at 7 p. m.

The A. L. Randall Co. has just unpacked a large line of imported glassware.

At the meeting of the Horticultural Society last week Ernst Wienhoeber was elected treasurer, to succeed W. N. Rudd. As Mr. Rudd insists in also being relieved of the secretaryship, that office remains unfilled. The society is in a prosperous financial condition. The executive committee is authorized to proceed with the arrangements for the annual exhibition.

Clifford Pruner is on the road for E. F. Winterson Co. and reports, along with good orders, that the florists everywhere are having good trade and look forward to a big Easter.

Wietor Bros. report the receipt of many orders for rooted cuttings of chrysanthemums from those they supplied in previous years. They have a big lot of stock in the sand.

Joe Beaver plans to go into business for himself, and is negotiating for the Bruckner place, on Monroe street.

Harry Rowe reports trade quite active the last fortnight.

Anton Then leaves this week for a visit at Magnolia Springs, Ala. He will stay a few days at Mobile.

James Burdett, press agent for the flower show and for the National Council of Horticulture, is at Springfield, reporting the session of the legislature for the Journal. He will be of material assistance to the State Florists' Society in getting its appropriation for greenhouses at the State Experiment Station.

W. J. Smyth's father died a few days ago at Albany, N. Y. He was a Mason of over half a century's standing, the oldest there.

Colds and grip are prevalent. W. E. Lynch, at E. H. Hunt's, has been laid up for a couple of days. So has John Sinner. Robert Johnstone, of Vaughn &

NOVELTY TULIPS $4.00 to $5.00 per 100

WILD SMILAX Large supply constantly on hand. Fine quality. Large cases only, $5.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 CHICAGO

Mention The Review when you write.

Sperry's, was under the doctor's care a week. Percy Jones has been struggling with the grip microbes, but sticking to duty. He reports most satisfactory business last week.

At E. H. Hunt's they report selling Enchantress for as high as $8 per hundred Monday. In the supply department they now show their Christmas bell in white, a fine thing for wedding decorations.

The growers who make a specialty of rooted cuttings report good business on both roses and carnations. Scheiden & Schoos report an inquiry for 10,000 rooted cuttings of Enchantress.

Miss Martha Gunterberg is handling azaleas, primroses, etc., in the Growers' Market.

Vaughn & Sperry are building a private office in their corner of the Growers' Market.

Tuesday Bassett & Washburn shipped a box of their red seedling No. 20 to Mr. Bassett, who had started the day before for New York. Mr. and Mrs. Bassett sail on the Arabic Thursday for Egypt. The flowers were to be delivered to them on the boat.

M. V. Garnsey, of La Grange, reports a rapidly increasing demand for his Japana cut-flower holder and new Anglais table decorations. It is especially convenient for violets, valley, narcissi, etc.

One of the week's visitors was B. Eschner, of M. Rice & Co., Philadelphia, with a line of samples of Easter novelties. Martin Reukauf, of Bayersdorfer's, Philadelphia, also has been in town. H. Brinkman and wife, Michigan City, Ind., were looking up stock in the market.

Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

Current Price List

AMERICAN BEAUTIES

	Per doz.
Long stem	$6.00
30-inch	5.00
24-inch	4.00
20-inch	3.00
18-inch	2.50
15-inch	2.00
12-inch	1.50
Short	$ .75 to 1.25
	Per 100
Maid and Bride	$6.00 to $12.00
Uncle John	6.00 to 12.00
Chatenay	6.00 to 12.00
Liberty	6.00 to 12.00
Richmond	6.00 to 12.00
Sunrise	6.00 to 12.00
Perle	6.00 to 8.00
Golden Gate	6.00 to 12.00
Killarney	8.00 to 15.00
Ivory	6.00 to 12.00
ROSES, our selection	6.00
Carnations	3.00 to 4.00
Valley	4.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas, per doz.	2.00 to 3.00
Harrisii, "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	3.00
Galax, "	1.00

Mention The Review when you write.

Wietor Bros.

51 Wabash Avenue, CHICAGO

Current Price List

AMERICAN BEAUTIES

	Per doz.
Long stems	6 00
30-inch	5 00
24-inch	4 00
20-inch	3 00
18-inch	2 50
15-inch	2 00
12-inch	1 50
Short	$0 75 to 1 25
	Per 100
Maid and Bride	$6 00 to $12 00
Uncle John	6 00 to 12 00
Chatenay	6 00 to 12 00
Richmond	6 00 to 12 00
Perle	6 00 to 8 00
Golden Gate	6 00 to 12 00
Killarney	8 00 to 15 00
ROSES, our selection	6 00
Carnations	3 00 to 4 00
Valley	4 00 to 5 00
Violets	75 to 1 00
Paper Whites	3 00 to 4 00
Romans	3 00 to 4 00
Stevia	1 50 to 2 00
Callas, per doz.,	2 00 to 3 00
Harrisii, "	2 00 to 3 00
Asp. Plumosus, bunch,	50 to 75
Ferns, per 1000,	3 00
Galax, "	1 00

Mention The Review when you write.

BALTIMORE.

The Market.

The last week has been a record-breaker and we have experienced every kind of weather imaginable. But business was good. Society was in full blast. Many decorations were called for. One florist had six decorations in one day. Many banquets were held and dinners were given. The usual demand for funeral work was met.

Bulbous flowers are coming in more readily. Many Romans and narcissi were used for designs. Carnations and roses are still holding their own and bringing good prices. There has been a demand for sweet peas and smilax. Callas are steadier. Mignonette is fine and selling well. The southern violets have made their appearance, and the street boys are selling them at a good profit. Miscellaneous flowers are selling well. Greens of all kinds are coming in.

Various Notes.

T. Walter Gray, of Catonsville, Md., is erecting another house 18x90 for forcing Easter bulbs. The increasing business has made it necessary for him to build at this time of the year. Mr. Gray will soon make his appearance in market with his new wagon.

Griffith & Turner Co. received last week 200 bags of seed potatoes from the north, and they are claimed to be the finest lot that has been seen for many years.

John Eberhardt, Franklintown, will offer his place of twenty-five acres for sale. He has 12,600 feet of glass, heated by steam, improved by an up-to-date water system, a fine house and necessary buildings to make a complete commercial plant.

January 29 was McKinley day. Thousands of carnations were used in various ways. His bust in the post-office was decorated and G. A. R. veterans used many hundreds. The club rooms were decorated. A large majority of the citizens here were honoring the occasion by wearing carnations.

B. Stoll was in town wearing the smile that won't come off. He has a newcomer in his family, a bouncing boy.

Since the break in the weather many boiler-pits were filled with water, and

We will have a fine cut of Single and Double **Violets for Valentine's Day**

La Reine Tulips ARE FINE

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality. :: ::

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 5.00
Valley	"	3.00 to 5.00
Violets	"	.75 to 1.50
Peas	"	1.00 to 1.50
Romans	"	2.00 to 3.00
Single Daffodils	"	3.00 to 4.00
Tulips	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 2.00 "	.25

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

Mention The Review when you write.

many had to use pumps and pails. The river is rising, but we have no fear of floods.

The Fernery, on N. Charles street, has an attractive window display of various kinds of seasonable flowers.

Many private gardeners were at the different seedhouses securing early seeds for their hotbeds last week.

C. B. Hoffman, Arlington, Md., purchased from B. R. Clark about two weeks ago his range of greenhouses including stock. Fire broke out at 3:15 a. m. in one of the houses which threatened destruction of the entire range. Much difficulty was experienced in sending in an alarm. The severe weather we have had put some of the county alarm boxes out of commission and the telephone had to be used to notify the fire department. His smilax house suffered the most. About $200 damage was done. Messrs. Olers and C. Gregorius were on hand and did splendid work. After the fire was out they helped to make the necessary repairs to keep the houses from freezing. Mr. Olers' houses being close to Mr. Hoffman's, were in danger, but hard work saved them.

The ladies' night at the Gardeners' Club is being pushed in every way to make it a success. The banquet will be the most up-to-date yet held, and all the delicacies of the season will be served. Music will be one feature. A number of out-of-town guests will be there. The date set is February 11. J. L. T.

URBANA, ILL.—E. S. Dodson will build a greenhouse and will conduct it in connection with his nursery business.

ST. LOUIS.

The Market.

Trade last week was really encouraging, though cut stock was scarce and prices had been up for several weeks, especially on fancy roses, and, of course, this kept prices firm in all grades. The commission men report a good shipping trade, which shows that the shortage must be general. The retailers all report a good general trade in all lines last week. Quite a number of good funeral orders were made up. Saturday was ground-hog day, and, as the sun was shining brightly all day, the growers will have their troubles for six weeks more, as today, Monday, we are having our first real touch of winter weather. The ground is covered with snow, and it is very cold.

At the commission houses everything in the rose line is scarce and away up in price. Carnations are helping out, as quite a good many are coming in. Then the demand is heavy and a large consignment does not last long. Violets have shortened up. What are coming in are of good quality. Bulbous stock is plentiful and selling well. Ferns are up to $2.50 per thousand this week.

Various Notes.

R. W. Eastlick, representing the Bombayreed Manufacturing Co., of Columbia, S. C., has established an office at 409 Walnut street, where he will take care of the local trade on baskets, etc.

We had with us last week Arnold Ringier and J. F. Lempke, both representing W. W. Barnard Co., Chicago; Mr. Ringier calling on the seedsmen and Mr. Lempke on the florists. Both report heavy orders for bulbs and seeds and advance orders for green and holly. B. Eschner, of M. Rice & Co., also did a good week's business here.

J. J. Karins, representing Henry Dreer, of Philadelphia, is with us this week, and there are many others.

Frank Buckshot, late with Ostertag Bros., is now with the Michel Plant and Bulb Co., on Magnolia avenue.

W. C. Smith has the sympathy of the trade in the loss of his father, who died Sunday, February 3, after a lingering illness. Mr. Smith was a brother-in-law of William Edlefsen and father-in-law to H. V. Hunkel, both of Milwaukee. The funeral took place February 5 from the residence, 1716 N. Grand avenue.

C. C. Sanders has purchased seventeen acres of land on the north and south road, which will be used for young nursery stock.

D. I. Bushnell, the well-known seedsman, and who has recently visited South America, has returned home and brought back with him as a souvenir a finished Indian stone tomahawk weighing fifteen and one-half pounds.

Professor William Trelease, director of the Missouri Botanic Garden, is away on a trip to the West Indies, looking up rare plants for the garden. Mr. Trelease will be absent for two months.

John Dunford's place, at Clayton, is in tip-top shape and is loaded down with fine Easter stock of all kinds. There are thousands of Harrisii and longiflorum lilies in pots.

At A. Jablonsky's place, at Central,

Our FEBRUARY SPECIALTIES--

ACACIA PUBESCENS SINGLE DAFFODILS
WHITE LILACS FANCY MIGNONETTE
TULIPS PANSIES FREESIAS

The Leo Niessen Co.

Note our new number. WHOLESALE FLORISTS
1209 Arch Street, Philadelphia, Pa.
Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

we find his carnations all looking fine, with all the new varieties. A fine house of Boston ferns also was seen.

Charlie Kuehn and J. J. Beneke will leave February 9 for a few days' stay at Kansas City, and will take part in the state bowling tournament as members of the De Soto team.

On Monday night, February 4, six bowlers visited the De Soto alleys and rolled three games. From now on they will bowl every Monday night. The scores were as follows:

Player.	1st	2d	3d	T'l
George Schriefer	187	176	186	549
W. C. Smith	157	158	156	471
C. A. Kuehn	209	128	139	476
Fred Alves	150	154	119	423
Ed Gerlach	145	130	129	404
H. Lohrenz	166	144	189	499

J. J. B.

PHILADELPHIA.

The Rising Eastern Market.

We are enjoying the business activity that always precedes Lent, the only drawbacks being the difficulty to secure enough of certain kinds of flowers, notably roses, to fill orders. The so-called spring flowers, tulips, freesias, single daffodils, etc., have been reinforced by the arrival of double Von Sion, which is now arriving in sufficient quantities to make it possible to list it regularly. American Beauty roses are sadly deficient in the medium grade; most of the long-stemmed flowers are of good quality, while most of the short-stemmed are poor. The colder weather has improved the quality of the smaller hybrid tea and tea roses and we are now getting some good stock in limited quantity. Carnations appear to be about equal to the demand, prices being a shade firmer than a week ago. Valley is in good supply; some large orders have been filled recently. Both orchids and gardenias are less plentiful than a week ago. Freesia is fine and can now be had in all grades. Myosotis has made its appearance in limited quantities, with the probability of an increase before St. Valentine's day. Romans and Paper Whites, which have been selling unusually well, are rather less in demand than for the last two weeks.

THE Florists' Supply House of America

Novelties for Valentine's day and Washington's birthday.
EASTER NOVELTIES IN PROFUSION.

Fancy Grecian Toneware

This beautiful novelty is a distinct type of our popular antique Toneware. The vases of the Grecian style are slender, with curved lines and soft, rich coloring. The whole effect is pleasing and highly artistic. May we send you some?

Fancy Mats in all colors. New large block mats, something new and cost very little to meet everybody's demand. **Fancy Baskets,** every desirable kind of the latest styles in great profusion for plants and flowers.

TRY OUR GRASS HEADS

In general assortment. They are quick sellers. Our catalogue is free.

H. BAYERSDORFER & CO.

When you reach either railroad terminal come to 1129 Arch St., Philadelphia

Mention The Review when you write.

Sleepy Philadelphia.

It is customary to speak of the City of Brotherly Love as being a sleepy place, where business men go for a rest, despite the fact that our supply houses, seed houses, wholesale florists and plant growers supply a great part, and in some cases the whole, of this country. It now appears that our retailers have come well to the fore, as the following incident will show:

A few days ago the buyer from one of the largest New York retail stores visited this city expressly to secure one of the lace bouquet holders desired by a customer in Washington. He went straight to 1220 Race street, saw Mr. Rice personally, and stated the object of his visit. Mr. Rice told him that the entire stock had been purchased by a Philadelphia retailer and at his visitor's request, the retailer was called up on the phone, and told that a special customer desired just one of these lace bouquet holders. The retailer replied that he had none to sell, and the New Yorker was unable to secure a duplicate anywhere.

Inspiration.

Every florist feels at one time or another a depression of spirits due, it may be, to hard work, long hours, poor business, or the failure of some carefully laid plan. At such times the wise man seeks inspiration before renewing the strife. Inspiration may be obtained in a variety of ways; from a choice ballroom or table decoration, from a house of foliage or flowering plants, from a chat with another florist, and so on, according to the peculiar exigencies of the case.

I doubt if anyone in the City of Brotherly Love has given more inspiration to

Acacia Pubescens, $2.50 and $5.00 a bunch.

WHITE VIOLETS, per 100, $1.50

CATTLEYAS, - per doz, $6.00

WHITE LILAC, the finest in the country, $2.00 a bunch.

CUT BOXWOOD, 15c per lb. in cases, (50 and 100 lbs.)

We Have an Exceptionally Fine Stock of..... **Well Rooted Carnation Cuttings** From the Best Growers, As Follows:

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Craig	$5 00	$45.00	Enchantress	$2.50	$20.00	Queen	$2.00	$15.00
Victory	5.00	45.00	White Lawson	2.50	20.00	Cardinal	3.00	25.00
Haines	5.00	45.00	Harry Fenn	2.50	20.00	Flamingo	3.00	25.00
Peary	3.50	30.00	Lawson	2.00	15.00	Eclipse	3.00	25.00
Bountiful	3.00	25.00	Red Sport	3.50	24.00	Var Imperial	10.00	100.00
Goddard	6.00	50.00	Patten	2.50	24.00	Pink Imperial	10.00	100.00

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

CANNA ROOTS We offer an exceptionally fine lot, with two and three eyes, all true to name, in the finest and most profitable varieties.

PLANT NOW TO PROCURE GOOD SALABLE PLANTS FOR SPRING.

	Per doz.	Per 100	Per 1000
Alice Roosevelt. Rich crimson, 5 feet	$0.75	$5.00	$47 50
Alphonse Bouvier. Velvety red, 6 to 7 feet	.50	3.50	30.00
Alsace. Creamy white, 4 feet	.50	3.00	25.00
Alemannia. Salmon, yellow border, 4 to 5 feet	.50	3.50	30.00
Austria. Golden yellow, 4 to 5 feet	.50	3.50	30.00
Beaute Poitevine. Crimson scarlet, 3 to 4 feet	.50	3.50	30.00
Burbank. Pure yellow, very fine	.50	3.00	25.00
Charles Henderson. Crimson, 4 feet	.50	3.50	30.00
Chicago. Vermilion scarlet, 4 feet	.50	3.50	30.00
Discolor Gigantea. Red, deep border, 5 to 6 feet	.50	3.50	30.00
Duke of Marlborough. Rich crimson maroon, 4 to 5 feet	.50	3.50	30.00
Egandale. Cherry red, bronze foliage, 4 to 5 feet	.60	4.00	35.00
Express. Bright crimson, very dwarf	1.00	7.00	60.00
Fairhope. Crimson, 4 to 5 feet, (30c each)	3.25	25.00	215.00
F. R. Pierson. Scarlet, streaked yellow and yellow center, 3 feet	.50	3.50	30.00
Florida. Orange scarlet, edged yellow, 3 to 4 feet	.50	3.50	30.00
Florence Vaughan. Yellow, spotted red, 5 to 6 feet	.50	3.50	30.00
Flamingo. Crimson, 3 feet	.60	4 00	35.00
Italia. Golden yellow, crimson blotched, 5 feet	.50	3.50	30.00
J. D. Cabos. Apricot orange, bronze foliage, 4 feet	.50	3.50	30.00
J. D. Eisele. Crimson, yellow throat, 5 feet	.75	5.00	47.50
Longford. Scarlet, bordered yellow, 3 to 4 feet	.75	5.00	47.50
Louisiana. Red, very large, 7 feet, (25c each)	2.75	20 00	180.00
L. Patry. Pink flowers, 4½ feet	.50	3.50	30.00
Mrs. Kate Gray. Orange and gold, 5 feet	.75	5.00	47.50
Mme. Crozy. Vermilion, bordered yellow, 3 to 4 feet	.5	4 00	37 50
Mme. Berat. Soft deep pink, the best bedder	.50	3.50	30.00
Marshall Vailiant. A very dark red, bronze foliage	.50	3.50	30.00
Mt. Blanc. A fine white, 3 to 4 feet, (20c each)	2.00	15.00	125.00
Pennsylvania. Deep scarlet, 6 feet	.75	5.00	47.50
Philadelphia. Deep crimson, 3 feet	.50	3.50	32 50
Pres. Carnot. Vermilion, bronze foliage, 5 to 6 feet	.60	4.00	35 00
Pres. Cleveland. Scarlet, 3 to 4 feet	.50	3.50	30.00
Pres. McKinley. Brilliant crimson 3 to 4 feet	.50	3.50	30.00
Queen Charlotte. Scarlet, gold border, 3 to 4 feet	.50	4.00	37 50
Robusta Perfecta. Red, tall, dark foliage	.50	3.50	30.00
Shenandoah. Pink, bronze foliage, 4 feet	.50	3.50	30.00

Don't Compare the Cannas Offered Above, with Low Priced Inferior Roots

Send for our New Wholesale Florists' Seed Book.

HENRY F. MICHELL CO.

1018 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

his fellow florists than has Robert Craig. Florists all over the country will endorse this statement. Little florists and big florists, old and young, rich and poor, have sought inspiration from him during twenty-five years and more. Rarely have they gone away without seeing or hearing something that inspires them with fresh courage to renew the good fight. I well remember the time when I needed that courage often, and, while increase of responsibility begets greater self-reliance, the pleasure is even keener on the rare occasions when time and tide favor a call at Forty-ninth and Market streets.

It was on one of these visits that I got a few ideas from Mr. Craig that may interest REVIEW readers. One, the propagation of Adiantum hybridum, has already appeared in this column.

Mr. Craig is devoting especial attention this season to roses for Easter and spring sales. His collection includes novelties and standard varieties of the highest merit. Of the former, Annie Muller, a dwarf cluster rose, is considered very promising. While it is risky to talk about a plant one has never seen in bloom, it appears to be in pink about what Baby Rambler is in red. Wiegand's Rambler is another novelty highly esteemed by the London growers, who consider it very superior. Tausendshon (Thousand Beauties) is a cluster rose with much larger flowers than Crimson Rambler, which, nevertheless, is here in quantity and will make a hard fight for supremacy at Easter. Lady Gay and Dorothy Perkins, two fine pink cluster forcers, are also here in numbers. The former is believed to be the better sort.

All the other Easter plants are being grown in quantity. Mr. Craig believes the early Easter will interfere but little with the production of choice stock in ample time, barring possibly one or two of the less responsive varieties to be flowered.

In decorative plants Ficus pandurata has made itself a place in Mr. Craig's heart and in his houses. It looks well, and will look better as the young stock comes along. Dracæna Pere Charon—the ancients say he will see us safely across the deep, swift river, you know—is beautiful, resembling a highly colored Dracæna terminalis with broader foliage. There were many other interesting things and much interesting talk, including Mr. Craig's opinion in Nephrolepis Amerpohlii. "I think," he said, "Will was fortunate to get it." The Will referred to is Mr. Craig's son, William P. Craig, who owns half the stock of this promising fern.

Club Meeting.

The carnation meeting of the Florists' Club of Philadelphia, held February 5, was well attended. Among the speakers were J. E. Haines, Bethlehem, Pa.; E. A. Stroud, Overbrook, Pa.; W. A. Manda, South Orange, N. J.; J. A. Valentine, Denver; A. M. Herr, Lancaster, Pa.; Wm. Swayne, Kennett Square, each of whom added much to the pleasure of those present.

John E. Haines, Bethlehem, brought fine Imperial, Pink Imperial and Haines. H. Weber & Sons Co., Oakland, sent Mabelle, a promising commercial pink. Charles Leisy, of Wenonah, made a fine exhibit of Enchantress and a number of choice seedlings. H. P. Potter, of Wilmington, sent a striped seedling. W. A.

YOU WILL NEED MANY **VIOLETS**

FOR ST. VALENTINE'S DAY

You can get what you want of us. We have the goods at all times.

TULIPS
Now ready in good quantity, all colors.

VALLEY
We can always supply your needs.

Would like a share of your business

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36-inch	$5.00 to 6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Teas)	Per 100
Bride and Maid	$7.00 to $12.00
Richmond	6.00 to 12.00
Golden Gate and Uncle John	6.00 to 12.00
Chatenay	6.00 to 12.00
Roses, our selection	6.00
CARNATIONS	2.00
" fancy	3.00
" extra fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	1.00
Violets, single	.75 to 1.00
Harrisii Lilies, per doz.	2.50
Callas, "	2.00
Valley	4.00
Paper Whites	3.00
Romans	3.00
Tulips	3.00 to 4.00
Daffodils, Jonquils	4.00 to 5.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35
Adiantum, per 100	1.00
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE.

Manda brought a pink seedling. The Strafford Flower Farms staged Beacon, Lieut. Peary and others in fine form. John Kuhn showed his pink variety and a seedling. Samuel Batchelor, gardener to C. B. Newbold, brought wonderful Enchantress and fine bougainvillea.

Various Notes.

The Leo Niessen Co. is spending its last week at 1217 Arch street. Next Monday they will open in their commodious new quarters at 1209 Arch street.

The following item was written for this column on Monday afternoon: "Horace T. Dumont has withdrawn from the wholesale commission business, accepting a position with an outside firm. The entire business of his firm, Dumont & Co., will be carried on by Berger Bros., who will move from their present quarters, at 1237 Filbert street, to the quarters now occupied by Dumont & Co., at 1305 Filbert street." Monday night Dumont & Co. were burned out, with no insurance. Therefore the Berger deal is off.

John Lees, of Frankford, is sending some exceptionally fine scarlet tulips, Belle Alliance, much prized at St. Valentine's, and double Von Sion, to W. E. McKissick.

J. A. Valentine, of Denver, Colo., is a visitor in town this week.

Stockton & Howell, of Princeton, N. J., will add one large house to their present rose-growing establishment next summer. This house will be used for Richmond. Bride, Bridesmaid and Beauty are now their mainstays.

P. J. Lynch, secretary and treasurer of the Dingee & Conard Co., Westgrove, Pa., addressed the Washington Florists' Club last Tuesday evening on behalf of the American Rose Society.

Wm. McPhee, of the Dilworth Floral Co., Charlotte, N. C., was a visitor in town this week.

M. J. Brinton, of Christiana, Pa., is sending well grown freesias to W. J. Baker.

The Leo Niessen Co. is receiving bunches of the pretty Acacia pubescens from W. & Harry F. Evans, Rowlandville, Pa.

C. L. Fisher, of Atlantic City, N. J., was a visitor recently. Mr. Fisher was in search of material for a large decoration.

John E. Haines, of South Bethlehem, Pa., read an interesting paper on his experience with carnations before the Florists' Club Tuesday evening February 5. This paper will be found elsewhere in this issue.

Charles Smith, of Harrisburg, lost his store in the opera house fire.

Charles F. Edgar's friends will be glad to know he is with the Leo Niessen Co.

At North Wales, 1,800 boxes of glass have arrived for the Florex Garden's big new house.

ARE YOU SATISFIED

with the way your flowers look when you send them out? Wouldn't they look better if the Ribbons matched better, or if the quality was better?

Ever Try Pine Tree Ribbons?

They match better, for the silk in the skein is dyed to match the general run of flowers and foliages. And the quality is better, and yet you pay less. You cut out the commission house, and the jobber, and **Save All Between Profits.**

The Pine Tree Silk Mills Company

Philadelphia

Office and salesrooms, 806-808-810 Arch St., 52-54 N. Eighth St.
All widths of Ribbons, all kinds of Ribbons. Ribbons low in price. Ribbons high in quality. Satin Ribbons, Taffeta Ribbons, Messaline Ribbons, Fancy Ribbons. Send for samples.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

62. What is meant by the note, "Thomas Meehan is receiving exceptionally fine Beauties with the trademark double H double B on the foliage?"

This should have read the S. S. Pennock-Meehan Co., and was intended to convey the idea to the initiated whence came this choice stock.

Referring again to question No. 60, I am afraid the grower is too far off to ship the sweet peas satisfactorily during the heated term. PHIL.

The funeral of Thomas Meehan, Jr., son of Thomas B. Meehan, Germantown, was held February 1. The services were conducted at the house by the Rev. John C. Calhoun, pastor of the Mt. Airy Presbyterian Church. Interment was in Ivy Hill cemetery. Young Meehan, who was 9 years old, died January 28 in the Germantown hospital from injuries received in a fall from a third-story window of his home.

ATCO, N. J.—The Peacock Dahlia Farms, incorporated, has for president, M. L. Peacock. The secretary and manager is L. K. Peacock.

VIOLETS ....FOR.... **St. Valentine's Day**

We are handling the finest Rhinebeck doubles and the fragrant, home-grown singles. Place your St. Valentine's order with us. We are headquarters.

CARNATIONS and BULB STOCK in Large Supply

VAUGHAN & SPERRY, 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

Headquarters for **Best Roses**

and all other stock in season now removed to Room 202, on the second floor of the Atlas Block, cor. Wabash and Randolph, where we shall be better fixed than ever, and just as anxious to serve our customers.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

BOMBAYREED Window Boxes AND Jardinieres



are the best on the market; largely handled by leading florists. We want YOU to know our full line. YOU can use it. Prices low and inviting.

Write today for sample, price list and interesting catalogue—all sent prepaid.

Bombayreed Mfg. Co.
Columbia, S. C.

Mention The Review when you write.

BOSTON.

The Market.

Roses are slowly recovering from the scarcity which has prevailed for several weeks. They are none too plentiful yet, however, and prices hold up well. Carnations are rather more abundant and prices have weakened somewhat. Violets are procurable at 25 cents and upwards. Growers of best singles are getting 50 cents to 75 cents. Daffodils are more abundant and sell a trifle lower. They clean out well. Golden Spur and double Von Sion are leaders. Campanulas are quite plentiful. La Reine continues the leader in tulips, which are also meeting with good sales. Easter lilies and callas are each in rather short supply and prices rule firm.

Some fine mignonette is arriving. The best realizes $1 per dozen. Pansies, primroses, wallflowers and other early spring flowers are seen. There is a fair demand for lily of the valley. Best sweet peas still make $1.50 per hundred and sell readily. Prices on green stock remain about the same.

Pot plants are meeting with a better sale. Cyclamens, Dutch bulbous stock and azaleas are the three leaders. Lent will soon be here, and some slump in price is likely then, with the dropping of social festivities.

Various Notes.

The lecture by George T. Powell on "The Renovation of an Old Apple Orchard" drew a large audience to Horticultural hall February 2, every seat in the lecture hall being taken. The numerous questions asked proved that the subject was of great interest to the audience.

William Whitman, M. Sullivan gardener, received a cultural certificate for a splendidly flowered specimen plant of Cattleya Trianæ at Horticultural hall February 2.

Prospects are bright for an attractive list of special prizes at the chrysanthemum show next November.

Some exhibits of new carnations and other interesting features will be included in the next club meeting program, February 19, which all should plan to attend.

William C. Rust, of Brookline, was operated on for appendicitis February 3. At last report he was doing nicely, and we hope for his early convalescence.

S. J. Goddard and others visited C. W. Ward's establishment on their way home from Toronto, and found everything in grand condition.

William Nicholson visited Richmond, Ind., after the convention and will accompany home Mrs. Nicholson, who was visiting there.

J. W. Duncan is the lecturer at Horticultural hall on February 9 and should have a large audience.

Frank J. Dolansky, of Lynn, is producing quantities of the finest Mont Blanc sweet peas we have seen in winter. They meet with quick sales at the Park street market.

An arrangement of white lilac and

WE ARE HEADQUARTERS FOR

CARNATION BLOOMS

In Cincinnati.

Other Cut Flowers in season.

GREEN GOODS, SPHAGNUM and GREEN MOSS, WIRE WORK for Florists.

Place your order now for **Begonia Gloire de Lorraine,** 2¼-in pots, June delivery. $12 00 per 100; $100.00 per 1000.

CARNATION CUTTINGS,

Rooted or Unrooted.

Send a list of your wants for prices.

WILLIAM MURPHY,

Wholesale Commission Florist.

128 East Third Street, CINCINNATI, O.

L. D. Phones—M 980. W 81 Y

Mention The Review when you write.

Enchantress carnation made a pleasing effect in Doyle's Boylston street store last week.

With Framingham Growers.

J. T. Butterworth continues to add to his orchid collection, and now has several houses devoted to their culture. From present indications his entire place will be needed to hold them before long. Cattleyas are chiefly grown and are in first-class condition. Many big specimens are to be noted of C. Gigas, Mossiæ, Percivalliana, Trianæ, labiata and others. We counted no less than twenty-five sheaths on one C. Mossiæ in an 8-inch pot. C. Harrisoniæ is grown in quantity and proves a valuable summer sort. C. Trianæ was the principal kind flowering when we called, but the flowers would not open fast enough for the demand. Some fine Lælia anceps were flowering. A pure white form with flowers five and a half inches across was one of the finest we had ever seen. Dendrobiums, Cypripedium insigne, cælogynes and other orchids are equally well grown. Most of the cattleyas are in baskets and osmunda firm fiber is used for compost. Bulbous stock is largely grown, all the leading narcissi and tulips being handled in quantity. Lily of the valley is done especially well. Carnations looked well. The Queen was excellent and Harry Fenn, Enchantress, Fair Maid and Patten were producing a heavy crop. Mr. Butterworth has much faith in Hammond's slug shot as a destroyer of cut worms. Dusted on plants and soil, it cleans all out in a week. A large lot of Lilium speciosum album from retarded bulbs was just coming into bloom and will prove extremely useful.

At S. J. Goddard's we found a large proportion of the variety, Helen Goddard, cut down to supply cuttings, the demand for it being heavy this season. Enchantress remains as fine as ever. Harry Fenn was splendid, as was Victory. Cardinal had many fine flowers. The Queen was loaded with flowers and Lady Bountiful was equally good. Patten will be dropped, as it is too slow in winter. Mr. Goddard has a batch of a fine variegated seedling, Helen Goddard x Enchantress, which looks like a winner. Other promising seedlings were seen. Rose-pink Enchantress was nice. The demand for cuttings is strong. Last year many were shipped to England and large orders are coming in from that country at present. Mr. Goddard will try the new English scarlet, Britannia, which beat Victory and Robert Craig in London last December. Nice batches of cyclamens, azaleas and other seasonable flowering plants were noted. These are mostly sold at retail.

William Nicholson has as fine Harry Fenn as we ever saw. Harlowarden will be dropped. The Queen and Lady Bountiful are leading whites. A white seedling of Witterstaetter's is immense. Afterglow is fine and of a beautiful rosy-pink shade. It should prove a popular variety when introduced. Victory was producing splendid flowers. Robert Craig carried a great crop, but was bursting badly. Beacon will be grown in quantity another year. Quite a few Prosperity are still grown. It does extremely well here. Enchantress was much better than Fair Maid. Patten is grown as a striped variety and succeeds well. Two houses were filled with white and yellow marguerites, which should give a wealth of Easter flower. Fischer's Purity freesia in pans was extra fine. Fine lots of violets, Primula obconica and cyclamens were seen. A batch of 50,000 shamrocks was in evidence for St. Patrick's day.

Alexander McKay, who has not been in business long, grows about 12,000 carnations, chiefly The Queen, Fair Maid, Enchantress, Patten and Harry Fenn. All were in first-class shape. Several thousand Lilium longiflorum were coming on for Easter. Freesia is grown in considerable numbers. No other stock is grown, but Mr. McKay has done wonders for the time he has been in the commercial line.

At Johnson & Nelson's, which was the last place we had time to visit, the principal house is 23x370, mostly in carnations. They are grown in solid beds and could hardly have looked better or carried more flowers. A seedling, Lawson x Prosperity, of which there were 2,500 plants, is a good thing. We failed to find a burst calyx. The stem is long and stiff, flower a little lighter than Lawson and of a much more pleasing shade. The Queen, Enchantress and Fenn were the chief standard sorts grown, and Lawson looked better than we had seen it for a long time. Another house was chiefly devoted to Mont Blanc and Earliest of All sweet peas, three rows running the whole length. As many as 1,400 spikes a day are cut, and the quality was excellent.

W. N. Craig.

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SITUATION WANTED—By young man with two years' experience at general greenhouse work; good reference; state salary. Address No. 63, care Florists' Review, Chicago.

SITUATION WANTED—March 1st, by a single sober, all-round man on private or commercial place; 16 years experience. Address No. 64, care Florists' Review' Chicago.

SITUATION WANTED—By single man, 15 year's experience. Good grower of roses, carnations, mums and general stock; capable of taking charge of growing, or under foreman; reference. Address 4914 Charles St., Madisonville, Ohio.

SITUATION WANTED—On private place with greenhouses; a good grower of roses, carnations, mums, bedding plants, tomatoes, cucumbers and mushrooms, under glass; place at once. Address Macan, 28 High St., N. Braddock, Pa.

SITUATION WANTED—By young, experienced florist; good grower of cut flowers and plants, desires position in southern states, Texas prefered. Address No. 57, care Florists' Review, Chicago.

SITUATION WANTED—By a young, single man; carnations and roses a specialty; has references; kindly state wages and full particulars in first letter. Address No. 59, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman by a practical grower and propagator of roses, carnations, mums and general stock; capable of managing a large place; good wages expected; references O K. Address No. 54, care Florists' Review, Chicago.

SITUATION WANTED—By an experienced gardener; expert greenhouse man; specialist in roses and carnations; will accept position immediately; will go to any city within radius of 150 miles from Buffalo, N. Y. Address F. J., 1081 Broadway, Room 1 Buffalo, N. Y.

SITUATION WANTED—As working foreman by a practical grower and propagator; sober and honest; 22 years' experience in general line of cut flowers, roses, carnations and pot plants, bedding and tropical plants; capable of taking charge of a large place; good wages expected. Address No. 65, care Florists' Review, Chicago.

SITUATION WANTED—As foreman for prominent landscape architect or manager landscape department of large nursery; graduate of I. C. S. of C. E. as surveyor; competent to lay out, compute area, obtain levels, grades, drainage, road building, also detail, topographical mapping; 14 years' experience as head gardener; understands the habits, requirements and proper handling of horticultural subjects as to most advantageous location and soil requirements. Address No. 66, care Florists' Review, Chicago.

HELP WANTED—Wire worker; good position, best wages. Address Pittsburg Florists' Exchange, 15 Diamond Square, Pittsburg, Pa.

HELP WANTED—Steady, sober man; must be good grower of carnations and general stock; $30 with board. Address Anton Krut, Butler, Pa.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Salesman acquainted with the trade to carry side line, pocket sample; quick seller; large profits. Address The Covington Seed Co., Covington, Ky.

HELP WANTED—A florist for general greenhouse work; single man; German perferred; Wages $35.00 a month with board. Saxe and Floto, 205 So. Main St., Waterbury, Conn.

HELP WANTED—A man to take charge of 20,000 ft. of glass, or man with some experience willing to learn; state wages and give reference. Address The Goshen Floral Co., 108 E. Washington St., Goshen, Ind.

HELP WANTED—Competent man experienced in the growing of A-1 cut flowers and plants, design work, etc.; on place 15,000 feet of glass; must be handy with tools; steady position. Address Sterling Floral Co., Sterling, Ill.

HELP WANTED—Experienced man for gardening and florist work; one who is not afraid to work; an all-round man; wages from $25.00 to $30.00 a month, with room and board. Address Faber Bros., R. F. D. 4, Kankakee, Ill.

HELP WANTED—Steady, sober, industrious young man, for general greenhouse work; state age, experience, references and wages wanted per month with board. Hugo Book, Worcester, Mass.

HELP WANTED—First-class carnation grower at once, for modern place; if not up-to-date don't answer; state wages expected. Address Miami Floral Co., Geo. Bartholomew, Mgr., Dayton, Ohio. R. R. No. 11.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—An experienced nurseryman, familiar with all kinds of ornamental stock, some knowledge of landscape work and accustomed to managing men; give full particulars and state salary expected. Address No. 49, care Florists' Review, Chicago.

HELP WANTED—For private party, experienced man for general gardening in and outdoor work, lawns and bedding plants; must have southern experience and willing to work; salary $75.00 per month; married man preferred. Send references to J. D. Pruessner Florist, Galveston, Texas.

HELP WANTED—Working foreman to take charge of 35,000 feet of glass devoted to cut flowers and plants for retail trade; must be specialist in cut flowers; men of roving disposition need not apply; give references (stating length of service with each employer), and state wages in first letter. Address South Bend Floral Co., South Bend, Ind.

WANTED TO RENT—5000 feet of glass or more; New England, Maine preferred; March or April. Address No. 51, care Florists' Review, Chicago.

WANTED—To rent, with the privilege of buying, a commercial place; must be in good condition; near market in Pennsylvania. Address with full particulars No. 60, care Florists' Review, Chicago.

WANTED—To rent greenhouses or florist to go in partnership with owner, 11,000 sq. ft. glass full of roses and carnations. Boiler large enough to heat 2 more houses, good market for flowers. A. G. Belinder, 3923 Baltimore Ave., Kansas City, Mo.

WANTED TO RENT—After Easter, greenhouses, about 15,000 square feet glass, with from two to five acres of ground; must have good water and soil; for a term of three to five years, with option of buying within that time; state full particulars. Address No. 39, care Florists' Review, Chicago.

FOR SALE OR RENT—Four greenhouses, with cottage houses stocked with carnations and pot plants; immediate possession; would take partner. John Riemersma, 7111 Indiana Ave., Chicago.

FOR RENT OR SALE—Five greenhouses, 10,000 feet of glass; 3 acres of ground; 6 miles from Philadelphia, main line of Pennsylvania R. R. Apply Chas. F. Krueger, Reading Terminal, Philadelphia, Pa.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month. Address No. 5, care Florists' Review, Chicago.

FOR SALE—Cut flower business, greenhouse and residence; water heat. 148 W. 24th St., near Western Ave., Chicago.

FOR SALE—3000 feet of glass; big money in it for the right man, but he must have some money; don't write unless you mean business. Address No. 62, care Florists' Review, Chicago.

FOR SALE—Greenhouse 7 room house, barn, ¼ acre lawn; in winter resort 1¼ miles to postoffice; electric light on street; good market for flowers; $2000: lots adjoining, 50x150, $350 each. Address No. 58, care Florists' Review, Chicago.

FOR SALE—McCray florist refrigerator, No. 675; length 60 inches; depth, 31 inches; height, 74 inches; used four weeks last spring; change in store location put it out of business. Address R. D. Backus, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Five new greenhouses, containing 20,000 square feet of glass, in operation one year; four hours from Pittsburg, Cleveland, Erie and Buffalo; good central location. For particulars, write Henry F. Michell Co., Philadelphia, Pa.

FOR SALE—Greenhouse; 4000 feet of glass, 7-room residence, barn, three lots for summer work; city water and sewer connections; natural gas for fuel (no night fireman); cut flower trade in city of 1200. Address Iola Greenhouse, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Beautiful Florida Home, 2 miles from town, with nursery and grove business, well established, netting over $2000 last year, $1500 cash; and nursery trees for balance. Death in family makes change necessary. South Florida Nurseries, Date City, Fla.

FOR SALE—The Tipton Greenhouses; only greenhouse in county; county seat; appreciative people; two railroads; over 3000 feet of glass; new; well stocked; fine opening for good florist; best of reasons for selling. J. K. Shiffer, Tipton, Iowa.

FOR SALE—Greenhouse plant—40,000 square feet in good order, steam heat; abundant water supply; brisk wholesale trade, stocked with roses, carnations, sweet peas, smilax and bedding stock; will be sold without farm land—20 acres—if so desired; outside city boundary; taxes are small; modern eight-room house, good cellar, barn and all buildings in good order; located conveniently to Albany, Troy and Schenectady; good reason for selling; trolley line passing. For information write to P. O. Box 486, Troy, N. Y.

FOR SALE—22,000 square feet of glass, consisting of four houses 60 x 220, 100 x 28, 100 x 18, 100 x 10, and boiler house 16 x 20; water free with a gasoline pumping engine; houses are in good repair and well stocked; this place is 60 miles from Philadelphia, Pa., and 78 miles from New York City; there are 9¼ acres of ground to the place; carnations are a specialty with a general line of other stock; situated in a city with 40,000 inhabitants, trade good and the store sells everything that is grown; reason for selling, the owners have other business interests; place can be bought for $7000, terms $3000 cash, balance to suit the purchaser. For further information address No. 55, care Florists' Review, Chicago.

FOR SALE

A well-established greenhouse plant consisting of 14,000 sq. ft. of glass, steam heat. Enough coal on hand to finish season. Houses stocked with carnations, roses and general line of bedding plants. Two houses built new last year. City water. Have a first-class retail and shipping trade. No opposition within 15 miles. Last year's sales amounted to $4,000. Location, central Indiana. Price, $3,000; $1,400 cash, balance on any time you want. Best of reasons for selling. Address No. 56, care Florists' Review, Chicago.

For Sale Greenhouse plant, consisting of 7 houses, 17,000 feet glass, heated by hot water system, in good condition; built three years. Same is stocked with carnations, some callas and geraniums. Two and one-quarter acres of ground, with nice modern residence, 6 rooms and bath. 12 miles from city limits of St. Louis, Mo. Reason for selling, other business will require my attention in spring. **Address No. 43, care Florists' Review, Chicago.**

Wanted, Landscape Gardener and Florist

to handle **Pure Kentucky Lawn Grass Mixture** and Kentucky Blue Grass Seed direct from the blue grass state. Big profits. Write now.

THE COVINGTON SEED CO., Covington, Ky.

FOR SALE—An attractive flower store in good location; large, sunny living rooms; just the place for man and wife. Address No. 52, care Florists' Review, Chicago.

FOR SALE—Heller seed case, good as new, 11 inches deep, 28 inches wide, 55 inches high; contains 57 metal drawers; price $15.00 crated; cost $30.00. H. F. Drury, Galesburg, Ill.

FOR SALE

Greenhouse plant of 25,000 feet of glass; an up-to-date place, heated by steam and cheap fuel; the houses are in good condition, well stocked with everything for wholesale and retail trade; also Flower and Seed Store with fixtures, seven-room house and eight acres of land; if desired, will sell half interest or lease the plant for term of years. This is an excellent opportunity and is worth investigating. Address No. 48, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8'½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**

51 Erie Street, Chicago

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (8000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

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Price, $5.00 a copy, carriage charges prepaid.



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, **$2.50 per case.** The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

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Good and full, 5c and 6c per yard.

BRANCH LAUREL, 50c per bunch.

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BOXWOOD, 20c per lb.; 50 lbs., $8.50. GALAX, Bronze and Green, $1.25 per 1000. LEUCOTHOE SPRAYS, $1.00 per 100; $7.50 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.

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FERNS

Largest stock of any dealer in the trade. Fancy and Dagger, $1.25 per 1000.

ROBERT GROVES

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Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Galax Leaves
Per 1000.....$1 00 Per 5000.....$3.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per lb.....15c Per case.....$6.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00

Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist

36 East Third St., CINCINNATI, OHIO

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CINCINNATI.

The Market.

In all our experience in the business we have never seen stock so scarce as at present, and never have prices ruled any higher. Christmas is not in it, or, in fact, any other holiday. Stock is so scarce that every bloom is picked up in such a hurry that the buyers do not even stop to ask the price, but pay whatever is charged and have not a word to say. This latter fact is, to say the least an unusual one. We have all been expecting a shortage of stock, but we did not look for it to be so severe as it is. The unusual weather conditions are, of course, the cause of it all, and with the kind of weather we are having at present there is little chance of a change in conditions for some time. Bulbous flowers are the only ones with which we can come anywhere near filling orders. There is a fair supply of narcissi, Romans, tulips, valley, etc.; just about enough to go around. The price on this class of flowers has taken a decided brace and they are bringing good money all along the line.

As might have been expected, there is a big out-of-town demand, and many are the orders which have to be turned down. The wholesalers have their troubles, and the only thing they can do is to divide up the stock, giving each customer his proportion.

Various Notes.

Saturday evening, February 9, the regular monthly meeting of the Florists' Society will be held. From all indications it will be a well-attended meeting, as the committee which has been studying over the advisability of holding a first-class flower show next November in this city will make its report. That this city is ripe for a good, big flower show goes without saying, and it would appear that next November would be an opportune time for it, owing to the fact that it is understood that Indianapolis will not hold a show at that time. Such being the case, Cincinnati will have almost a clear field and will be assured of having the proper kind of goods on exhibition if the proper prizes are offered. But holding an up-to-date flower show at the present time is no small matter and requires a backing of $4,000 to $7,000. I believe, though, that with the proper man at the head, who would have charge of all details, there would be no question but that a show could be made to pay in this city, and to pay big. There would be some money to be made out of it were is properly handled.

J. M. McCullough's Sons, and also J. Charles McCullough were put to considerable annoyance by the recent high water, to say nothing of financial loss. The latter firm was obliged to move its offices to the northeast corner of Third and Walnut streets, in the Masonic Temple, and they have decided to remain there until the busy season is over. As the river rose they were obliged to move some 11,000 bags of grass seeds, which was no small matter. A large wholesale grocery warehouse in the neighborhood was undermined by the water and was wrecked.

Charles Pfeiffer, who has a fine greenhouse plant near Ft. Thomas, Ky., will open a retail store in Newport, Ky., in a short time. At present he is selling his output at the flower market. He will not give up his stand in the market.

C. J. Ohmer.

TWIN CITIES.

The Market.

The extremely cold weather has hurt business the last week. Some orders are received by phone, but not a sufficient number to make up for the trade that is lost by the cold. Stock has taken a decided brace, and the growers are sending in as fine a quality of roses as we have had this season. Although it has been bitterly cold, we have had a great deal of sunshine, and stock has come along in fine shape.

The greenhouse owners are beginning to complain of the large amount of fuel they have to consume, and, as we are promised six more weeks of severe winter, according to the groundhog, it is but natural to expect a material advance in prices on everything.

Easter stock looks well. The lilies are fine and from every appearance more are being grown than in any previous year. In some cases they have figured on at least a twenty-five per cent better demand than last year. Hydrangeas and spiræas are about the only plants that are not grown so extensively as in the

Green Carnations

Free sample bottle of the fluid or $1.00 per quart can.

NATURAL GREEN CO., - - Kansas City, Mo.

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Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

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Very Best Quality Bronze and Green Galax Leaves $6.00 per case 10,000

Beautiful Bronze Leucothoe Sprays..$0.60 per 100
" Green " " .. .50 per 100
Rhododendron Sprays, very choice... 1.50 per 100
Fancy and Dagger Ferns.....$2.00 per 1000
I guarantee all stock satisfactory.

E. H. HITCHCOCK, Glenwood, Mich.

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..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy.....70c per 1000
Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

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COMING Get Ready for ST. PATRICK

Emerald Green Coloring, the best for Carnations. Ready for use, $1.00 per quart.

Manchester Chemical Co.

2804 Manchester Ave., ST. LOUIS, MO.
Phones, Kinloch, Central 5313; Bell, Beaumont 84
or C. A. KUEHN, 1122 Pine St., St. Louis, Mo.

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GREEN Carnation Fluid

For coloring white carnations green for St. Patrick's Day, price, $1.00 per bottle. **Write today** for **Free Samples** with full instructions.

Edwards & Co., Newport, Ky.

Mention The Review when you write.

past. The slow sales on these varieties a year ago undoubtedly is the reason. The supply of Baby Ramblers and azaleas seems to be about equal.

St. Paul.

William Swanson, who was reported in last week's issue as being bitten by a mad dog, left for Ann Arbor, Mich., February 2 for treatment. While there were no symptoms of hydrophobia, he considered it advisable to take the treatment rather than take any chances. Gus Anderson, driver for L. L. May & Co., was also bitten by a mad dog and may be compelled to start for the same point.

C. F. Vogt says funeral work is the only thing which compels him to keep his store open. Trade in loose cut flowers and plants is at a standstill.

The Ramaley Floral Co. has been favored with many orders for designs. Stock, they report, is hard to get.

Two of our growers were looking over



Fancy or Dagger Ferns

$1.25 per 1000.

Galax, Bronze or Green

75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases, $8.50.
LAUREL FESTOONING, 4c. 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Telegraph Office, NEW SALEM, MASS.
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CROWL FERN CO., MILLINGTON, MASS.

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FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.

ALSO DEALER IN

Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

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SPHAGNUM MOSS AND PEAT

We will ship on receipt of $2.10 one 10-bbl. bale of selected moss, or for $2 60 we will ship one 10-bbl. bale of selected moss and one bbl. sack of our peat as samples, showing the quantity and quality of our goods. We have a large lot of new selected moss on hand and best grades of peat. Our prices are low. Before placing your order elsewhere write for prices.

AMERICAN MOSS AND PEAT CO.
Corlis Bros., Props., **Waretown, N. J.**

Mention The Review when you write.

E. F. Lemke's cut of single violets and, in particular, commenting on the size of the flowers. A remark was made that one would cover a silver dollar. Upon spreading it out it was found quite true. Such fine violets have not been seen in this section for many a year. The stems are fully twelve inches long. It goes without saying that Mr. Lemke has no trouble selling them. FELIX.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

SAGINAW, MICH.—The William Roethke Floral Co. opened its new store at 200 South Michigan avenue January 26. It is a model store in every way and is supplied from the company's large greenhouses on South Washington avenue.

VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

SEED FROM GROWER TO PLANTER

Tomatoes	Per lb.	Peppers	Per lb.
Livingston's Globe	$2.00	Neapolitan	$1.50
Chalk's Early Jewel	1.75	Genuine Ruby King	1.50
Burpee's Matchless	1.50	Bull Nose or Bull	1.25
Spark's Earliana	1.75	Golden Queen	1.50
Dwarf Champion	2.00	Golden Dawn	1.25
Salvia Splendens	10.00	Golden Upright	2.00

New York Improved Spineless Purple Egg Plant 2.00
Extra Early White Spine Cucumber .50
Hubbard and Boston Squash .50

T. B. TURNER, Swedesboro, N. J.

Mention The Review when you write.

Walters' Improved Telegraph Cucumber

the finest flavor and most prolific grown; as supplied to the largest English growers; disease unknown; per oz., $4.00; price per lb. on application.

A. A. Walters & Son, Bath, England

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

FARQUHAR'S PERFECTION

FORCING CUCUMBER

A much improved strain of White Spine, long, smooth, rich green, robust, 10 days earlier than the old strains and more productive. Unequalled under glass. Pkt., 25c; ¼ oz., 35c; oz., $1; ¼ lb., $3; lb. $10. Write for complete catalogue.

R. & J. FARQUHAR & CO., BOSTON, MASS.

Mention The Review when you write.



Lambert's Pure Culture
Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen
Practical instructions on "Mushroom Culture" mailed free on application.
American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

Vegetable Growers should

Send 5 Dollars

for a swivel wheel and 20⅛-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself the **Wittbold Watering System,** or send for circular of testimonials.

Louis Wittbold, 1708 N. Halsted St., Chicago

Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

Vegetable Forcing.

PLEASE send THE REVIEW the names and post-office addresses of those in your vicinity who grow vegetables under glass.

VEGETABLE MARKETS.

CHICAGO, Feb. 6.—Cucumbers, $1.65 to $2 doz.; leaf lettuce, 35c to 40c case; radishes, 35c to 60c doz. bunches; tomatoes, 25c to 35c lb.; spinach, 50c to 75c box; mushrooms, 40c to 75c lb.

NEW YORK, Feb. 5.—Mushrooms quite plenty and moving rather slowly. Asparagus selling well. Cucumbers steady. Lettuce generally poor. Mint scarce. Radishes firm. Rhubarb plenty and weak. Tomatoes quiet. Asparagus, 50c bunch; beet tops, 75c to $1 bu.; cucumbers, 75c to $1.75 doz.; lettuce, 50c. to $1 doz. heads; mushrooms, 35c to 65c. lb.; mint, 50c to 75c doz. bunches; radishes, $4 to $5 per hundred bunches; rhubarb, 25c to 50c bunch; parsley, 15c doz bunches; tomatoes, 15c to 30c lb.

BOSTON, Feb. 4.—Cucumbers, $4 to $12 box; radishes, 35c to 40c doz. bunches; parsley, $1.25 to $1.50 box; lettuce, 50c to 75c doz; escarolle, $1 doz.; romaine, $1 doz.; tomatoes, 20c lb.; dandelions, $2 box; rhubarb, 6c to 8c lb; mushrooms, 40c to 75c lb; asparagus, $3 doz. bunches.

CAULIFLOWER.

Cauliflower, like lettuce, succeeds best when planted in a solid bed. In raised benches the growth is not so free. Consequently the heads are usually smaller. We have, however, seen some good crops matured on raised benches. It has the advantage over lettuce in not being subject to attacks of fungus diseases, such as leaf-burn, stem-rot, etc. The only time fungus troubles the plants is in the early stages of growth, either in the seedling box or just after the first pricking out, but with a little judgment in watering and handling the plants the trouble is not hard to overcome.

The relative virtues of the different strains or varieties is a matter on which opinions differ considerably. The main essentials in a forcing cauliflower are earliness, dwarfness, compactness and whiteness of head. Several varieties, or rather strains of early dwarf cauliflowers, are found on the market, so many, in fact, that it is rather a hard matter to know just where we are at. Nearly every country seed store has a cauliflower bearing its name, most of them being either the plain Dwarf Erfurt or a selection from that old standard variety. Where the matter of selection has really been carried out judiciously, the advantage of the strain is often quite pronounced, but the only way to know what is in the strain is to try, and keep trying until the best has been procured, and then stick to it and the house that is sending it out.

Successional plantings may still be made indoors and plants should be kept coming on for planting in coldframes as soon as the weather becomes sufficiently warm. Sowings should also be made from this time on to procure plants for outdoor planting. It is better to have them started in time and let them come along slowly, thus procuring nice, firm plants and allowing plenty of time to get them well hardened off.

Crops nearing maturity in the greenhouse can be considerably assisted by feeding now that the days are getting longer and brighter. Being a healthy feeder they are not very particular what form of food is given, but to get the full benefit of the manure applied it is necessary to give something that will act quickly and apply it in a liquid form. Nitrate of soda makes a good article for this purpose, but when waste from the barnyard can be procured it is hard to beat. Sheep manure can be procured, from which a good liquid can be made, but the nitrate of soda or something of that nature being cleaner and quicker in action, is preferable to the sheep manure article. Of course if the soil is of good quality, the crop may

Vegetable Seeds

Prices to Market Gardeners

	¼-lb.	lb.
SPECIAL CUCUMBERS		
Landreth's extra early W. Spine	40c	$1.00
Extra early Arlington W. Spine	50c	1.25
Landreth's extraordinary W. Spine	60c	1.50
Landreth's Long Green Gherkin	60c	1.50
SPECIAL LETTUCE		
Landreth's forcing, heading	65c	1.80
May King, heading	70c	2.00
Virginia Solid Header	$1.00	2.50
SPECIAL RADISHES		
Wonderful Halfiong Red	30c	.80
Landreth's White Box	25c	.60
Extra Early Scarlet White-tipped	20c	.60
Bloomsdale Spinach	20c	.40
Moss Curled Parsley	20c	.40
Landreth's Earliest Tomato	$1.25	4.50
Spark's Earliana Tomato	1.10	3.00
Landreth's Red Rock Tomato	1.00	2.75

Cash with order. Postage paid.
Send for complete list.

LANDRETH SEED CO., BRISTOL, PA.

Mention The Review when you write.

Hothouse Specialties



Our Mr. Rawson being one of the largest growers of Vegetables under glass in this country, we have developed many special strains, including:

Rawson's Hothouse Cucumber

which we confidently believe superior to any other on the market; 60c per oz.; $1.50 per ¼-lb.; $5.00 per lb.

RAWSON'S SCARLET CONICAL RADISH

Best for forcing; many largest growers use it exclusively. Brilliant scarlet, conical, short-topped, remarkably uniform, tender, crisp; 90c lb.; 10 lbs., $8.00; 100 lbs., $75.00.

These and many other specialties fully described in our Market Gardener's List for 1907, just issued. Sent free on request.

W. W. RAWSON & CO., 5 Union St., Boston

Mention The Review when you write.

CAULIFLOWER SEED

Earliest Dwarf Erfurt

The earliest and best variety in existence for either forcing or open ground. We hold a tested stock of exceptionally high germinating power. All we guarantee to be 1906 crop. **$7.00 per pound.** Mailed free on receipt of cash by International P. O. O.

C. S. DANIELS & SON
WYMONDHAM, NORFOLK, ENGLAND

Mention The Review when you write.

600,000 Asparagus Roots	100	1000
3 years, Palmetto, heavy	50c	$3.50
2 years, Palmetto, strong	40c	3.00
2 years, Conover's Colossal	35c	2.75
2 years, Barr's Mammoth, strong	40c	3.00
2 years, Donald's Elmira	40c	3.00
2 years, Giant Argenteuil	40c	3.00
2 years, Columbian White	40c	3.50

On 50,000 or over, good discount given.
On other Nursery stock, send for Trade List.

RIVER VIEW NURSERIES, J. H. O'Hagan, Little Silver, N. J.

Mention The Review when you write.

The Best Commercial White Mum

WHITE MAUD DEAN

Grown by THE WILLIAM SCOTT CO., Buffalo, N. Y.

Strong, well rooted cuttings, ready March 1,
$10.00 per 100. Offered by

S. S. SKIDELSKY —— and —— WM. F. KASTING,
824 N. 24th St., Philadelphia, Pa. Buffalo, N. Y.

not need any assistance in the way of feeding, but it is well to watch the crop and apply some stimulant if it shows signs of needing assistance.

W. S. CROYDON.

STERILIZING LETTUCE SOIL.

Of the many vegetable growers at Grand Rapids, Mich., none is better known than Eugene Davis, to whom the gardening fraternity is indebted for the Grand Rapids lettuce, the Davis Kidney Wax bean and other valuable varieties. The following notes on soil sterilization cover the subject as it appears to a layman visiting Mr. Davis' place:

"One of the most perplexing problems connected with the growing of vegetables under glass is the renewal of the worn-out soil. When the soil of a greenhouse has been used for some time it becomes practically dead, and no amount of cultivating or fertilizing will make it productive. And, furthermore, the soil not only ceases to be productive but becomes a breeding place for the various fungus diseases which infest lettuce and other products of the greenhouse.

"Heretofore about the only remedy for this condition of affairs was to remove several inches of soil from the top of the solid beds used for lettuce and replace it with fresh. This, while it helped to some extent, did not go deep enough, and was by no means a complete remedy, and in a large greenhouse the removal and replacement of so much soil meant a heavy expense.

"Mr. Davis believes he has solved the problem of how to use the same soil in his greenhouse year after year for an indefinite period and still have it retain its productiveness. His method is to use common 1-inch iron steam pipes with numerous small holes drilled throughout their whole length. These perforated pipes are buried in the soil to a depth of ten or twelve inches and attached to the steam boiler. Then the steam is turned on and left so for from three to eight hours until the soil is thoroughly cooked. The operation in itself is simple, but Mr. Davis says it does the business and is only about one-tenth as expensive as replacing the old soil with new.

"Last year the State Agricultural College heard of Mr. Davis' plan and sent a man to investigate. His report was so favorable to the new process that the college authorities have been carrying on a series of careful and exhaustive experiments. They have not confined themselves to perforated pipes but have experimented with pipes made of a porous substance, and have also tested an apparatus made like an old-fashioned spike-toothed drag, the teeth being made of perforated iron pipes about ten or twelve inches long. These are attached to a framework and all connected with each other. The whole arrangement is placed with the teeth downward on the soil to be sterilized and the teeth are forced into the soil. This is designed to do away with burying the pipes

"Mr. Davis' success has prompted several other greenhouse men to adopt the system within the last year, and it is probable that it will be universally used throughout this section in the course of a year or two."



Eugene Davis.

The Cleveland Seed Co.
AVON, N. Y.
Growers of **FANCY PEAS AND BEANS**
for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.
Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.
Mention The Review when you write.

D. V. BURRELL, Grower of
Special Strains of Melons and Cucumbers
Three of my specialties are the Burrell Gem Cantaloupe. Burrell's Thoroughbred Rocky Ford Cantaloupe and Burrell's Klondike Cucumber. Contract orders solicited.
Address, D. V. BURRELL, A 11, Rocky Ford, Colo.
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

D. I. BUSHNELL, St. Louis, has returned from a trip to South America.

WHITE onion sets are quite scarce and the price for them is now far above the ordinary value when compared with the yellow and red.

VISITED CHICAGO:—Alfred J. Brown, of Alfred J. Brown Seed Co., Grand Rapids, Mich.; A. J. Milton, with the Chas. H. Lilly Co., Seattle, Wash.

UNDER the circumstances, H. W. Fisher, manager of the seed division of Montgomery Ward & Co., Chicago is not complaining at the wintry weather.

THERE still are quantities of lily of the valley pips arriving at New York. The last boat from Hamburg, February 1, brought fifty cases for J. M. Thorburn & Co.

IRONDEQUOIT muskmelon is one of the specialties of James Vick's Sons, Rochester, but this year's wholesale list has after the name of the variety the words "crop failed."

ALFRED J. BROWN, of the A. J. Brown Seed Co., Grand Rapids, Mich., has returned from a fortnight's successful contracting trip among the trade in the eastern cities.

THE German flower seeds are not all in yet, and these delayed lots are making trouble out of all proportion to their importance as affecting the total of the season's business.

DURING the recent high water at Cincinnati J. M. McCullough's Sons and J. Charles McCullough were put to much trouble. The latter had to remove its office and 11,000 bags of grass seeds.

IT is reported that seed of the flat varieties of onion being offered to the set growers is of fairly good germination. On the globe sorts the percentage of germination is much lower; too low, in fact, in many cases.

THE accident met by one of the salesmen for D. M. Ferry & Co., who got a chicken bone stuck in his throat, causes a smile, not because of the gentleman's painful plight, but for the evidence it affords that even a representative of the great house of Ferry occasionally finds himself in a position where he needs help.

THE board of general appraisers at New York has advanced the valuation of a shipment of 7-9 Lilium rubrum from 29 yen to 42 yen per thousand. These were exported by L. Boehmer & Co.,

SEEDS WHICH SUCCEED
THIS MEANS THAT **LANDRETH'S SEEDS** GROW AND ARE GOOD
ADDRESS: BRISTOL, PA.
Mention The Review when you write.

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

LEONARD SEED CO.
Growers and Wholesalers of Superior Garden Seeds
Seedsmen and Florists Supplied at the shortest notice and at right prices.
Our Catalogues are now ready and are mailed upon request.
Flower Seeds—Onion Sets 79 East Kinzie St., 145 W. Randolph St., CHICAGO
Mention The Review when you write.

LAWN GRASS SEED in Bulk and Packages
Dickinsons, Evergreen, and Pine Tree Brands
SPECIAL MIXTURES SEED FOR GOLF GROUNDS
MINNEAPOLIS THE ALBERT DICKINSON CO. CHICAGO
Mention The Review when you write.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.
The Everett B. Clark Company
MILFORD, CONN.
East Jordan, Mich. Sister Bay, Wis.
We are now writing growing contracts for
PEAS AND BEANS
which we grow in both Michigan and Wisconsin.
Mention The Review when you write.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.

C. C. MORSE & CO.
Seed Growers
171-173 Clay St., SAN FRANCISCO, CAL.
Onion, Lettuce, Sweet Peas
and other California Specialties

C. H. Lilly Co.
SEATTLE, WASH.
Growers of
PUGET SOUND
CABBAGE SEED

TO THE TRADE
We desire to announce that because of the heavy and continuous rains, our planting has been delayed so that the writer was not able to leave for the east as early as had been expected. He hopes, however, to get away about the end of this month and will advise the trade later when he expects to call.
A. J. PIETERS SEED CO.
A. J. PIETERS, President and Gen. Manager
HOLLISTER, CAL.

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO,
Radish, Peas, Muskmelon
Squash, Watermelon, Sweet Corn
We are now booking orders for 1907 fall delivery. Send for contract prices; also surplus list.

Always mention the Florists' Review when writing advertisers.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

——HEADQUARTERS FOR——

Cauliflower and Tripoli Onion Seed

(Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

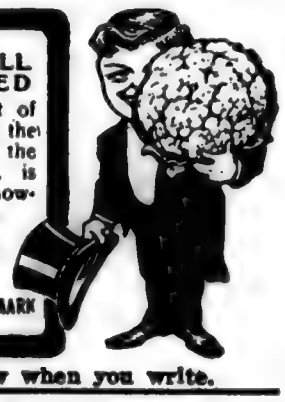
Ask for Our Wholesale Catalogue.

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

CAULIFLOWER CABBAGE SEED

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.

12 Stormgade, COPENHAGEN

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

Danish Seed

CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.

CABBAGE, White Amager (Stonehead).

Write direct to the grower.

CHRIS. OLSEN, Seed Grower Odense, Denmark

Mention The Review when you write.

Yokohama, Japan, October 29. Fern balls, 7-9-inch, entered at 100 yen per thousand, were not advanced, but cost of packing included. A Japanese yen is practically equal in value to a dollar in our currency.

IMPORTS.

The imports of seeds through the port of New York for the week ending January 26 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto .	110	$ 1,389	Grass	2,748	$26,614
Anise	249	2,045	Hemp ...	400	1,879
Caraway...	200	1,469	Millet ...	200	511
Cardamom.	58	975	Mustard .	869	9,839
Castor ...	616	3,086	Poppy ...	935	5,705
Clover ...	1,004	24,245	Rape	116	833
Fennel ...	343	2,095	Sugar beet	68	478
			Other		16,102

In the same period the imports of trees and plants were valued at $6,071.

IN 1890, when W. Atlee Burpee & Co. introduced Burpee's Bush Lima bean, they sold only four beans to a packet, for 75 cents.

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. **Pot Roots** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

PHLOX CANADENSIS=Perry's Variety

A grand improvement upon the type, color unique, resem bling Plumbago Capensis, large. flowers, larger heads, petals not out, in bloom 3 months. Grand for forcing. $8.00 per 100 Catalogues free. Received Award of Merit R. H. S. and R. B. S.

PERRY'S HARDY PLANT FARM, ENFIELD, ENGLAND

Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.



Picea Pungens Glauca (Koster), transplanted '05

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.

CATALOGUE HELD UP.

The post-office authorities at Chicago have held up the seed catalogue of Montgomery Ward & Co. because of the prize offers it contains. It goes without saying that Montgomery Ward & Co. do not wish to infringe the postal laws, nor do they think they have done so. They have filed with the post-office representations that the winning of their prizes is not at all a matter of chance, but a matter of cultural skill, in which contention they will have the support of the trade. They also have filed with the post-office copies of other seed catalogues with the claim that their prize offers are not different from the prize offers other reputable seedsmen have made for years.

Most of the Montgomery Ward & Co. prizes are for the largest vegetable grown from their seed of a given variety. No other characteristic is to be considered. They direct that the contestant take careful measurements and weights of his specimen, whatever it is, and send these

Established 1680. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

Mention The Review when you write.

Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

26 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.

You Want This Aster Seed

No novelties—grown especially for my growers, best commercial sorts, branching white, blue, shell-pink, 25 cents a trade package; 60 cents ¼ oz. Ostrich Plume, 50 cents a trade package; 75 cents ⅛ oz.

GEORGE B. HART, Wholesale Florist, 24-28 Stone St., ROCHESTER, N. Y.

in a letter attested by three neighbors. The specimen itself is not to be sent. Where quality is to be considered the specimens are to be sent, express prepaid, to Montgomery Ward & Co., who will appoint judges to announce awards November 1.

It is difficult to see what the objectionable feature is. Montgomery Ward & Co. are advised that the restriction of the competition to the product of their seed is the worst feature. It is hard to see where an element of chance enters the contests. But the authorities at Washington have upheld the action of the Chicago office, and it looks as though the firm would have to put its book back on the press, eliminating the prize offers. There is, of course, a possibility that they finally will be permitted to mail their book as it is, for there are several other books now going out in other cities with almost identical offers. At any rate, it behooves the seed trade to get an official O. K. on any prize offers which may be contemplated before printing future lists.

THE SEEDSMEN'S PROBLEM.

A seed corn grower in Ohio writes to an eastern seed house that he "will contract to grow sugar corn provided he be sent a variety producing tall, stiff stalks, as his farm hands will only husk corn from uncut stalks and will not bend their backs for any man."

This prompted the recipient to observe that "this certainly is a great country; no wonder the down-trodden of Europe, at the rate of three millions a year, come to a country where farm hands are declining to bend their backs, and where, of course, men of higher occupations than clodhoppers will all soon at the instigation of the walking delegates of the labor unions insist on wearing kid gloves while dilly-dallying over what passes for work; and yet, the seed merchants are so competing with each other for orders at any price that many of them are on a fair road to the poorhouse."

MARKET GROWERS' JOURNAL.

In the Review of January 31 there appeared this item: "The seed trade is being asked to start a market gardeners' journal at Louisville, Ky., by buying subscriptions in bulk. The man on the road is from the force of Wood, Stubbs & Co., and states that this firm is behind the project."

Under date of February 1, Wood, Stubbs & Co. state that "this is an error" and ask the publication of the following "correction," which we grant with pleasure. We always are glad to print the facts.

"The company of Wood, Stubbs & Co. is in no way connected with the Market Growers' Journal Co. except as acting as subscription agent for the journal. J. C. Wilson, who was recently with us, has resigned his position to accept one with the Market Growers' Journal Co. The officers of the Market Growers' Journal Co. are: President, C. F. Wood, of Wood, Stubbs & Co.; vice-president, E. H. Bowen, president Louisville Board of Trade, also ex-president National League of Commission Merchants of the United States; secretary and treasurer, Jas. C. Stone. With the above the directors are: Geo. Braden, president of the Federal Chemical Co.; C. F. Huhlein, vice-president and general manager of B. F. Avery & Sons, also ex-president of National Association of Agricultural Implements and Vehicle Manufacturers of the United States; Chas. Scholtz, Jr., president Jos. Denunzio Fruit Co.; Edw. F. Wetstein, practical gardener, also secretary and treasurer of the Gardeners' and Farmers' Market Co.

Thorburn's Seeds

OUR WHOLESALE CATALOGUE

for florists and market gardeners is **NOW READY** and will be sent free to all who ask for it.

NEW CROP

Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. **Compare our prices before ordering elsewhere.**

Cold storage **Lily of the Valley Pips**, best possible grade, 1000 in case, $12 per 1000.

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.

NEW STOCKS

Flower Seeds for Florists

WHOLESALE CATALOGUE READY

Send for it today. But first read our advertisement on page 733 in the FLORISTS' REVIEW for January 24th, 1907. It is worth reading.

James Vick's Sons

Seedsmen ROCHESTER, N. Y.

Mention The Review when you write.

JAPANESE LILIUMS.

There is still a great doubt existing among English growers, says the Horticultural Trade Journal, as to which are the best types of longiflorum to handle; only a few are able to distinguish the difference between eximium, multiflorum and giganteum (Takesima is another name given by some importers to giganteum). Eximium is the cheapest and the least valuable, producing fewer blooms, and these are of a thin, poor and watery nature, the petals in some cases almost transparent; the growth is poor and the foliage scant; it does not possess sufficient constitution to retard successfully. In spite of this, however, it is probably used in much larger quantities than the other two sorts, perhaps on account of its cheapness, and ease of propagation and cultivation in Japan. Multiflorum is simply an improved and glorified form of eximium, and is perhaps a little difficult to distinguish from it, as its general characteristics are the same, excepting that it is stronger in growth and produces more



We made this halftone from a

WASH DRAWING

one of many we made for 1907

Seed Catalogues

Our artists are the best in the United States on flower and vegetable drawing.

Try our work on some of your special lists and you will give us all your order for the 1908 general catalogue.

We make a specialty of

CUTS FOR SEEESMEN

All processes. Quick work if necessary. Satisfaction guaranteed. Special prices on orders placed now for cuts for 1908 catalogues.

NO STOCK CUTS

CRESCENT ENGRAVING CO.

341-347 Clark St., CHICAGO

Mention The Review when you write.

SHAMROCK

IRISH. THE REAL THING! GREEN

Strong and fine plants. Better order early. $4.00 per 100; or 60c per doz., by mail.

..XXX SEEDS..

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed: single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."

Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

Augusta Gladiolus

First size, 1⅝ and up.....$12.00 per 1000
Second size, 1¼-1⅝..... 8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.

Mention The Review when you write.

GLADIOLI

Write for trade price list of named varieties, assorted colors and fine mixtures.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

DREER'S
Reliable Flower Seeds

NEW ORCHID-FLOWERED SWEET PEAS.

These are a distinct "break" in Sweet Peas, differing from the standard sorts by the extraordinary size of their flowers, usually measuring 2 inches across, and by the standards being crinkled and wavy, while the wings are large and spreading. Another splendid feature is that a very large percentage bear four blossoms to the stem, which are long and strong.

COUNTESS SPENCER. A lovely clear pink, shading darker at the edges. 10c per oz.; 25c per ¼-lb.; 75c per lb.

E. J. CASTLE. Rich carmine-rose, shaded with salmon, very striking, especially under artificial light. 27c per pkt., 5 pkts., 75c.

FRANK DOLBY. The largest and finest pale lavender-blue. 17c per pkt.; 5 pkts., 75c.

GLADYS UNWIN. Charming shade of pale rose-pink; extra long stems and very valuable for cutting. 10c per oz.; 25c per ¼-lb.; 75c per lb.

HELEN LEWIS. (Orange Countess.) Brilliant orange-rose. 25c per oz.

HELEN PIERCE. This is the new gloxinia-flowered Sweet Pea, being marbled blue on a white ground, with the veins showing a little deeper, exactly like a mottled Gloxinia. 15c per oz.; 50c per ¼-lb.

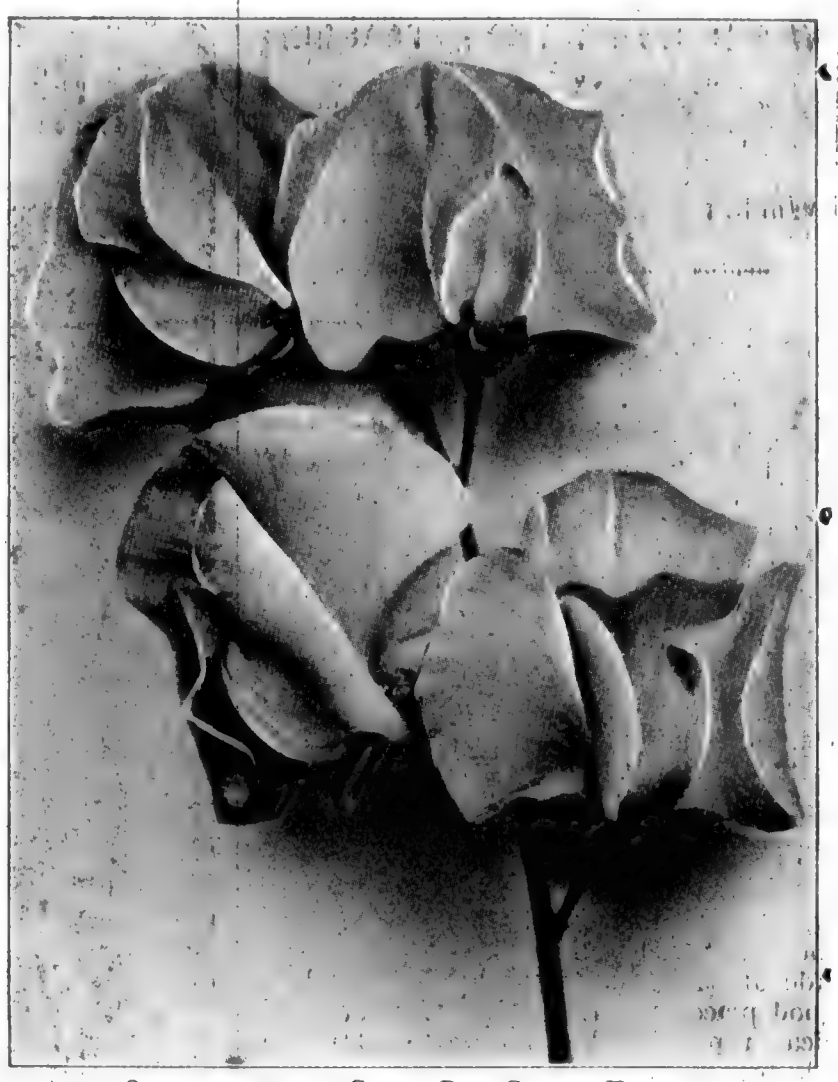
JOHN INGMAN. Rich salmon-rose. 15c per oz.; 50c per ¼-lb.

MRS. ALFRED WATKINS. A superb pale pink, similar in shade to the old Princess Beatrice. 17c per pkt.; 5 pkts., 75c.

NORA UNWIN. The finest white now in existence. 17c per pkt.; 5 pkts., 75c.

PHYLLIS UNWIN. A veritable giant among Sweet Peas; color a deep rose-carmine. 15c per oz.; 50c per ¼-lb.

For list of Standard Sweet Peas see our Wholesale Price List. Free on application to Florists.



ORCHID-FLOWERED SWEET PEA, GLADYS UNWIN.

HENRY A. DREER, -- PHILADELPHIA, PA.

Mention The Review when you write.

bloom and of a more robust texture. Its constitution is much superior, consequently it is one of the best for retarding. Sometimes the packers in Japan, or merchants here, mix multiflorum with eximium, with the result that the batch grows uneven, some bulbs growing strong, with a good number of perfect blooms, while others are poor in growth, with only a few blooms. In the majority of cases the result is put down to weak bulbs or poor cultivation, very few growers knowing they have the two sorts mixed. For really reliable work and for retarding and producing the largest number of the finest blooms, L. longiflorum giganteum is the best, and, although its price is a long way above either of the other two, the satisfactory results obtained from it make it really the cheapest and most profitable of all three, at least for late retarding. Its hardy constitution enables it to withstand the effects of long storage much better than either of the others. The variety can be easily distinguished by having a more or less black stem, the leaves are larger and set wider apart, the growth is stronger, the blooms are larger and have more substance, and are perhaps of a purer white; the back of the bloom is a darker green. Any grower intending to take up the cultivation of liliums on a large scale will do well to give all the varieties a trial so as to make absolutely certain he is getting exactly the sort he desires before investing a large sum of money.

EUROPEAN SEED NOTES.

Italian seed growers report a much increased acreage booked this autumn and winter for their specialties for contract growths, delivery 1907 and 1908. French beans show a marked increase. Previously this vegetable was not grown so extensively in Italy, but growers say

Johnson's High-Class Tested
FLOWER SEEDS
For Early Sowing

We would call special attention to our superior strains of Petunias, Verbenas, Stocks and Pansies, which are absolutely the best procurable.

	Trade pkt.	Oz.
Ageratum Blue Perfection, dark blue	15c	$0.50
Alyssum Little Gem or White Carpet	10c	.30
Asparagus Plumosus Nanus (greenhouse grown), per 100 seeds, 50c; per 1000 seeds, $4.00.		
Asparagus Sprengeri, per 100 seeds, 15c; per 1000 seeds, 75c; 5000 seeds, $3.00		
Candytuft Empress, pure white	10c	.20
" Giant Hyacinth Flowered, white	10c	.20
Carnation Marguerite, choice mixed	15c	.60
Centaurea Gymnocarpa, 1000 seeds	15c	.35
" Candidissima "	25c	1.50
Cobaea Scandens, purple, ¼ lb., 75c.	10c	.30
Cyclamen, English Prize mixed (from show varieties unsurpassed) per 100 seeds, 75c; per 1000 seeds, $6.00.		
Ipomoea Noctiflora (Moonflower)	10c	.50
Lobelia Crystal Palace Compacta	25c	1.25
Pansy, Johnson's Kingly Collection, mixed, unsurpassed, 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00		5.00
Petunia Giants of California	50c	
Petunia, Johnson's Choice Double Fringed, per 500 seeds, 75c; 1000 seeds, $1.50.		
Johnson's Giant Single Fringed	50c	
Dwarf Inimitable (nana compacta), fine for pots	25c	1.25
Phlox Drummondii Grandiflora, mixed	10c	.40
" " " Dwarf, mixed	20c	.75
Drummondii Nana Compacta, mixed	30c	1.50
Pyrethrum Aureum	10c	.20
Salvia Splendens Bonfire, ¼ lb., $6.00	25c	2.00
" " ¼ lb., $3.00	20c	1.00
Smilax (New Crop), lb., $2.00	10c	.20
Stocks, Dwarf, separate colors	25c	2.00
" " Large-Flowering, Ten Weeks', mixed	25c	1.75
Princess Alice, Cut-and-Come Again	30c	2.50
Sweet Peas, Standard varieties, ¼ lb., 10c: lb., 25c.		
Thunbergia, finest mixed	10c	.50

JOHNSON'S GIANT-FLOWERING VERBENA, pronounced the finest in the market. Giant White, Pink, Scarlet, Purple and Yellow, large trade pkt. (1000 seeds), 25c; 5000 seeds, $1.00; per ounce, $1.25. Giant Brilliant, mixed, large trade pkt. (1000 seeds), 20c; 5000 seeds, 75c; per ounce, $1.00.

Send for our New Illustrated Catalogue for Florists and Market Gardeners, just issued.

JOHNSON SEED COMPANY

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

217 MARKET STREET, PHILADELPHIA, PA.

W. & D. SPECIALTIES for FORCING

Mignonette "New York Market." **Sweet Peas,** "True," Christmas Flowering (pink and white). **Tomato,** "The Don," "Stirling Castle." **Mushroom Spawn,** "English" and "Pure Culture." Send for 1907 catalogue.

Weeber & Don, Seed Merchants and Growers, 114 Chambers St., NEW YORK

Mention The Review when you write.

this year a much larger acreage is booked. For all contracts the average price is an improvement on previous year's business.

An increasing demand is being experienced for English-grown garden peas on the Continent and abroad, and some heavy shipments have already been made. In conversation with a number of seedsmen some two months ago I gathered it was the general opinion that seed peas would go to a low and unprofitable price. Fortunately, these fears have not been realized, and prices continue at a fairly profitable level.

The seed potato trade in England has never recovered from the blow it received at the bursting of the boom. Consequently, the season following a fairly heavy crop, is a stagnant one for the seed trade. The little trade being done is in the oldest and well tried sorts. A bright side of the trade is the keen demand at good prices for seed to go to South Africa, a provincial firm recently shipping 500 tons in one order.

It may be interesting, and also give an idea of the business done by some of the leading English seed houses, to know that Carter & Co., of Holborn, London, have just posted 137,000 spring seed catalogues, weighing nearly seventy tons. The paper and printing cost just under $20,000, and the postage nearly $10,000. The firm recently occupied the whole front page of the London Daily Mail with a seed advertisement, nearly half of the space being occupied by sweet peas.

The Sweet Pea Annual for 1907 contains an audit of the varieties exhibited during 1906. The variety exhibited the most times was Dorothy Eckford, 121 times, followed by King Edward VII, with 97 times; Gladys Unwin, 81; Miss Wilmott, 72; Mrs. Walter Wright, 69; Lady Grisel Hamilton, 68; Countess Spencer, 63, etc. There are nearly 100 varieties shown once and not more than three times. J. B.

FREE SEEDS.

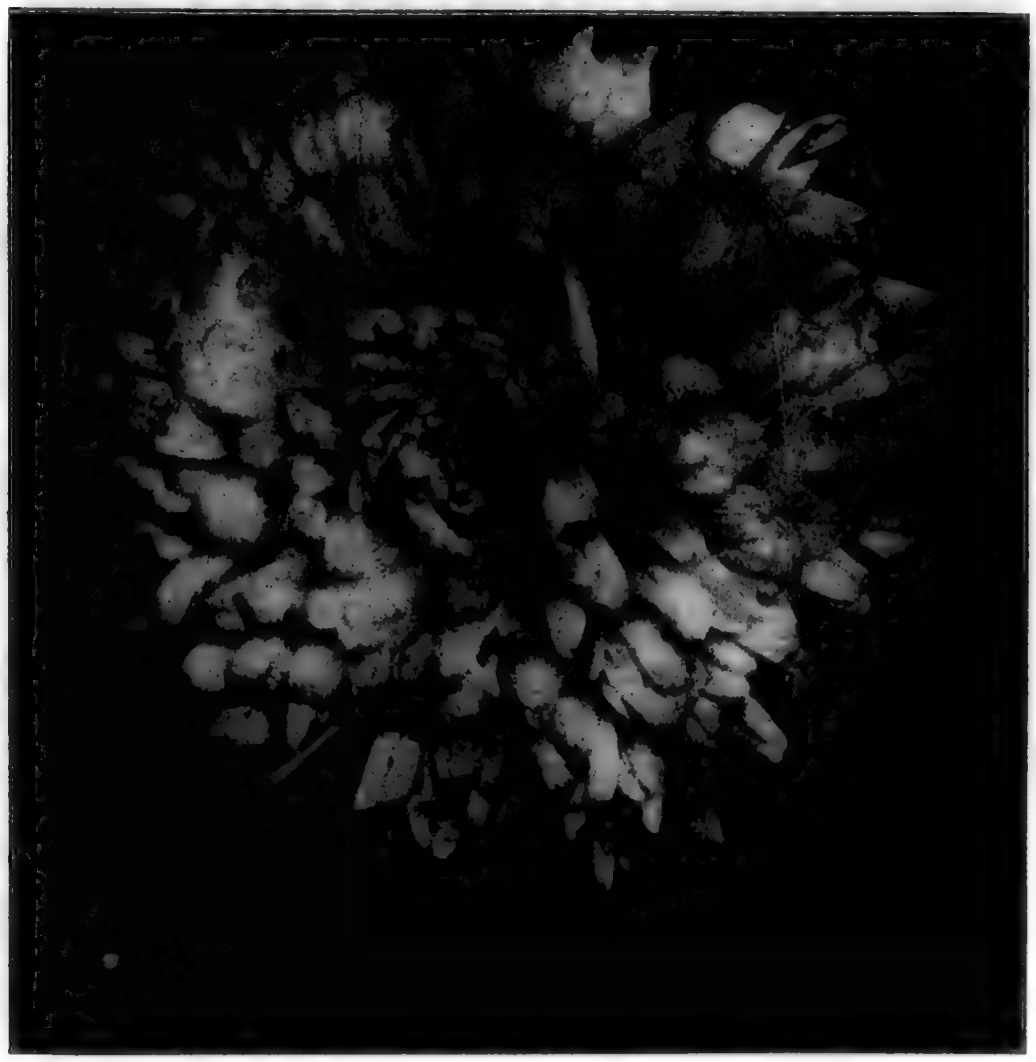
"Our old friend, the free seed appropriation, has appeared again," says the Chicago Tribune. "Stricken out in committees, it has been restored by the house, and emerges serene. It is too good a bit of graft to lose.

"The theory upon which the free seed appropriation is justified is that the seeds are selected varieties sent out by the Department of Agriculture for purposes of scientific investigation. The recipient is supposed to report to the department the character of the soil and other conditions and the result obtained. As a matter of fact the seeds are purchased in large quantities from regular dealers and the Department of Agriculture knows nothing about their nature and cares nothing about the results. The actual experiments of the Department are carried on in another way.

"The inclusion of ordinary varieties of flower seed with directions for forming window-gardens shows an abandonment of even a pretense of scientific value to the appropriation. It may possibly brighten many flats to have flowers at government expense, but why not tidies, door mats, and plaster busts? An appropriation to provide every voter of the same political faith as his member of congress with a pink lamp shade would fail of passage, but the seed bill goes through each year. It is considered one of the perquisites of the congressman and serves the useful purpose of making each recipient think that the congressman has a personal interest in him.

"The cost to the government does not stop with the purchase of the seeds. The number of tons of packages which go into the regular mails and have to be paid for helps to increase the deficiency in postal revenues, while the expenditure for seeds, ostensibly for the purposes of the Department of Agriculture, makes the total appropriation for that department larger than it would

CARLSON'S IMPROVED ASTER SEED



Has been the best commercial variety in the Chicago market for the past three years. No disease. No yellows.

⅛ oz. (trade packet)	$ .25	½ oz	$ .80
¼ oz.	.45	1 oz	1.50

1906 Crop. White, Pink and Lavender. GET THE GENUINE.

E. H. HUNT, 76 Wabash Ave. **CHICAGO**

Mention The Review when you write

Florists' Flower Seeds New Crop of the Finest Quality

Now Ready **Tuberous Rooted Begonias**

Giant Flowered	Per doz.	Per 100	Per 1000
Single in separate colors	40c	$2 50	$22.50
Double in separate colors	65c	4.00	34.00

GLOXINIAS Finest sorts in separate colors, 50c per doz.; $4.00 per 100; $35.00 per 1000. Send for trade price list.

CURRIE BROS. CO. 312 Broadway, **Milwaukee, Wis.**

Mention The Review when you write.

SEED HOUSE WILL SUPPLY stock and fixtures up to $500 to satisfactory party in good location, who will pay part down and balance out of business on easy terms. Address **No. 61, care Florists' Review, Chicago.**

TWO "NEW CREATIONS" IN BUSH LIMAS

Nature surely has surpassed herself! In a single season she has outstripped all efforts of man In fact, such distinct new types have never even been dreamed of before!

Look at the illustrations shown of the BURPEE IMPROVED and FORDHOOK BUSH LIMAS, recall to mind the largest and best pods of Lima Beans you have ever seen, and you must agree with us that this **is a most remarkable find.** To learn just what they really are and how they were discovered, kindly study pages 10 to 15 of THE FARM ANNUAL FOR 1907. These two most unique new Bush Limas will be worth many thousands of dollars annually to the gardeners of America. They are undoubtedly the "Greatest Novelties of the Age."

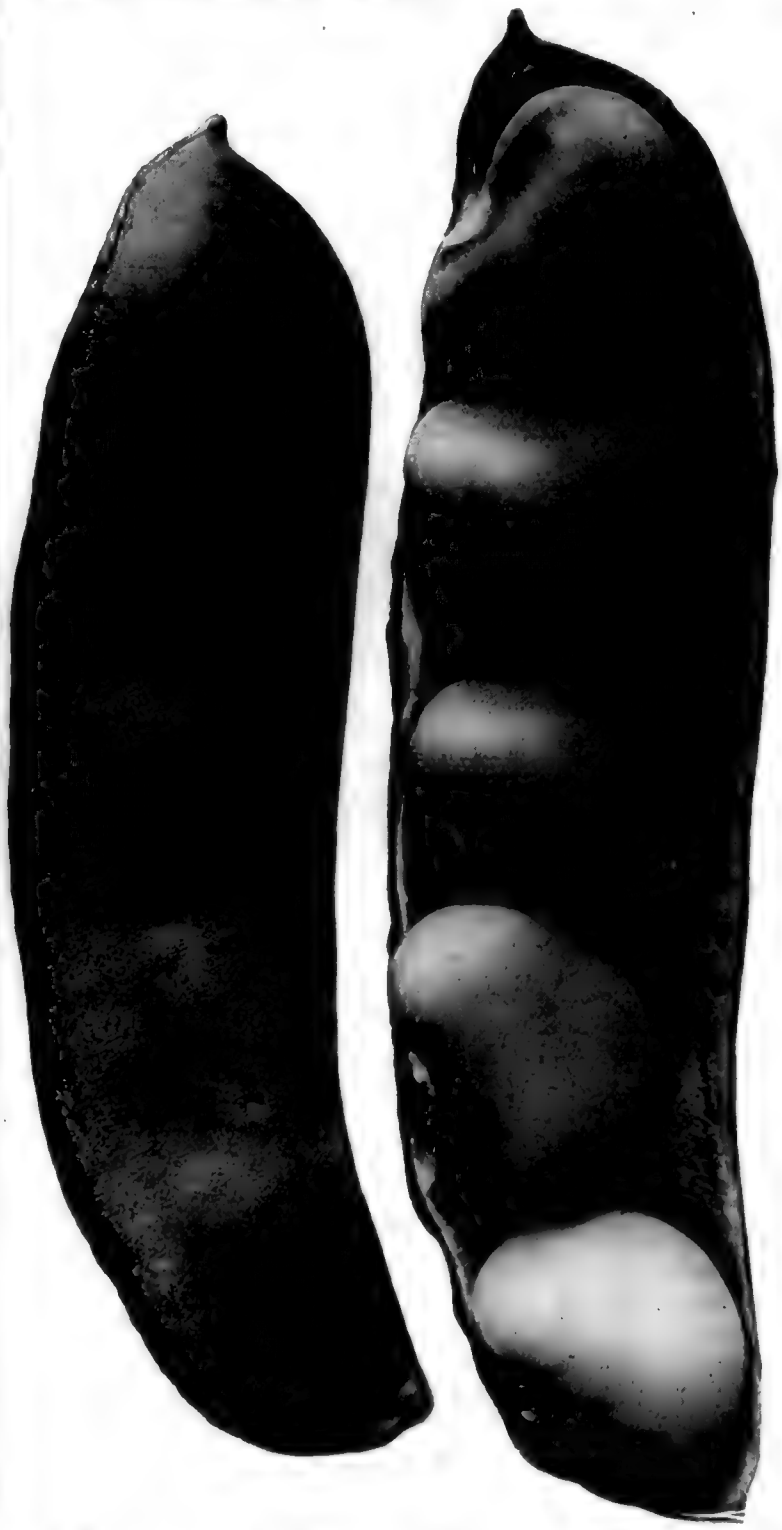
The Burpee Improved is an entirely **"New Creation."** The pods are truly enormous in size, borne in great abundance upon bushes two and one-half feet high by two feet across. The beans are both larger and thicker than those of the popular Burpee Bush Lima or any strain of the large White Pole Lima.

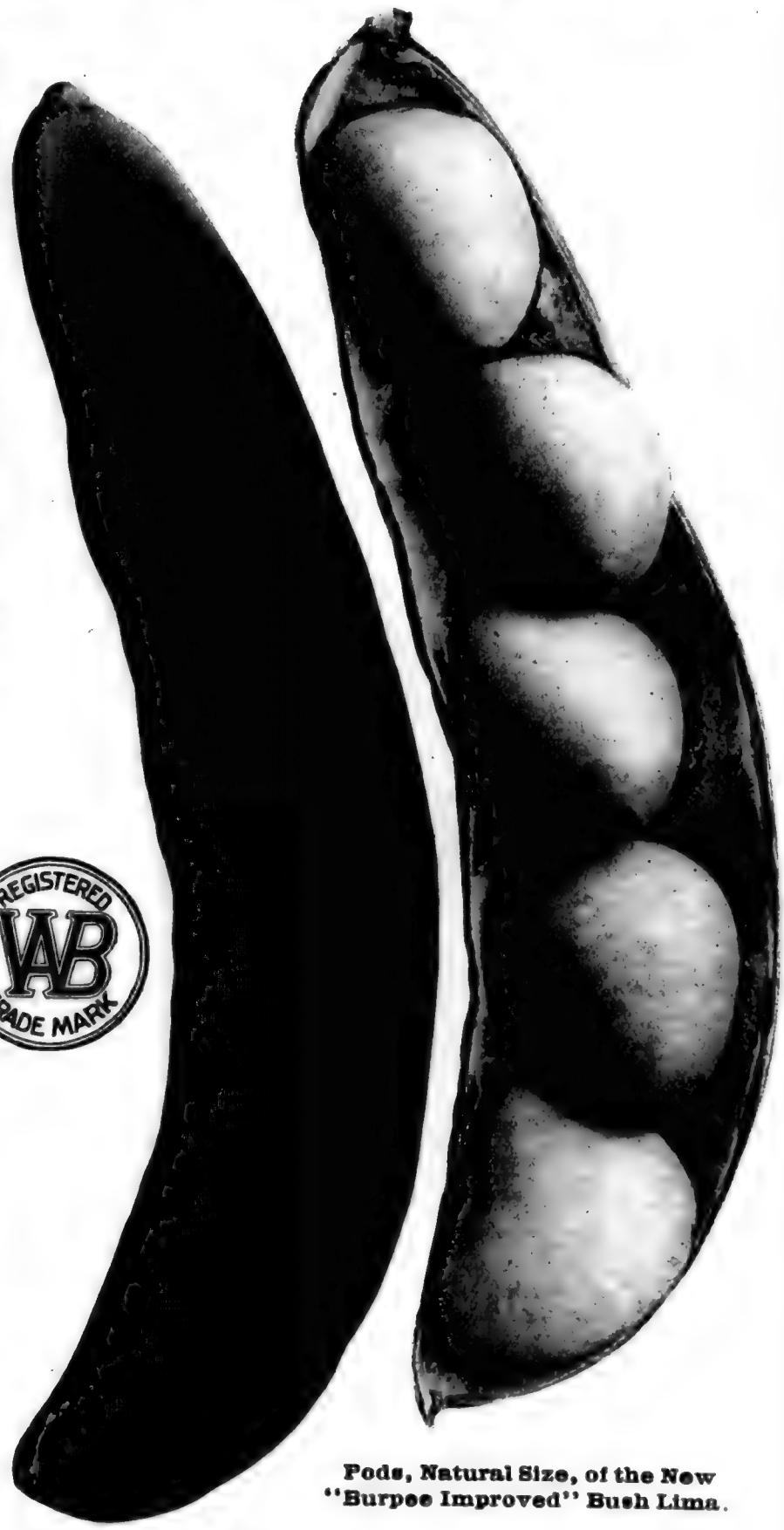
Fordhook Bush Lima. This is altogether unique. Nothing like it has ever been seen before. It is the first and only stiffly erect Bush form of the fat "Potato Lima." Both pods and beans are twice the size of Dreer's and more than half again as large as the **Challenger Pole Lima.**

$1115.00 in Cash Prizes for 1907.

With one prize of **$150.00**, several of **$50.00** each, we will pay a total of **$1115.00** on these **Two New Bush Limas.** For particulars see page 28 and page 199 of BURPEE'S FARM ANNUAL FOR 1907.

These Bush Limas are sold only in sealed packets. Each packet contains twelve perfect hand-picked beans. **Per pkt., 25c—less the discount of one-third on retail packets,—making 3 pkts. for 50c; 6 pkts. for $1.00** or **$2.00 per dozen pkts.,** postpaid, and assorted as desired.





REGISTERED WAB TRADE MARK

Pods, Natural Size, of the New "Burpee Improved" Bush Lima.

Burpee's Farm Annual for 1907

"The Leading American Seed Catalog."

The "Silent Salesman" of the world's largest mail-order seed trade. An Elegant New Book of **200 pages** with hundreds of illustrations from photographs, it tells only the plain truth about the very best **Seeds That Grow.**

It describes Grand Novelties in Flowers and Vegetables, of unusual importance, which cannot be obtained elsewhere. If interested, **write today,** name the Florists' Review, and the book is yours.

BURPEE'S NEW "BLUE LIST"

Most complete of all wholesale catalogs of seeds, gives Special Prices to Florists and Market Gardeners. If you have not received a copy, write today!

With our usual discount of 33⅓ per cent on Retail packets, Florists and Market Gardeners (who order **early!**) can obtain **These Two New Bush Limas** at any **3 pkts. for 50c; 6 pkts. for $1.00 or 12 pkts. for $2.00** (assorted as desired, and sent by mail, postpaid.)

W. Atlee Burpee & Co. BURPEE BUILDING Philadelphia

Aster Seed

Our descriptive price list of High-Grade Aster Seed is now ready and will be sent free on application Try our new varieties, Cardinal, Sunset and Rosy Carmine Branching—they are winners. Price per packet, 25 cents; two packets for 40 cents.

Pointers on how to grow Asters successfully sent free with every order.

VICK & HILL CO.

P. O. Box 613. ROCHESTER, N. Y.

Mention The Review when you write.

otherwise be and prevents the appropriation of money for really valuable objects. In every conceivable way the government loses by this appropriation and the largest gainers are the professional dealers in seeds who are so fortunate as to be favored by government contracts.''

The Department some weeks ago made its contracts with ''the largest gainers'' for seeds for the 1908 distribution, subject to the usual provision regarding the action of congress in making the appropriation.

CANNERS' CONVENTION.

The national convention of Fruit and Vegetable Packers and Allied Associations at Buffalo February, 11-16, inclusive, promises to be by a considerable margin the largest gathering of the associations since the alliance commenced holding joint sessions. It is quite probable that as many as 2,000 delegates may be in attendance and the committee in charge of arrangements is planning an unusually elaborate program of events, not only in the way of entertainment, but in the value of the subjects to be discussed. The pure food law is the most important subject on which the packers want light, and Dr. Wiley, of the U. S. Department of Agriculture, the pure-food expert, will be the star speaker.

The seedsmen who supply canners' stocks will be on hand in full force.

CATALOGUES RECEIVED.

Chicago Carnation Co., Joliet, Ill., carnation cuttings; The Templin Co., Calla, O., general catalogue for 1907; The Stiles Co., Oklahoma City, Okla., general seed catalogue; Vick & Hill Co., Rochester, N. Y., aster seeds; Henry F. Michell Co., Philadelphia, Pa., general seed catalogue and wholesale price list for 1907; Henry Saxton Adams, Wellesley, Mass., seed specialties; W. Attee Burpee & Co., Philadelphia, Pa., wholesale price list; M. H. Brunjes & Son, Brooklyn, N. Y., general catalogue; E. Neubert, Wandsbek, Hamburg, Germany, ferns; William Deal, Kelvedon, Essex, Eng., garden specialties, also catalogue of seed potatoes; A. T. Cook, Hyde Park, N. Y., general seed catalogue; Theodosia B. Shepherd Co., Ventura, Cal., flower seed catalogue; Johnson & Musser Seed Co., Los Angeles, Cal., general catalogue; M. F. Kelsey, Worcester, Mass., dahlias; Jensen & Dekema, Chicago, Ill., carnation cuttings; L. E. Williams, Nottingham, N. H., nursery stock; G. H. Richards, London, Eng., horticultural supply catalogue; M. V. Garnsey, La Grange, Ill., cut flower holder; M. H. Walsh, Woods Hole, Mass., roses; Rickards Bros., New York, N. Y., general seed catalogue; Schlegel & Fottler Co., Boston, Mass., general seed catalogue; James Vick's Sons, Rochester, N. Y., wholesale price list, general catalogue and catalogue of asters; T. Lee Adams, Kansas City, Mo., general catalogue of seeds; E. E. Stewart, Rives Junction, Mich., bulbs and plants; S. J. Galloway, Eaton, O., price list of plants; E. Y. Teas Co., Centerville, Ind., price list of plants; George S. Woodruff, Independence, Ia., gladioli; Geo. H. Mellen Co., Springfield, O., general catalogue; Shiocton Garden Land Co., Shiocton, Wis., prospectus; Archias' Seed Store Corporation, Sedalia, Mo., general catalogue; W. B. Longstreth, Gratiot, O., general seed catalogue; Mosbaek Greenhouse Co., Onarga, Ill., cannas; J. A. McDowell, Mexico, Mex., bulbs; Peacock Dahlia Farms, Atco, N. J., dahlia roots; Montgomery Ward & Co., Chicago, seed catalogue.

Attractive calendars have been sent to the REVIEW by Miss Anna Cronin, Covington, Ky.; T. L. Metcalf, Hopkinsville, Ky., and the Ionia Pottery Co., Ionia, Mich.

SUMMER FLOWERING BULBS

My New Begonias and Gloxinias are in stock and are as fine as any I have ever seen.



LARGE FLOWERING BEGONIAS—Tuberous Rooted

SINGLE (1¼, 1½-inch bulbs)	Doz.	100	1000	DOUBLE (¾, 1½-inch bulbs)	Doz.	100	1000
Scarlet	$0.35	$2.50	$23.00	Scarlet	$0.60	$4.25	$38.00
Crimson	.35	2.50	23.00	Crimson	.60	4.25	38.00
White	.35	2.50	23.00	White	.60	4.25	38.00
Rose	.35	2.50	23.00	Rose	.60	4.25	38.00
Yellow	.35	2.50	23.00	Yellow	.60	4.25	38.00
Mixed	.30	2.25	22.00	Mixed	.50	4.00	35.00

GLOXINIAS, Giant-Flowering—Fine large Bulbs strong and well matured, Blue, Red, White, Red with White Border, Spotted and Tigered, per doz., 50c; per 100, $3.50. Mixed sorts, fine, per doz., 45c; per 100, $3.25.

FORCING VEGETABLE SEEDS—Special Strains for Greenhouse Culture. Cucumber, Cauliflower, Lettuce, Radish, Tomato. Write me your wants.

MUSHROOM SPAWN—Frequent importations from England. Per 100 lbs., $6.00; per 1000 lbs., $55.00.

Stokes Seed Store.

219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

The BEST VALLEY Pips in America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of Forcing Pips at $1.50 per 100; $12.00 per 1000.

Return at our expense if not satisfactory on arrival. We ship all over the U. S., and supply all the year around.

FANCY CUT VALLEY ALWAYS ON HAND

H. N. BRUNS, Long Distance Phone 1409-11 Madison St., **Chicago**

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. **RICKARDS BROS., Props.**

Importers and Growers of High Grade

SEEDS, BULBS, PLANTS, Etc.

37 East 19th Street, NEW YORK CITY

NEAR BROADWAY. TELEPHONE 4235 GRAMERCY

Mention The Review when you write.

Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.

Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.

Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.

Begonia Gracilis Luminosa, bedder, new, with large, bright scarlet flowers and ball-shaped habit, unexcelled for pots and outdoors. 6 tr pkts., $2.50; tr. pkt., 50c.

Cyclamen, giant-flowering, separate colors. 1000 seeds, $6.00; tr. pkt., $1.00.

Cyclamen, giant-flowering, mixed colors. 1000 seeds, $5.00; tr. pkt., 75c.

Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.

Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.

Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.

Phlox New Cecily, the very best large-flowered, real dwarf, compact. Drum. Phlox for pots, mixed colors, 6 tr. pkts., $2.50; tr. pkt., 50c.

Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.

Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations.

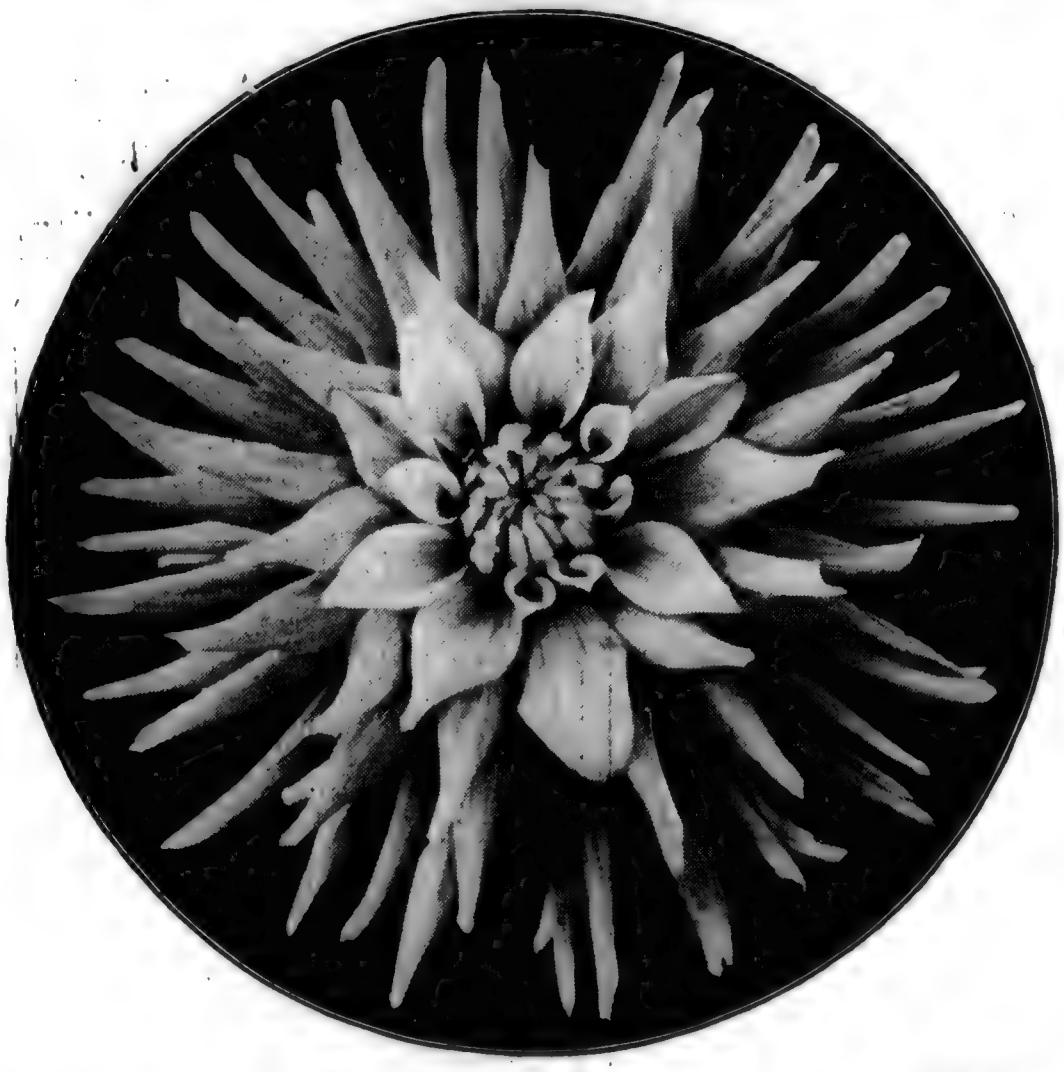
O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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Dreer's Select Dahlias

VARIETIES SPECIALLY SUITED FOR CUT FLOWERS

Strong dormant field roots, grown at our own Nurseries where every precaution has been taken in the handling, and our customers may depend on receiving stock absolutely true to name.



	Per doz.	Per 100
A. D. Livoni, (Quilled). Pink	$1.00	$8.00
Aegir, (Cactus). Warm cardinal red	1.00	8.00
Aunt Chloe, (Cactus). Rich black maroon	1.00	8.00
Admiral Dewey, (Decorative). Rich French purple	1.00	8.00
Baron Schroeder, (Decorative). Purple with bluish shadings	1.00	8.00
Catherine Duer, (Decorative). The favorite Newport red	1.00	8.00
Clifford W. Bruton, (Decorative). Bright yellow	1.00	8.00
Countess of Lonsdale, (Cactus). Pleasing salmon	1.50	10.00
Eva, (Cactus). Medium sized, pure white	2.50	15.00
Earl of Pembroke, (Cactus). Rich plum color	1.00	8.00
Fire-rain, (Decorative). New brilliant red	3.00	20.00
Floradora, (Cactus). Blood red	2.50	15.00
Florence N. Stredwick, (Cactus). A grand white	2.50	15.00
Flora, (Cactus). The ideal white	4.00	30.00
Frute, (Cactus). Soft rose-pink, passing to cream centre	2.50	15.00
Gigantea, (Giant). An immense creamy white	2.50	15.00
Gorelinde, (Cactus). Finest yellow	2.50	15.00
Grand Duke Alexis, (Quilled). Standard ivory white	1.50	10.00
Hohenzollern, (Cactus). Bronzy orange	1.00	8.00
Keyne's White, (Cactus). Free flowering white	1.00	8.00
Kriemhilde, (Cactus). Soft pink	1.50	10.00
Lyndhurst, (Decorative). Brilliant red	1.00	8.00
Lenau, (Cactus). Coral red suffused apricot	4.00	30.00
Mary D. Hallock, (Quilled). A useful yellow, very free	1.00	8.00
Mme. Alfred Moreau, (Show). A fine large pink	1.50	10.00
Miss May Loomis, (Show). White suffused with soft rose	1.50	10.00
Mrs. Winters, (Decorative). Fine white	1.00	8.00
Mrs. Roosevelt, (Giant). Pink	2.50	15.00
Nymphaea, (Decorative). Light pink	1.00	8.00
Sylvia, (Decorative). Soft pink	1.00	8.00
Standard Bearer, (Cactus). Rich fiery scarlet	1.00	8.00
Strahlein Krone, (Cactus). Intense cardinal red	1.00	8.00
Thuringia, (Cactus). Very large, fiery red	4.00	30.00
Uncle Tom, (Cactus). Deep maroon	2.50	15.00
Victor von Scheffel, (Cactus). Beautiful soft pink	2.50	15.00
Volker, (Cactus). A grand yellow	1.50	10.00
Winsome, (Cactus). A fine white	1.50	10.00
Wm. Agnew, (Decorative). Brilliant red	1.00	8.00
White Swan, (Show). A good white of medium size	1.50	10.00
Walthari, (Cactus). Sulphur shading to white center	4.00	30.00
Zephyr, (Cactus). Crimson carmine	2.50	15.00
Zulu, (Decorative). Deep maroon shaded black	1.00	8.00

SINGLE CENTURY DAHLIAS

Good divided roots—field-grown stock.

	Per doz.	Per 100
Crimson Century. Rich velvety crimson	$2.00	$15.00
Scarlet Century. Brilliant rich scarlet	3.50	25.00
White Century. Large pure white	4.00	30.00
Twentieth Century. The standard single	1.50	10.00

For full descriptions of the above as well as for a complete list of all the good varieties of Dahlias, new as well as standard sorts, see our current **QUARTERLY WHOLESALE LIST** just issued, which also contains offers of all seasonable Plants, Bulbs and Seeds.

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Colored or **Mixed**	oz.	$0.75
Petunia, double large-fl. fringed	tr. pkt.	1.00
" single large-fl. fringed	tr. pkt.	.50
Salvia Splendens	oz.	1.00
Stocks, large-fl. 10 Weeks'	tr. pkt.	.25
" Dwarf Snowflake	tr. pkt.	.25
Begonia, Dwarf Vernon	tr. pkt.	.25
" Vulcan	tr. pkt.	.25
" Erfordi	tr. pkt.	.25

W. C. BECKERT, Allegheny, Pa.

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Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made now or early spring.

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Successors to L. K. Peacock, Inc. **ATCO, N. J.**

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Our bulbs are not better than the best, but better than the rest.

TRY THEM.

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SYLVANIA, OHIO.

Tuberous-Rooted Begonias

SINGLE VARIETIES

	1000	100
Del. Pink	$25.00	$2.75
Scarlet	25.00	2.75
Crimson	25.00	2.75
White	25.00	2.75
Yellow	25.00	2.75
Orange	25.00	2.75
Deep Rose	25.00	2.75
Salmon	25.00	2.75
Copper Bronze	25.00	2.75
Finest Mixed to order	25.00	2.75

Single Fringed Begonias

These are rather new, but very handsome.

	Doz.	100
Scarlet	$1.75	$12.50
Rose	1.75	12.50
Salmon	1.75	12.50
White	1.75	12.50
Yellow	1.75	12.50
Orange	1.75	12.50
Mixed of all colors	1.50	10.00

Single Crested Begonias

A most unique form of flower, novel and interesting.

	Each	Doz.
Salmon	$0.25	$2.75
Pink	.25	2.75

Our bulbs come from the best specialist in Europe. **Bulbs are more than first size and sound.**

	Each	Doz.
White	$0.25	$2.75
Yellow	.25	2.75
Copper	.25	2.75
Scarlet	.25	2.75
Mixed of all colors	.20	2.20

DOUBLE VARIETIES

	1000	100
Del. Pink	$34.00	$4.00
Deep Rose	34.00	4.00
Scarlet	34.00	4.00
Crimson	34.00	4.00
White	34.00	4.00
Yellow	34.00	4.00
Orange	34.00	4.00
Copper	34.00	4.00
Finest Mixed to order	34.00	4.00

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United States Representative and Grower of **GROFF'S HYBRIDS,** Mixtures and Collections to color. Fine mixtures of all colors, named novelties of rare beauty. Write for catalog.

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J. B. MURDOCH & CO.
545 Liberty Ave., Pittsburg, Pa.
Western Pennsylvania Headquarters for Fancy American Beauties, Roses and Novelties in Carnations
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DETROIT.

The Market.

Good news! Detroit had a little sun, but hardly enough. Saturday morning a straw hat would not have felt out of place, but along toward noon a cold wind started blowing and by evening people began to wear earlaps. These sudden changes occur about every week, and, as a result, the florists are rushed with funeral work.

Roses are unusually scarce. Carnations are a little more plentiful. Considerable bulbous stock is now coming in; therefore the scarcity of roses and carnations is not so noticeable as a few weeks ago.

Various Notes.

We are wondering why the little European maple, Acer campestre, is not more universally used in ornamental grounds. It is a little tree of regular, roundish shape and very hardy. Its foliage, a beautiful, solid green, somewhat resembles a large clover leaf. Some specimens of this tree, branched from the ground up to the top, planted a few years ago in Woodlawn cemetery, attract much attention. E. Ferrand, the veteran tree culturist, says that the English maple makes a fine, compact hedge that will stand clipping in any shape.

S. S. Skidelsky informs the writer that he is more than pleased with the sales of Schroeter's Rose-pink Enchantress stock. It has been found necessary to withdraw the advertisements from the trade papers, for the time being, in order to catch up with the orders.

The opening, February 2, of the fine new dry goods store of Pardridge & Blackwell called for a number of elaborate designs and baskets.

There is little enthusiasm among the stores here over McKinley day. This is probably one reason why not more carnations are sold. Several hundreds were sold over the counter. H. S.

Appleton, Wis.—B. Zuelke & Co., of Riverside greenhouse, have decided to build a $10,000 greenhouse plant in the spring.

Brookville, Ind.—Martin Weber has built a greenhouse 50x120. He will raise early vegetable and florists' miscellaneous stock.

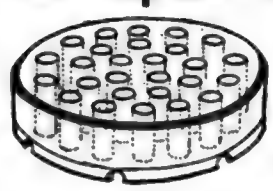
Holdredge, Neb.—W. E. Davidson will add three greenhouses to his plant. One, 10x100, for propagating plants; one, 27x100, for propagating carnations and another, 6x100, for violets. The present building will be used principally for roses.

CUT FLOWER BOXES
WATERPROOF. Corner Lock Style.
The best, strongest and neatest folding Cut Flower Box ever made. Cheap, durable.
To try them once is to use them always.

Size No. 0	3x4x20	$2.00	per 100,	$19.00	per 1000
" No. 1	3x4½x16	1.90	"	17.50	"
" No. 2	3x6x18	2.00	"	19.00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28.50	"
" No. 6	3x8x28	3.75	"	36.00	"
" No. 7	6x16x20	5.50	"	54.00	"
" No. 8	3x7x21	3.00	"	28.50	"
" No. 9	5x10x35	6.50	"	62.00	"
" No. 10	7x20x20	7.50	"	67.00	"
" No. 11	3½x5x30	3.00	"	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.
THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.

The "Japana" Cut Flower Holder



A handy article for florists. Sells to the trade on sight. Made of glass in three sizes.
The "Anglais" Table Decoration, something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating. Ask for catalog.
Dept. A.
M. V. Garnsey LA GRANGE, ILL.
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Cut Flower and Design Boxes
PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.
THE BLOOMER BROS. CO., ST. MARYS, O.
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EDWARDS FOLDING BOX CO
MANUFACTURERS
PHILADELPHIA, PA.
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Our circulation covers the whole trade in Great Britain and the cream of the European firms.
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SIZES IN STOCK	Per 100
3 x 4 x 20	$ 4.00
3 x 5 x 24	4.50
3 x 7 x 21	4.50
6 x 6 x 24	6.80
4 x 12 x 24	9.00
6 x 12 x 24	10.50
6 x 12 x 30	12.50
5 x 12 x 36	14.00
6 x 12 x 36	15.00
6 x 15 x 42	20.00
6 x 15 x 48	23.00

Write for samples. Special prices on case lots.
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INCORPORATED
BELLEVILLE, ALA.
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SHIPPING BOXES, CORRUGATED and
PARAFFINED LIVE PLANT BOXES
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Chrysanthemum
By Arthur Herrington
Formerly president Chrysanthemum Society of America.
The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.
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Mid-winter Flowers
Of all the Standard Varieties in any quantity.
GARDENIAS, Choice Flowers, in Quantity.

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Philadelphia, Feb. 6.

	Per doz.	
Beauties, Specials	$9 00 to	$10.00
" Extra	6.00 to	7.50
" Medium	3.00 to	5.00
" Short	1.00 to	2.00
	Per 100	
Brides and Bridesmaids, Fancy	$15.00 to	$18.00
" " Select	10.00 to	12.00
" " Ordinary	5.00 to	8.00
Richmond, Liberty, Fancy	25.00 to	30.00
" Select	10.00 to	15 00
" Ordinary	5.00 to	8.00
Killarney, Chatenay, Select	12.00 to	15.00
" " Ordinary	5.00 to	8.00
Golden Gate, Select	12.00 to	15.00
" " Ordinary	6.00 to	10.00
Carnations, Fancy		6.00
" Select	4.00 to	5.00
" Ordinary	2.00 to	3.00
Harrisii Lilies.....per doz., $2.00		
Adiantum Cuneatum		1.00
" Hybridum		1.50
Asparagus Plumosus, Strings	50.00 to	75.00
" Sprays, bunch.....50c		
" Sprengeri, bunch...50c		
Smilax	12.50 to	15.00
Valley	3.00 to	5.00
Camellias.....per doz., $3.00		
Cattleya Trianæ		50.00
Cypripediums		15.00
Callas .....per doz., $1.50 to $2.00		
Violets, Single	.35 to	.50
" Double	.75 to	1.00
" White		1.50
White Cattleyas		50.00
Gardenias		40.00
Pansies	.75 to	1.00
Snapdragon	3.00 to	4.00
Sweet Peas	.75 to	1.50
Daisies, White and Yellow	1.50 to	3 00
Roman Hyacinths	2.00 to	3.00
Paper White Narcissus	3.00 to	4.00
Mignonette, Fancy		8.00
" Ordinary	2.00 to	4.00
Single Daffodils		4.00
White Lilacs..... per bunch,	1.00 to	2.00
Freesias	2.00 to	5.00
Golden Spur	5.00 to	6.00
Tulips	4.00 to	5.00
Double Daffodils		5.00

Cleveland, Feb. 6.

	Per doz.	
Beauties, Specials		$6.00
" Extra		4.00
" Select		3.00
" No. 1		2.00
" Shorts		1.00
	Per 100	
Brides and Bridesmaids	$ 6.00 to	$15.00
Carnations	3.00 to	5.00
Violets	1.00 to	1.50
Sweet Peas	1.00 to	1.50
Pansies	1.00 to	1.50
Tulips	3.00 to	4.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri, "	2.00 to	4.00
Smilax		15.00

Milwaukee, Feb. 6.

	Per 100	
Beauties, Medium	$15.00 to	$18.00
" Shorts	6.50 to	10.00
Bride and Bridesmaid	6.00 to	10.00
Golden Gate, Chatenay	6.00 to	10.00
Richmond	8.00 to	10.00
Perle	6.00 to	10.00
Carnations	2.00 to	4.00
Valley		3.00
Stevia		2.00
Violets	.50 to	.75
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays		3.00
" Sprengeri, "		3.00
Smilax		15.00
Adiantum		1.00
Paper Whites, Romans		3.00
Callas		18.00
Trumpet Major		3.00

I WOULD about as soon stop the business as stop the REVIEW.—C. R. YOUNG, New Portage, O.

W. E. McKISSICK, Wholesale Florist
1221 FILBERT STREET, PHILADELPHIA
Red Tulips, Golden Spur and Von Sion
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Choice Flowers, Leucothoe Sprays, Selected Galax, $7 50 per case.
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15 DIAMOND SQUARE
217-223 DIAMOND STREET
All Cut Flowers and Florists' Supplies

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FANCY FERNS and GALAX—High-Grade Stock
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Wholesale Commission Florist. H. V. Pearce, Prop.
6 Adams Ave. West, Detroit, Mich.
Home Phone 164. Bell, Main 974.
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Store opens 7 a. m., closes 8 p. m.
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New York, Feb. 4.

	Per 100
Beauties, Specials	$60.00 to $ 75.00
" Fancy	35.00 to 50.00
" Extra	20.00 to 35.00
" No. 1	10.00 to 20.00
" No. 2	8.00 to 10.00
" Shorts	4.00 to 6.00
Brides and Maids, Special	12.00 to 15.00
" " Extra	10.00 to 12.00
" " No. 1	6.00 to 8.00
" " No. 2	3.00 to 5.00
Golden Gate, Chatenay	3.00 to 20.00
Killarney	3.00 to 20.00
Richmond	5.00 to 25.00
Orchids, Cattleyas	40.00 to 60.00
Cypripediums	10.00 to 12.00
Gardenias	20.00 to 35.00
Carnations, Common	2.00 to 3.00
" Selects	3.00 to 5.00
" Fancies and novelties	6.00 to 10.00
Violets	.50 to 1.00
Adiantum Cuneatum	.50 to 1 00
" Croweanum	1.00 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	12.00 to 20.00
Lily of the Valley	1.00 to 3.00
Smilax	8.00 to 12.00
Paper Whites	1.00 to 2.00
Callas	10.00 to 15.00
Hyacinths	1.00 to 2.00
Tulips	2.00 to 3.00
Lilacs	bunch, 75c to 1 50
Daisies	1.00 to 3.00

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Write for Special Prices

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Wholesale Cut Flower Prices.

Chicago, Feb. 6.

	Per doz.
Beauties, long stems	$ 6.00 to $8.00
" 36-inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75
	Per 100
Bridesmaids, Specials	$16.00 to $20.00
" Firsts	6.00 to 8.00
Brides, Specials	10.00 to 20.00
" Firsts	6.00 to 8.00
Richmond, Specials	15.00 to 25.00
" Firsts	6.00 to 12.00
Liberty	6.00 to 25.00
Golden Gate, Firsts	10.00 to 18.00
" " Seconds	6.00 to 8.00
Killarney	8.00 to 25.00
Uncle John	6.00 to 20.00
Perle	6.00 to 15.00
Chatenay	6.00 to 20.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00 to 6.00
Violets, double	.75 to 1.00
" " single	.50 to 1.00
Cattleyas..per doz., $6.00 to $7.50	
Dendrobium—	
Formosum....doz., $3.00 to $5.00	
Cypripediums...doz., 2.00	
Harrisii	15.00 to 18.00
Callas	12.00 to 15.00
Valley	2.00 to 4.00
Jonquils	4.00 to 5.00
Tulips	3.00 to 5.00
Sweet Peas	1.00 to 1.50
Paper Whites, Romans	3.00 to 4.00
Freesias	4.00
Mignonette	6.00 to 8.00
Asparagus, Strings	50.00 to 60.00
" Sprays, per bunch....75c	
" Sprengeri, " 25-35c	
Ferns.....per 1000, $2.50 to $3.00	.25
Galax.....per 1000, 1.00 to 1.50	.15
Adiantum Cuneatum	1.00 to 1.50
" Croweanum	2.50
Smilax.....per doz., $1.50 to $2.00	12.00 to 15.00

Buffalo, Feb. 6.

	Per doz.
Beauties, Specials	$8.00
" Fancy	6.00
" Extra	4.00
" First	2.50
	Per 100
Brides and Maids, Extra	$12.00 to $15.00
" " No. 1	10.00 to 12.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 20.00
Golden Gate	5.00 to 10.00
Perle	5.00 to 8.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	.75 to 1.25
Stevia	1.00 to 1.25
Romans and Narcissi	2.50 to 3.00
Freesias	2.00 to 4.00
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00

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Cincinnati, Feb. 6.

	Per 100.
Beauties Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	12.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 12.00
Kaiserin	4.00 to 12.00
Liberty	6.00 to 20.00
Meteor	4.00 to 12.00
Perle and Sunrise	3.00 to 8.00
Carnations	2.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.50
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Tulips	3.00 to 4.00

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ST. LOUIS, MO.

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Wholesale Cut Flower Prices.

St. Louis, Feb. 6.

	Per doz.
Beauties, Specials	$ 4.00 to $6.00
" Extra	2.50 to 3.00
" Shorts	1.00 to 2.00
	Per 100
Brides and Maids, Specials	$ 8.00 to $15.00
" " No. 1	5.00 to 6.00
Golden Gate	6.00 to 15.00
Richmond	6.00 to 15.00
Carnot	6.00 to 15.00
Carnations, Common	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.50 to .75
Paper Whites	2.00 to 3.00
Romans	1.00 to 3.00

Pittsburg, Feb. 6.

	Per doz.
Beauties, Specials	$ 6.00 to $ 7.50
" Fancy	4.00 to 5.00
" Medium	2.00 to 3.00
" Short	.75 to 1.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " Medium	$10.00 to 12.00
" " Short	4.00 to 6.00
Richmond, Specials	20.00
" Select	15.00
" Ordinary	6.00 to 10.00
Killarney	8.00 to 20.00
Chatenay	8.00 to 15.00
Perle	4.00 to 10.00
Bon Silene	4.00
Cusin	4.00 to 8.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4.00 to 5.00
Sweet Peas	1.00 to 1.25
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	.75 to 1.25
Paper Whites	3.00
Roman Hyacinths	2.00 to 4.00
Freesias	2.00 to 4.00
Tulips	3.00 to 4.00
Cypripediums	15.00

Wholesale Cut Flower Prices.

Boston, Feb. 6.

	Per 100.
Beauties, Specials	$50.00 to $100.00
" Extra	20.00 to 40.00
" Short Stems	8.00 to 20.00
Brides, Specials	12.00 to 16.00
" Seconds	5.00 to 8.00
Bridesmaids, Specials	12.00 to 16.00
" Seconds	6.00 to 8.00
Chatenay	6.00 to 16.00
Wellesley, Killarney	8.00 to 20.00
Liberty, Richmond	8.00 to 35.00
Carnations, Special	4.00 to 6.00
" Select	3.00 to 3.50
" Ordinary	2.50
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00
Adiantum Cuneatum	.50 to 1.00
Smilax	10.00 to 12.00
Harrisii	12.00 to 16.00
Violets	.30 to .75
Cattleyas	35.00 to 40.00
Callas	16.00
Antirrhinum	2.00 to 4.00
Sweet Peas	.75 to 1.50
Mignonette	2.00 to 8.00
Paper Whites, Romans	2.00
Tulips	2.00 to 4.00
Daffodils	3.00 to 5.00
Freesias	3.00 to 4.00

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Will take proper care of your orders in **WISCONSIN**

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J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

GEO. S. MURTFELDT

MINNEAPOLIS, MINN.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

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119 No. 16th Street, OMAHA, NEB.

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838 Canal Street, New Orleans, La.

Always mention the Florists' Review when writing advertisers.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

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Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

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FLORIST 238 Fulton St. Near Clark St. Tel. 334 Main. **Brooklyn, N. Y.**

NORTH PACIFIC COAST

The H. Harrington Co.

912 SECOND AVE. SEATTLE, WASH.

ORDERS FOR

WASHINGTON, D. C.

WILL BE CAREFULLY EXECUTED BY

F. H. KRAMER,

916 F Street, N. W.

INDIANAPOLIS.

No Exhibition This Year.

At the annual meeting of the stockholders of the Indiana Floral Festival and Chrysanthemum Association January 27, it was decided that no show should be held by the association this year nor until such time as a suitable hall can be obtained. An invitation had been extended to the Chrysanthemum Society of America to participate in the show that was to have been held in this city next November, but it was decided today that this invitation should be withdrawn. At the time the invitation was extended it was thought Indianapolis would have a coliseum by the time the show was to be held. The stockholders of the association decided at their meeting that there would not be a coliseum at that time, and that there was no assurance that Tomlinson hall would be available for a show.

The Indiana State Florists' Association had passed resolutions to aid in every way the show that was to have been held in November. At the meeting today it was decided to contribute $50 toward the guarantee fund for the national flower show at Chicago in 1908.

The following officers were elected: President, F. L. Mayer; vice-president, F. M. Ayres; treasurer, William Milholland; general manager, John Bertermann; secretary, Irwin Bertermann.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

From—	Steamer—	To—	Sails—
Momus	New Orleans	Havana	Feb. 9
K. Luise	New York	Naples	Feb. 9
K. Wm. II	New York	Bremen	Feb. 12
Vaderland	New York	Paris	Feb. 13
Cedric	New York	Egypt	Feb. 16
Momus	New Orleans	Havana	Feb. 16
Trent	New York	Barbados	Feb. 16
Hamburg	New York	Gibraltar	Feb. 18
Saxonia	Boston	Liverpool	Feb. 19
Main	New York	Bremen	Feb. 21
Cymric	Boston	Liverpool	Feb. 21
Momus	New Orleans	Havana	Feb. 23
K. Albert	New York	Genoa	Feb. 23
Canopic	Boston	Egypt	Feb. 23
Cassel	New York	Bremen	Feb. 24
Kronprinz	New York	Plymouth	Feb. 26
Oceanic	New York	Liverpool	Feb. 27
Friedrich	New York	Naples	Mar. 2
Momus	New Orleans	Havana	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Momus	New Orleans	Havana	Mar. 9
Hannover	New York	Bremen	Mar. 14
Momus	New Orleans	Havana	Mar. 16
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Momus	New Orleans	Havana	Mar. 23
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THE landscape architects are all busy with plans for spring work.

FIRE January 26 destroyed the residence of John M. Miller, at Decherd, Tenn.

A MAN named Rose is chairman of the committee on horticulture in the lower house of the Illinois legislature.

THE landscape features of the Jamestown Exposition will be elaborate by comparison with those of other similar fairs, and by comparison with the exposition as a whole.

"The Gipsy Moth and How to Contral It" is the title of Farmers' Bulletin No. 275, by L. O. Howard, just issued by the U. S. Department of Agriculture.

E. S. WELCH, proprietor of the Mount Arbor Nurseries, Shenandoah, Ia., has gotten out a neat little folder containing cuts of the various department buildings.

WALTER BUTLER, Chillicothe, O., who recently sold out his greenhouse plant to C. A. Johnson, of Chicago, has purchased a piece of property on which he will start a nursery.

IT is reported that Frank Heinl, of Jacksonville, Ill., is thinking of going into the nursery business on a rather extensive scale. He is a member of the state legislature and of its committee on horticulture.

C. H. ALLEN, of Rochester, Minn., wants it understood that Rochester, N. Y., is not "the only pebble on the beach" in the nursery business. As yet the Minnesota city's nursery interests do not rival those of the Flour City, but Mr. Allen's business is growing steadily.

IT is reported that a nursery is to be started at Joliet, Ill., land having already been rented. A corporation with $20,000 capital will be formed. T. C. Shepherd is to be the practical man and L. H. Hyde the office manager. Colonel Bennitt is reported to be interested in the project.

THIS is the first season for the Blue Earth County Nursery, Mankato, Minn., but they have booked quite a little busines for spring delivery through a 40-page catalogue. The names of the officers, Ole Andengaard and M. L. Gjestrum, are a guarantee of a persistence which will eventually result in a good business.

THE 1907 seed catalogue of Montgomery Ward & Co., Chicago, devotes 21 pages to nursery stock, with the statement, "you will be glad to know we have arranged to supply you with trees, etc., from one of the best nurseries in the country—our nursery is located about twenty miles from Chicago; it has been in operation fifty years."

No tree for city planting has made more rapid progress in public esteem these last few years than has Salisburia adiantifolia, the ginkgo, or maidenhair tree. It is not only immune from the ordinary attacks of insects but endures unnatural conditions better than most. It is in request for planting along the narrow strips of sod between sidewalk and pavement in cities.

TENNESSEE NURSERYMEN MEET.

The second annual meeting of the Tennessee State Nurserymen's Association was held at Nashville, January 30, the morning session at the Toulane hotel, the afternoon session at the University of Tennessee, and in the evening a smoker with the agricultural committees of both branches of the state legislature, at which there was informal discussion of the horticultural laws of the state.

Papers were read as follows: "Why Retail Nurserymen Should Push the Sale, Through Their Agents, of Light Grades of Nursery Stock, Especially One-Year Apple," by J. C. Hale; "Problems to Be Solved by the Fruit Growers of Tennessee," by R. A. Wilkes, of Culleoka; "Packing and Shipping Nursery Stock," by H. Nicholson, of Winchester; "Pear Blight," by J. A. Foreman, of Sylvia; "The Growing of Pears in the Nursery and Their Care in the Orchard," by W. H. Smith, of Franklin.

Officers were reëlected, as follows: President, J. C. Hale, Winchester; secretary, G. M. Bently, Nashville. In his talk on pushing the sale of young stock in preference to older trees, President Hale said he had had several years' experience on the road as a salesman of nursery stock, and it was his experience that the agent could sell what he tried most to sell. It is his opinion that the one-year tree is better for both nurserymen and planter, as it is cheaper to produce, and as a rule more one-year plants out of any given number will live than will two-year plants. The stock is suited to this climate and, generally speaking, better results are received from it.

A general discussion followed the talk, during which many members took part. The question was thoroughly aired. Some were of the opinion that better results could be obtained by the use of the one-year plant, while others found objections. It was admitted that the one-year tree had its disadvantages as well as its advantages, but the majority of those who took part in the discussion favored it.

BARGAINS

100,000 Roses, 2¼-inch pots.
100,000 Shrubs for transplanting.
50,000 Viburnum Plicatum, 18 inches to 6 feet.
50,000 Large Privet, 4 to 6 feet.
600,000 Herbaceous Plants, field-grown or pot plants. Send for wholesale list.

ELIZABETH NURSERY CO., Elizabeth, N. J.

Mention The Review when you write.

3 NEW CANNAS

WILLIAM SAUNDERS

The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that Wm. Saunders is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA

Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.

NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 13 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK

Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.: $35.00 per 100.

Send for our list and prices of 60 other leading varieties of Cannas.

ROSES, are our great specialty. 2¼ and 4-inch pot plants we have in great variety — **Philadelphia Rambler, Crimson Rambler, Dorothy Perkins** and other climbers in strong field plants.

SHRUBBERY, in variety. **Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.**

SEND FOR OUR PRICE LISTS.

THE CONARD & JONES CO., WEST GROVE, PA.

Mention The Review when you write.

AMERICAN BEAUTY ROSES A Fine Lot

Two years, field-grown, budded on Manetti; all of our own growing; strong, sturdy, well ripened, hard-wooded, American grown stock.

Price.....$15.00 per 100; write for prices on large lots

Send for our **Spring Price List, now ready**; largest stock and completest assortment of Roses in the country; leading kinds, either budded or on own roots. List showing varieties, **quantities available**, and prices sent on request to those in the trade.

JACKSON & PERKINS CO. Nurserymen and Florists Wholesale only **Newark, New York**

Mention The Review when you write.

Forcing Plants

Azaleas
Rhododendrons
Lilac Rubra de Marley
Deutzia Gracilis
Crimson Rambler
Magna Charta Rose
General Jacq. Rose

Pyramidal Box Trees, 4-5 feet. Barberry Thunbergi

Nursery Stock Supplied to Florists

Trees, Shrubs, Roses, Clematis, Evergreens

Send for our wholesale trade list.

W. & T. Smith Co., Geneva, N. Y.

Mention The Review when you write.

THE ECLIPSE GRAPE.

"Some fifteen years ago," says E. A. Riehl, of Alton, Ill., "hoping to produce a red or black grape having the good qualities of the Niagara, I gathered a lot of seed of that variety where it was likely it had been cross-pollenized with other good varieties, and sowed it, producing several thousand seedlings. These were closely watched during the first season, and all that did not look promising destroyed. About fifty of the most promising were planted. When they came into bearing such as promised well enough were given numbers, and have been grown since to determine their true value, it being the intention to retain none unless it promised to fill some want better than any other grape now in cultivation. After ten years' trial No. 10, now named Eclipse, is the only one that I think fills a place better than any other in cultivation. Some of the others are good grapes, and had they been produced twenty-five years ago, would have been considered acquisitions. Some were fine growers, healthy and productive, but the fruit not good enough, others had good quality, but not productive; others again had no fault except weak foliage. The color of Eclipse is black, bunch and berry medium, earlier than any other that I have ever grown, and I have tested all varieties sent out the past forty years. Quality is the best; it has the good quality of its parent, Niagara, of hanging on the vine a long time after it is ripe without deteriorating in quality, and does not crack in wet weather like so many otherwise good grapes. The vine is a good, healthy grower, holding its foliage until after heavy frost. It has never been injured in the least by winter's cold. It is a good bearer. If it has any fault, I have not discovered it. I believe it merits a place in every collection for earliness and high quality, and should prove valuable where other varieties do not ripen owing to shortness of the season."

Rose Plants

on own roots. NOW READY.
Get our list before buying.

C. M. NIUFFER, Springfield, Ohio

THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR Specialty Get our figures

88-91 Plymouth Place, CHICAGO

NEW ENGLANDS' WHOLESALE NURSERIES.

Headquarters for ORNAMENTAL Nursery Stock of every description.
Evergreen and Deciduous Trees, Shrubs, Vines, Roses, RHODODENDRONS, Azaleas, Box Trees, HERBACEOUS PERENNIALS.
General Catalogue free. Wholesale Trade List on application.

BAY STATE NURSERIES, -- NORTH ABINGTON, MASS.

Mention The Review when you write.

47,960 Low Budded Roses in 26 Varieties

I offer for February delivery from my cellars here, the entire Surplus Roses grown by the Heikes-Biloxi Nurseries. No. 1, $95.00 per 1000; No. 1½, $65.00 per 1000.
Privet Cuttings, $1.25 per 1000; 10,000 for $10.00. Correspondence solicited.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

CHAS. HAWKINSON NURSERY
EXCELSIOR, MINN.

Mention The Review when you write.

H. P. ROSES

Choice two and three years, named, $1.50 per doz. Plenty of **La France**, $9.00 per 100. **Clematis Paniculata**, $1.00 per doz., $8.00 per 100. **Transplanted Pansies**, 75c per 100; $5.00 and $10.00 per 1000. **Smilax** seedlings, fall-sown, $3.00 per 1000. Season is over for **Peonies.**

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.
Wholesale price list on application.
We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W. Peterson Ave., **Chicago**

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Hardy Roses

A large stock of extra fine H. P. Roses at greatly reduced prices.

Call's Nurseries, Perry, Ohio

Mention The Review when you write.

2-year-old **ROSES** 4-inch pots

P. & W. Cochets and Crimson Rambler, 7c; La France, Meteor, Hermosa and Soupert, 8c; Diesbach, Dinsmore, Charta and Laing, 9c; Gen. Jacqueminot and Paul Neyron, 10c; Marechal Niel, 15c; Baby Rambler, 18c.
101 choice sorts in 2½-in. pots.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

Mention The Review when you write.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Manetti

STOCKS, now ready, $8.50 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

Mention The Review when you write.

EVERGREEN

An Immense Stock of both large and small size EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

Mention The Review when you write.

PACIFIC COAST.

SIDEWALK TREES.

Among the many varieties of trees for sidewalk planting in California there are none more suitable under ordinary conditions than the various varieties of nut trees. In many sections they have been planted quite extensively and much satisfaction has been derived from them.

Among the first on the list the walnut should be mentioned. Under favorable circumstances the tree attains an immense size. Specimens over sixty feet high, with a spread of over 100 feet, make them most effective objects. The walnut prefers a loamy, rich soil, finding its greatest luxuriance in the bottom lands in our seacoast country. It is practically free from insect pests and when once established requires little pruning, unless for the purpose of shaping the tree, or cutting off those branches which show an inclination to grow downward. Interfering branches in later years should be removed, but care must be taken to not over-prune. Of the best varieties to plant it is probable that the California black walnut makes the most suitable tree. It is of exceedingly rapid growth and is indigenous to both the central and northern parts of the state.

The almond has also found much favor here as a sidewalk tree. It is of fairly quick growth and requires a light, warm, well-drained situation, where there is no liability of an excess of moisture. In training, it should be handled like the peach, for the first three years, to secure a well-shaped tree. After that there should be no cutting done unless to remove objectionable branches. It buds and blooms quite early in the season and it is occasionally nipped by spring frosts, but these do not interfere to any extent with its growth.

The well-known Spanish chestnut is another of our valuable trees for sidewalk planting and its symmetrical shape, quick growth and heavy green foliage make it ideal for that purpose. It does not like pruning and much care must be taken if branches have to be cut. It grows naturally symmetrical, however, and can always be relied upon to stand erect.

Where there is sufficient moisture to spare, the seedling pecans have made satisfactory road trees and are of quite distinct growth from anything we have had here previously. They like shelter to some extent, until they are well started, when, if the soil does not dry out too much in the summer time, they will make a heavy growth.

The eastern butternut resembles our walnut to some extent and is of equally vigorous growth, with a wide spreading top and grayish bark. Like the walnut, it does not stand much trimming and only unruly branches should be cut.

This rule applies to all the nut trees to a great extent and can be generally followed. The only objection to the use of these trees for sidewalk planting is that they take up considerable room on the sidewalk and will not admit of much pruning; but as far as beauty is concerned we have nothing to excel them and an avenue of any of the above mentioned varieties is a sight to be remembered. G.

ULRICH BRUNNER
ULRICH BRUNNER

FIELD-GROWN, OWN ROOTS, VERY FINE, THREE GRADES, LOW PRICES.

Cochet (pink and white) and **Teplitz**, nice plants at $5.00 per 100; also some for $3.50 per 100, prime for lining out, all from the field.

Don't delay if you want to get in on this.

CALIFORNIA ROSE CO., POMONA, CAL.

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for present delivery are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

Greens

A crate of finest **HUCKLEBERRY** delivered to you, express prepaid, for $5.00. Will please you. Green and bronze, and first-class. **Cheap, too.**

S. L. Harper, Florist, 912 C St., Tacoma, Wash.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

The excessive moisture of the last three weeks has given way to bright sunshine and warm nights and we are in line to have an abundance of outdoor stock in a few days. Daffodils are already commencing to make their appearance and narcissi of various kinds are at their height. Violets are plentiful and cheap and are being used in large quantities for all purposes. A few Marie Louise and Swanley White are seen, but the Princess seems to fill all requirements.

Of indoor stock there has been an abundance for several days and from present indications there will be no shortage for some time. Carnations are good and, although they are not being cut to the limit of capacity, they are in good quantity. Of roses there is still a slight scarcity and but little fancy stock is seen. Brides have been scarce since the first of the year, but in the line of Bridesmaids and Beauties, there is little to complain of.

Valley moves slowly, as do all varieties of bulbous stock. We have had much trouble since the first of the year to get sufficient quantities of ferns and asparagus to supply the wants of the retailers.

Business has only been fair with the retailers for the last two weeks. The weather, until the present week, has been unfavorable for transient trade and all the dealers have to rely on is funeral work. This has been fully up to the record of former years.

Various Notes.

D. McKeany, the well-known Irvington nurseryman, is in town.

A visit to the nurseries of F. Ludemann shows great activity in out-of-town shipments. Great quantities of ornamentals are handled at this place, as well as Japanese imported stock.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Cyclamen Per. Giganteum, 2-in., $5 per 100.

Cineraria, Prize Strain, 4-inch, $4.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Hybrid Delphinium, Burbank's Strain, all shades of blue. This strain has been much improved the past year. 25c per 1000 seeds; $1.50 per oz.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.

305 N. Broadway, LOS ANGELES, CAL.

Mention The Review when you write.

Thorsted & Co., of Fruitvale, are contemplating the purchase of an additional tract of land in the vicinity of their greenhouses, with the intention of enlarging their plant.

H. Hayashi, of Alameda, reports a heavy spring trade in the ornamental and rose line. Mr. Hayashi will shortly commence the erection of several carnation houses at his Elmhurst place.

George Rosmarin is cutting about 5,000 narcissi daily. He has one of the largest patches of bulbs in this neighborhood.

The scarcity of coal continues and the growers who depend on it for their heat have been put to much inconvenience. A majority of the wholesalers, however, are using oil as fuel.

Wild maidenhair has made its appearance and it is in the nature of a godsend to the retailers. Never have adiantum and asparagus been so scarce as this season and relief is now in sight, which will tide over until we again have plenty of tame maidenhair. G.

..BEACON CARNATION..

(ORANGE-SCARLET)

At its best from Nov. 1 to April 1. Just when Scarlets are in demand.

Originated At
ELLIS, MASS.

Has Again Demonstrated

Its Commercial Value.

Causes you no fret and worry to get returns. It works for you right along.

This season, of 1906-7, it has been grown and tested by the following:

THE COTTAGE GARDENS CO., Queens, N. Y. ..... 5000 Plants
E. A. STROUD, Strafford, Pa. ..... 1000 Plants
THE PARK FLORAL CO., Denver, Colo. ..... 50 Plants

PRICES: Per 100.....$12.00; 50 at 100 rate. Per 1000.....$100.00; 250 at 1000 rate.
Per 2500....$95.00 per 1000. Per 5000....$90.00 per 1000. Per 10,000....$80.00 per 1000.

We are prepared to make prompt delivery.

The Cottage Gardens Co.
QUEENS, N. Y.

PETER FISHER,
ELLIS, MASS.

Send For Descriptive Circular. Mention This Paper.

ROOTED
Carnation Cuttings

	Per 100	Per 1000
Mrs. T. Lawson	$1.50	$10 00
Lady Bountiful	2 50	17.50
White Lawson	2.50	20.00
White Perfection	5.00	45.00
Victory	5 00	45.00
Robt. Craig	5.00	45.00
Helen Goddard	5 00	45.00
President	2.50	20.00
Morning Glory	1 50	12.50
Lieut. Peary	2.50	20 00
Enchantress	2.00	18.00

Eli Cross, Grand Rapids, Mich.

.....THE.....
Rose-Pink Enchantress

Is the best and the most profitable pink carnation in sight. If ever you had a good thing on your bench you will be sure to find one in the

Rose-Pink Enchantress

Ask me who has it in your neighborhood, and I will unhesitatingly refer you to your own neighbor. It is THE carnation to grow.

Price:—Strong rooted cuttings, $7.00 per 100; $60.00 per 1000. Address

S. S. SKIDELSKY
824 No. 24th St., PHILADELPHIA, PA.

Rooted Rose Cuttings

Strong, well rooted cuttings, Bride, Maid, Golden Gate, Chatenay, $1.50 per 100; $12.50 per 1000. Richmond, $2.00 per 100; $18.00 per 1000.

Asparagus Plumosus, 2¼-inch, $3.00; 3-inch, $5.00. **Sprengeri,** 3-inch, fine, $4.00.

W. H. GULLETT & SONS, Lincoln, Ill.

We wish to ANNOUNCE TO THE TRADE that we have withdrawn our Crimson Carnation

POCAHONTAS

from the market, at least for this season, and perhaps permanently. During the last few weeks of dark weather it has shown an inclination to contract a disease which if allowed to get any headway would speedily ruin it for commercial growing. The strain of dissemination and subjection to changed methods of culture would undoubtedly cause it to go to pieces right away, and knowing the circumstances it would be unjust to the variety and the trade to let it go out. We will continue to grow it as our main crimson, and if it throws off the disease entirely we may let it go out later, but not until we feel assured that it will trot, and be a credit to us. While we regret this very much, we are grateful that it showed this weakness before we had begun sending out the stock.

A. F. J. Baur BAUR & SMITH F. S. Smith
38th St. and Senate Ave., Indianapolis, Ind.

Mention The Review when you write.

Carnation Cuttings

For February Delivery.	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60 00
Helen Goddard	6.00	50 00
Robert Craig	6.00	50 00
Queen Louise	1.25	10 00

W. B. GIRVIN, Leola, Pa.

Mention The Review when you write.

ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12 50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15 00
Moonlight	2.00	15.00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12 50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now will be ready for February and March delivery. Send for price list.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

Carnation and Chrysanthemum Cuttings

	100	1000
BOSTON MARKET	$2.00	$15.00
LORNA	2.00	15.00
PROSPERITY	2.50	20.00
ENCHANTRESS	2.50	20.00
ETHEL WARD	2.50	20.00
LADY BOUNTIFUL	2.50	20.00
THE BELLE	2.50	20.00
NELSON FISHER	2.50	20.00
ROBT. CRAIG	6.00	50.00
ROSE-PINK ENCHANTRESS	6.00	50.00

SEND FOR DESCRIPTIVE LISTS

	100	1000
Timothy Eaton	$2.00	
Clementine Touset	4.00	$35.00
White Bonnaffon	2.00	15.00
Ivory	2.00	15.00
October Sunshine	2.00	15.00
Major Bonnaffon	2.00	15.00
Golden Wedding	2.00	15.00
Walter Molatsch	2.00	15.00
President Smith	2.00	15.00
Balfour	2.00	15.00
Glory of Pacific	2.00	15.00
J. K. Shaw	2.00	15.00
Marie Liger	2.00	15.00
Maud Dean	2.00	15.00
Dr. Enguehard	2.00	15.00

SOUTH BEND FLORAL CO., IRVING GINGRICH, Manager **South Bend, Ind.**

Mention The Review when you write.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

Mention The Review when you write.

MILWAUKEE.

The Market.

The market fluctuated about the same as the weather last week. The shortage of roses still continues, but carnations are coming in freely. Light colors find a good market, but colored stock, especially of inferior grades, reduces the average. Plenty of 25 cents per dozen signs are displayed in the downtown district. One florist advertised carnations at that figure in one of the daily papers during the week. This is low for midwinter, and nearly all commodities on the rise.

Various Notes.

N. J. Rupp, of the Moninger Co., and a representative of the Advance Ventilator Co., were in the city during the week, looking up prospective builders.

Nic Zweifel is seriously ill at his home, in North Milwaukee. He had just returned from Toronto and was taken ill soon after arriving home.

Bulb stock is now beginning to arrive in larger quantities.

NEW CASTLE, IND.

The South Park Floral Co., whose greenhouses cover four blocks in this city, will build no more on their present site, but are casting about for a suitable place in the country. When the plant started it was out of town, but the rapid growth of the city has brought the greenhouses down town, so to speak, besides which the ground on which the greenhouses are situated has become quite valuable. As new houses are needed, the company will build in the country and, little by little, will vacate the present location.

ALL our replies have mentioned the REVIEW.—GOSHEN FLORAL CO., Goshen, Ind.

Rooted Carnation Cuttings

	100	1000		100	1000
White Perfection	$6.00	$50	The Belle	$2.50	$20
Light Pink Lawson	6.00	50	White Lawson	2.50	20
Glendale	6.00	50	Enchantress	2.50	20
Victory	6.00	50	Mrs. T. Lawson	2.00	15
Robt. Craig	6.00	50	Nelson Fisher	2.50	20
Cardinal	4.00	35	Harry Fenn	2.00	15
Fiancee	3.50	30	Estelle	2.00	15
Lady Bountiful	2.50	20	Boston Market	1.50	12
			White Cloud	1.00	8

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG

Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.

Asparagus Plumosus, 2¼-in., $2.50; 3-in., $5.00; 4-in., $8.00; 6-in., $20.00.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

First-class CARNATION CUTTINGS that will give satisfaction

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$15.00
Cardinal	25.00	Mrs. Lawson	15 00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

5 per cent discount for cash with order.

HENRY BAER, R. F. D. 3, **Peoria, Ill.**

Mention The Review when you write.

Orders now booked for rooted cuttings of CARNATION

HELEN GODDARD

January, 1907, delivery.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.00
Geraniums, 10 var., my selection, 2-2½-in.	3.00
Asp. Plumosus and Sprengeri, 2-in.	1.75
Pansy Plants, $3.00 per 1000, from frames	.50

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

Mention The Review when you write.

Seasonable Stock

	100	1000
Baby Primrose, 2½-in.	$2.00	
Carex Japonica, 2½-in.	2.50	
Coleus, 10 sorts, 2½-in.	1.80	$15.00
Geraniums, 2½-in., Jno. Doyle, La Favorite, Jean Viaud, S. A. Nutt, Heteranthe, Mme. Salleroi	2.50	25.00
Heliotrope, purple, 4 good sorts, 2½-in.	2.50	
Vinca Variegated, 4 in.	7.00	
Violets, 2½-in., Princess of Wales, California and Luxonne	2.50	20.00
Hardy Pink Hibiscus, Moscheutos, 1-year-old field plants, fine stock	3.00	25.00
Hardy Hibiscus, crimson eye, 1-year-old field plants	2.50	
Ferns, Boston, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Piersoni, 2½-in.	3.00	25.00
" " 3-in.	6 00	
" Scottii, 2½-in.	3.00	

ROSES, 150 sorts, 2½-in. and 4-in. Write for prices. Send for our General Trade List of Roses, Carnations, Geraniums, Mums, Miscellaneous Bedding plants, Coleus, Cannas, Hardy Shrubbery and Plants, Palms and Miscellaneous Flowering and Ornamental plants. **Send for it today.**

SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3 00 per doz; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes. 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

Always Mention the FLORISTS' REVIEW When Writing Advertisers

ROOTED CUTTINGS OF ROSES

Richmond	per 100, $1.50	per 1000, $12.50	Carnot	per 100, $2.50	per 1000, $20.00
Kaiserin	" 2 50	" 20.00	Bride	" 1.50	" 12.50
Perle	" 2.50	" 20.00	Bridesmaid	" 1.50	" 12.50
MacArthur	" 2.50	" 20.00	Chatenay	" 1.50	" 12.50

ROOTED CUTTINGS OF CARNATIONS

Enchantress	per 100, $2.50	per 1000, $25.00	Gov. Wolcott	per 100, $1.50	per 1000, $15.00
Lady Bountiful	" 2.50	" 25.00	Prosperity	" 2.00	" 15.00
Lawson	" 1.50	" 15.00	Harlowarden	" 2.00	" 15.00

OUR CUTTINGS ARE ALL STRONG, HEALTHY AND WELL ROOTED.
We sell 500 at 1000 rate. All Cuttings Shipped from HINSDALE, ILLINOIS.

Bassett & Washburn Store and Office, 76 Wabash Ave., Chicago
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

Chrysanthemum Novelties

Miss Clay Frick

(the White Duckham), young stock now ready, 2½-in. pots, the finest stock you ever bought of a new variety.

My list is mailed you. If you did not receive it write me.

CHARLES H. TOTTY
Madison, N. J.

Mention The Review when you write.

Clean, Healthy, Well Rooted
Carnation Cuttings
READY NOW

	Per 100	Per 1000
Victory	$6 00	$50.00
Enchantress	2.00	18.00
White Lawson	3 00	25.00
Lady Bountiful	3.00	25.00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12 50
Boston Market	1 50	12.50

VAUGHAN & SPERRY
58-60 Wabash Ave. CHICAGO

Mention The Review when you write.

MABELLE
NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. No discount. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

FINEST OF YOUNG STOCK

Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 1908.

	R. C. per 1000	2½-in. per 100	2½-in. per 1000	3½-in. per 1000
Maid	$18.00	$4 50	$40.00	$55.00
Bride	18.00	4 50	40.00	55.00
Gate	18.00	4.50	40.00	55.00
Uncle John	18.00	4 50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4 50	40.00	55.00
Perle	20 00	5.00	45.00	60.00
Sunrise	20.00	5.00	45.00	60.00
Rosalind Orr English	20.00	5.00	45 00	60.00
Kaiserin Augusta Victoria	4.50		40.00	55.00

CARNATIONS

	Rooted Cuttings per 100	per 1000	2½-in. per 100
White Lawson	$3.00	$25.00	$4.00
L. Perry	3.00	25.00	4.00
Gov. Wolcott	2.50	20.00	3 50
Pink Lawson	2.00	17.50	3.00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25.00	5.00
Red Lawson	4.00	35.00	5.00
Prosperity	2.50	20.00	3.50
Patten	2.00		
Variegated Lawson	4.00	35.00	5.00
Glendale	5.00		6.00

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.
1,000,000 FEET OF GLASS

Send Cut Flower Orders to **35 Randolph St., CHICAGO.**
Send Plant Orders to Greenhouses, **Morton Grove, Ill.**

Mention The Review when you write.

ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c. **Vinca var.,** 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. **German Ivy,** 60c. **Fuchsias,** $1.00. Giant Marg. **Daisies,** white, $1 00. **Alternantheras,** red and yellow, 50c. **Heliotropes,** blue, 85c. **Verbenas,** mixed, 60c. Cash.

Umbrella Plants, 2-in., $1.50 per 100.
Ferns, Scottii and **Piersoni,** 2¼-in., 3c.
Cyclamen gigan., mixed seedlings, ready to transplant, **Dreer's** best seed, $1.25 per 100, prepaid. Cash. **SHIPPENSBURG FLORAL CO.**
Shippensburg, Pa.

Mention The Review when you write.

CARNATION CUTTINGS READY

FINEST, CLEAN, HEALTHY STOCK	100	1000
Robt. Craig, Candace	$5.00	$40.00
Enchantress	2.00	17.00
Crusader	1.75	12.50
Boston Market, Harlowarden	1.50	12.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00

Unrooted cuttings at half price, except Craig.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

Mention The Review when you write.

Always Mention the
FLORISTS' REVIEW
When Writing Advertisers

ROOTED CUTTINGS CARNATION
Helen Goddard

Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 10.0.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Fenn	20.00
Red Sport	25.00	Mrs. Patten	20 00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

Mention The Review when you write.

Rooted Cuttings

Enchantress	per 100, $2.50
Lawson	" 2.00
The Queen	" 2.00
Wolcott	" 2.00
Queen Louise	" 1.00

B. E. Wadsworth, Box 224, **DANVILLE, ILL.**

Mention The Review when you write.

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

ELMIRA, N. Y.

The directors of the United States Cut Flower Co. held a meeting in the offices of the Compton Realty Co. January 30, at which it was decided to immediately increase the capacity of their plant at Elmira Heights fifty per cent. The company has eighteen greenhouses, each 200 feet long, and will add eighteen more, which will be each 100 feet long.

These new houses will be completed and ready for planting by July 1. This will give a total of 150,000 square feet of glass, and they expect later to enlarge very materially.

The officers of the company are: President and general manager, Wm. R. Compton; directors, William R. Compton, Francis Inksater, H. N. Hoffman, H. C. Mandeville and Seymour Lowman. Among the stockholders are J. Sloat Fassett, John Brand and G. L. St. Johns, president of the New York Steam Co.

The company was organized in the early part of 1903 and began business in 1906. It purchased sixty-six acres on the flats between this city and Horseheads and erected one set of houses which made it one of the largest concerns of the kind in the country.

Its business has proved to be successful, and the demand for its products has already exceeded its capacity. It does a wholesale business, solely, and deals in cut flowers throughout New York state and in Pennsylvania. It specializes in carnations, roses, Easter lilies, sweet peas, lilies of the valley, calla lilies, smilax and maidenhair fern.

It was originally incorporated for $600,000 and additional stock will be issued as fast as the company's plant is enlarged. When the total growth has been reached Elmira will become the cut-flower center of New York state.

Mr. Compton stated that Elmira is excellently located for this industry. The eighteen new houses will cost $25,000.

MANCHESTER, MASS.

The North Shore Horticultural Society held its regular meeting February 1, President McGregor in the chair. The subject for discussion was "Annuals," continued from the last meeting. The 1906 entertainment committee completed its duties by providing music and refreshments for the evening. Messrs. Menken, Dodge and Morrison were appointed to succeed the old committee. The schedule for 1907 has been issued and distributed. The rose show will be held June 26 and 27 and the summer show August 28 and 29. W. T.

GRAND RAPIDS, MICH.—John Baker, who is located about half a mile south of the city limits, suffered the loss of his greenhouse by fire Sunday morning, January 27. The value of the property destroyed was about $1,500.

VERBENAS 60 FINEST VARIETIES PERFECTLY HEALTHY

Rooted cuttings, our selection	$0.75 per 100;	$6.00 per 1000
Plants, our selection	2.50 per 100;	20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100;	8.00 per 1000
Plants, purchaser's selection	3.00 per 100;	25.00 per 1000

CARNATIONS CHOICE ROOTED CUTTINGS FREE FROM DISEASE

Robt. Craig, scarlet, very productive; **My Maryland,** pure white, good stems; **Cardinal,** scarlet, good flowers; **Jessica,** white, penciled with scarlet, price $6.00 per 100; $50.00 per 1000.

Crisis, Lady Bountiful, Enchantress, price $3.00 per 100; $25.00 per 1000.

Mrs. M. A. Patten, Judge Hinsdale, Flamingo, Buttercup, price $2.00 per 100; $20.00 per 1000.

Mrs. Thomas Lawson, The Queen, price $2.00 per 100; $17.50 per 1000.

Golden Beauty, Prosperity, Gov. Roosevelt, Queen Louise, price $2.00 per 100; $15.00 per 1000.

Mrs. E. A. Nelson, Dorothy, Wm. Scott, Flora Hill, Ethel Crocker, Eldorado, Mrs. Joost, Portia, price $1.50 per 100; $12.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,

$120.00 per 1000.

—Order now.—

ROBERT SCOTT & SON,

SHARON HILL, DEL. CO., PA.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 100		Per 1000
Red Lawson	$25.00	Enchantress	$18.00
White Lawson	20.00	Candace	50.00
Pink Lawson	10.00	Robert Craig	50.00
Varieg'd Lawson.	25.00	Cardinal	25.00
Fiancee	25.00	Estelle	15.00
Mrs. Patten	20.00	Lord	10.00
Jessica	45.00	Harlowarden	15.00
Lady Bountiful	18.00	Prosperity	15.00
My Maryland	40.00	Boston Market	10.00

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK. LONG ISLAND, N. Y.

Mention The Review when you write.

Ferns From Bench

Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; runners, $1.50 per 100.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds, $1.00. Paris Daisy, giant white, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds 50c. Flowering Begonias, 8 kinds, $1.25. Rex Begonias, 20 kinds, mixed, $1.25. Mums—Tranter, Alliance, Weeks, Enguehard, $1.25. Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa**

Mention The Review when you write.

Carnation Cuttings Ready for immediate shipment

Victory	per 100,	$6.00	per 1000,	$50.00
Pink Patten	"	5.00	"	40.00
Var. Lawson	"	4.00	"	30.00
Lady Bountiful	"	3.00	"	25.00
Enchantress	"	2.50	"	20.00
B. Market	"	1.50	"	12.50

We can also give you immediate delivery on **Winsor,** one of the best novelties ever offered to the trade.

Jensen & Dekema, 674 W. Foster Ave., Chicago

Mention The Review when you write.

ROSES

We have 50,000 now in 2-inch, about ready to shift. Send orders in now and say when you want shipped.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

STOCK FOR SALE.

4-inch Vinca, variegated	per 100,	$5.00
2-inch Vinca, variegated	"	2.00
4-inch Boston Fern	"	10.00
4-inch Piersoni Fern	"	10 00
3-inch S. A Nutt Geranium	"	3 00
3-inch La Favorite Geranium	"	3.00
2½-inch Red Achyranthes	"	2 50

Cash, please. **Tipton Floral Co., Tipton, Ind.**

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

FUCHSIAS

Little Beauty, strong, 2¼-in., $4.00 per 100. Ready now.

COLEUS

10 varieties, including Verschaffeltii and Golden Bedder. Absolutely free from mealy bug. Ready now 2-inch, $2.50 per 100.

Cash with order.

Lakeside Greenhouses, Erie, Pa.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER

1101 Fifth Ave. PEORIA, ILL.

Formerly Cation Greenhouse Co.

Cinerarias

We have an extra fine lot now in 2½, 3 and 4-in. for Easter blooming and will make a special price for all orders received up to February 10. 2½-in., regular $5.00 at $3.50; 3-in., regular $8.00 at $6.00; 4-in., regular $12.50 at $10.00. Cash please.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Boston Ferns

5-in. extra heavy, a bargain.....$2.50 per doz.
3-in., fine for growing on.....$8 00 per 100
Ivy Geraniums, rooted cuttings.. 1.50 per 100
Vincas, rooted cuttings..... 1.00 per 100
Dracaena Indivisa, 5-in., 35 in. high, $3.00 per doz. Cash with order, please.

Converse Greenhouses, Webster, Mass.

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DAISIES

Queen Alexandra, 2-in., $1.50 per 100.

CANNAS—Pennsylvania, M. Washington, $2.00 per 100. Niagara and Buttercup, $4.00 per 100.

BABY CALLAS—3-in., $3.00 per 100.

P. A. BAKER, Media, Pa.

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We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

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Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
Nelson Fisher (cerise)	2.00	17.50
LIGHT PINK		
Enchantress	2.50	22.50
VARIEGATED		
Mrs. Patten	2.00	17.50

WHITE	Per 100	Per 1000
Boston Market	$1.25	$10.00
Lady Bountiful	2.00	17.50
White Lawson	3.00	25.00
RED		
Robert Craig	6.00	50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Sunrise	3.00	25.00

	Per 100	Per 1000
Uncle John	$1.50	$12.50
Chatenay	1.50	12.50
Ivory	1.50	12.50
Perle	2.00	17.50

BENCH PLANTS

One-year-old plants from benches, Liberty, Ivory, Perle, ready now, $5.00 per 100; $40.00 per 1000. American Beauty, March delivery, $10.00 per 100; $75.00 per 1000.

Peter Reinberg

51 Wabash Ave., CHICAGO

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CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

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NEW DOUBLE PETUNIA

THE QUEEN

a wonderful bloomer; flowers from four to four and one-half inches in diameter; white mingled with purple, nicely fringed; an early bloomer; fine seller for Decoration Day; planted outdoors will bloom all summer. Strong plants, ready Feb. 15, $1.50 per doz.; $10.00 per 100; $90.00 per 1000.

THE YATES FLORAL CO.

Joseph Traudt, Prop. Canajoharie, N. Y.

Scranton Florist Supply Co.

SCRANTON, PA.

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Nephrolepis

Whitmani, 2¼-in.....$10.00 per 100
Boston, 2¼-in..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

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Wholesale Trade List

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $3.00 doz.
Boston Ferns, 6-in. pots, 25c.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

Mention The Review when you write.

Canna Roots Alemannia, Shenandoah, Austria, Henderson, Pennsylvania, Italia, Mlle. Berat, F. Vaughan, $2.00 per 100; $17.50 per 1000. West Virginia, Mrs. Kate Gray, $3 00 per 100; $25.00 per 1000.
Rubbers, 4-in., $3.00 per doz.; 5-in., $4.00 per doz.
Asp. Sprengeri, 3-in., $4.00 per 100.
Hibiscus, in variety, $2 50 per 100.
Ferns—Boston, Scottii, 2-in., $3.00 per 100. Tarrytown, $2.50 per 100.
Coleus cuttings, 60c per 100; $5.00 per 1000.
THE NATIONAL PLANT CO., Dayton, O.

Mention The Review when you write.

DENVER.

The Market.

The retailers had no cause for complaint during the last week as everything sold out clean at good prices and there was hardly enough stock to fill orders, roses being especially scarce. Consequently there is some grumbling among the retailers.

Carnations have also felt a firmer undertone; the cut is not large and there is quite a demand. They are fine for this time of the year, though some could stand improvement in strength of stem. Lawson, Enchantress and Victory are perhaps the best.

Carnation day was observed more this year than heretofore, the papers commenting on it more this year than last. Lawson and red were mostly sought after.

Double daffodils are beginning to come on the market, and the scarcity of roses is throwing some demand on these, as well as on tulips and hyacinths.

Trade in flowering plants is good, many people turning to these in preference to cut flowers.

Green goods are light in supply, asparagus and maidenhair being the shortest and smilax not over plentiful.

Various Notes.

Despite the recent cold weather and snow on the mountains, the heron's bill, or hemlock stork's bill, is blooming just west of Manitou. This establishes a new record for floriculture in the Pike's Peak region.

The firm of the Scott Floral Co. has been dissolved, E. J. Reynolds retiring. Philip Scott will continue the business. Mr. Reynolds left last week for Seattle.

The Gallup Floral & Seed Co., of Cleveland place, is getting ready to move into a new store at 819 Sixteenth street.

E. S. K.

ORANGE, N. J.

The regular monthly meeting and annual smoker of the New Jersey Floricultural Society, was held February 1. Brief addresses were made by J. Austin Shaw, Robert Barry, Neil Campbell and William F. Ross, who were among the invited guests. The following displays were made: Rare orchids, by the Julius Roehrs Co.; Carnation Winsor, by F. R. Pierson; seedling carnation, by Henry Hornacker, and exhibits by the usual neighboring estates.

J. B. D.

Louisville, Ky.—J. B. Stuessy will open a retail cut flower store February 10 at 417 East Market street.

DAHLIAS
PLANTS AND BULBS

Surplus bulbs. Over sixty varieties of dahlias, fancy stock. Guaranteed true to name. Vigorous. Free from insects and fungi. The cream of a list of five hundred different kinds from which, in our newly erected greenhouses, we shall develop sturdy, perfect plants for Spring trade. Practical experience and perfect facilities will produce the cream of selection. Your inquires are invited.

POSTUM CEREAL CO., Ltd.
Garden Dept., Battle Creek, Mich.

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CANNAS

Large, Plump, 2-3 Eye Pieces. Extra Fine

ALL TRUE TO NAME

	100	1000
Burbank, 3 ft.	$1.75	$15.00
Chas. Henderson, 3-4 ft.	2.00	17.50
Crimson Bedder, 2½-3 ft.	3 00	25.00
Chas. Molin, 3½-4 ft.	1.75	15.00
David Harum, 3-3½ ft.	4.00	35.00
Director Holtze, 3 ft., XXX.	6.00	50.00
Egandale, 4 ft.	3.50	30.00
Elizabeth Hoss, 3½ ft., XXX.	3.00	25.00
Florence Vaughan, 5 ft.	2.00	17.50
J. Colette Rochaine, 4½ ft.	1 75	15 00
Musafolia, 7-8 ft., XXX.	3.00	25.00
Mme. Crozy, 2½-3 ft.	3.00	25.00
Martha Washington, 2½-3 ft.	3.00	25 00
Mme. Berat, 4 ft.	1.75	15.00
Oscoda, 2 ft., XXX.	3.00	25.00
Pierson's Premier, 3-4 ft.	2.50	20.00
Pennsylvania, 5 ft., XXX.	2.00	17.50
Robusta, 6 ft.	1.75	15.00
The Express, 2-2½ ft., XXX.	6 00	50.00

NATHAN SMITH & SON
ADRIAN, MICH.

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Ageratum

Little Blue Star, a new dwarf. R. C., 75c; 2¼-in., $2.00 per 100.

Alternantheras, in best four varieties. Can supply in 1000 and 10 000 lots.

Asparagus Plumosus, 2¼, 3 and 4-in., $3.00, $6 00 and $9.00 per 100.

Asparagus Sprengeri, 2¼, 3 and 4-in., $2.00, $4.00 and $8.00. Special prices in on 1000 lots.

Cannas—150 000 in the 50 best varieties. Descriptive list now ready.

Perennial Plants—50,000 field and pot-grown. Descriptive list now ready.

The MOSBAEK GREENHOUSE CO.
ONARGA, ILL.

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WE ARE BOOKING ORDERS FOR
NEPHROLEPIS AMERPOHLII
THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.
JANESVILLE FLORAL CO., Janesville, Wis.

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Special For EASTER

We have some fine plants of **Hydrangeas,** that will bloom. 1-year-old, 7-in pots, 60c to 75c; 2-year-old, 8-in. pots, $1.00 to $1.25; 3-year old, 9-in. pots, $1.25 to $1.50, if taken at once. **Azaleas,** 60c, 75c and $1.00, for immediate sales. Ask for our Fern, Mum, Carnation and Miscellaneous lists.

GEO. A. KUHL, Pekin, Ill.

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Beautiful New Pink Rose
AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

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New Pink Rose
Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Always mention the Florists' Review when writing advertisers.

CANNAS Two and three eyes to each root, in perfect condition and strictly true to name.

	100	1000
Admiral Schley, 3 ft., gilt-edge.	$2.50	$20.00
Alemannia, 5 to 7 ft., Orchid-flowered. Scarlet and yellow.	2.00	15 00
Crimson Bedder, 3 ft., crimson.	2.50	20.00
David Harum, 4 ft., bronze leaf.	2.50	20.00
Egandale, 4 ft., bronze leaf.	3.00	
Florence Vaughan, 5 ft., yellow.	2.00	15.00
King Edward, 4½ ft., scarlet.	2.50	20.00
Little Gem, 1½ to 2 ft., gilt-edge, superb.	4.00	30.00
Mme. Crozy, 4 ft., gilt-edge.	2.50	20.00
Mrs. Kate Gray, 5 to 6 ft., orchid-flowered, orange scarlet.	2.50	20.00
Pres. Carnot, 4 ft., bronze leaf.	2.00	15.00
Pres. McKinley, 3 ft., crimson.	2.00	15.00
West Grove, 4 ft., pink.	3.00	
Yellow Crozy, 3½ ft., pure yellow	3.00	25.00
Mixed	1.50	10.00

DAHLIAS, Strong, field-grown roots.

New double. Amethyst, Aristocrat, Harzer Kind, Landrat, Dr. Scheiff, Medusa, Neck, $2.50 per doz. Apollo, Trudchen Pape, $3.00 per doz. Spotless Queen, first prize N. Y. Dahlia Show, $5.00 per doz.

Double Dahlias. Britannia, Black Prince, Bridesmaid, Capstan, Chas. Woodbridge, Columbia, Cycle, Firebrand, Gloriosa, Harmony, Island Queen, John H. Roach. Kingfisher, Konigen Wilhelmina or Queen of Holland, Mr. Moore, Mrs. Montefiore, Oban, Ruby, Strohlein Kronne, Wm. Agnew, Wm. Cuthbertson, $1.00 per doz.; $6.00 per 100. Grand Duke Alexis, $1.25 per doz.; $8.00 per 100. Kriemhilde, pink, superb, $1.25 per doz.; $7 50 per 100.

Single Dahlias. 20th Century, Lavender Century, Pres. Viger, $1.25 per doz.; $8.00 per 100. Crimson Century, $1.50 per doz.; $10.00 per 100. Scarlet Century, $2.00 per doz.; $15.00 per 100. Descriptive circular giving full particulars, mailed free to the trade for the asking.

J. T. LOVETT, Little Silver, N. J.

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..ORCHIDS..
Importations 1907

Get quotations from us on them—we save you money. Cattleya Mossiae, Gigas, Trianae, Labiata, Schroederae, Vanda Coerulea, Dendrobium Wardianum and Nobile. Write today.

JULIUS ROEHRS CO.
The largest Orchid Growers and Importers in the United States.
Rutherford, N. J.

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ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O. Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

ORCHIDS Direct from the Collectors

For Spring and Summer Delivery.

We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids. Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

A. HELD, 11-19 William St., NEW YORK

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

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SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KEIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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Palms and Ferns

ASPARAGUS PLUMOSUS

2-inch.....per 100, $3.00
3-inch.....per 100, 6.00
4-inch.....per 100, 12.00

PRIMULA SINENSIS

4-inch.....per doz., $1.50
5-inch.....per doz., 2.00

Write for complete price list.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, CHICAGO

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DAHLIAS...

15 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, Oban, Queen Victoria, Admiral Dewey, Gloriosa, Frank Smith, Orange King, Catharine Duer, Maid of Kent, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per 100; $45.00 per 1000.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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NEW SINGLE GERANIUM

SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

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NEPHROLEPIS WHITMANI,

Strong plants, from 2½-in. pots, $10.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2½-in. pots, $5.00 per 100.

P. R. QUINLAN, Syracuse, N.Y.

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Always Mention the....
Florists' Review
When Writing Advertisers.

FUCHSIAS

Black Prince
Mrs. Gladstone
Marinka
Speciosa

Minnesota **Lieut. Mauritz** **White Phenomenal** **Elm City**
Rose Phenomenal **Minister Boucher** **$2.50 per 100**
Our selection, 6 varieties, 1000 for $20.00.

Hardy Pompon Chrysanthemums

Large-Flowering or Aster varieties.....$3.00 per 100
Small-Flowering or button varieties..... 2.00 per 100
1000 our selection of 50 varieties, all sorts for $20.00.

MISCELLANEOUS GREENHOUSE PLANTS

	Per 100		Per 100
Ageratums, Inimitable	$3.00	**Lobelia** Crystal Palace Gem	1.50
" Stella Gurney	2.00	**Hardy English Ivy,** extra strong	2.00
" dwarf white	2.00	**Panicum Variegated,** for hanging baskets	2.00
Alternantheras, red and yellow, 5 var.	2.00	**Senecio Scandens,** Parlor Ivy	2.00
Begonias, Vernon, white and pink	2.00	**Tradescantia,** dark variegated	2.00
Lemon Verbenas, Aloysia Citriodora	2.00	**Dahlia Roots,** mixed	4.00

CASH WITH ORDER.

A cordial invitation is extended to all interested in Horticulture to visit us. Cowenton Station, Philadelphia division, B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

Araucarias Our Specialty

Araucaria compacta robusta and **glauca** is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old, 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa. 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high 6-inch pots, 50c; $5.00 per dozen.

FERNS—All raised in pots and not on bench, as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in., very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a washtub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

Areca Sapida, 6-in., 50c each.

CASH WITH ORDER

When ordering, say whether the plants should be shipped in pots or not. All goods must travel at risk of purchaser.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA

FROSTED ANTIRRHINUM.

During the cold snap on January 16 my boiler burst, and I lost my crop of antirrhinums. What I want to know is, will they start again in the spring and give me a crop later, or had I better put in a boiler now and start to fire? Will it pay me to try and start them.

J. C.

The antirrhinum would probably start from the bottom again, as they withstand quite a little frost. They would break weakly, however, and we would not advise leaving them in. There are, however, other crops which might be gotten in without delay and which would pay well. A good strain of ten weeks' stock is one. Feverfew planted now would be right for Memorial day. A first-class strain of candytuft may be sown. Gladioli also could be planted and would bring remunerative prices before outdoor ones come in. We would suggest getting a new boiler right away. Many plants could be moved from other houses and soon fill the vacant one. Quantities of bedding plants could be raised from seed, and tomatoes make a profitable summer crop if it is not desired to plant flowering stock. Secure and sow a batch of Comet, Sterling Castle or some other good greenhouse tomato for this purpose. Empty houses do not pay. Get it under crop as quickly as possible. C. W.

York, Pa.—Charles A. Schaefer, who has a store on the corner of West street and Pennsylvania avenue, has opened another store at 110 East Market street. He has some exceptionally fine carnations.

Springfield, Ill.—Frank Heinl, a brother of the young men in Joseph Heinl & Sons Co., at Jacksonville, and son of the founder of that prosperous business, is a member of the house committee on appropriations and of the committee on horticulture. He is expected to be the means of getting for the florists an appropriation for greenhouses at the State Experiment Station.

A Grand Fern Novelty

We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants OF OUR OWN GROWING on and after October 15, next. To see it is to know it is the best Fern on earth. STOCK LIMITED.

WM. P. CRAIG

1305 Filbert Street, PHILADELPHIA

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CHRYSANTHEMUMS

Strong, stock plants from bench, $5.00 per 100—Monrovia, Polly Rose, Glory of Pacific, Yanariva, Niveus, Lord Hopetoun, Gen. Hutton, Helen Bloodgood, Golden Wedding, Dr. Enguehard, Church Major Bonnaffon, Convention Hall, Mrs. J. J. Mitchell, Wm. Duckham, Gold Mine, Marie Liger, Alice Byron, Salter, Lincoln, Superba, Golden Hair, Timothy Eaton, Yellow Eaton, Chadwick, Col. D. Appleton, Mrs. Jerome Jones, Yanoma, Mrs. Coombes, Balsley.

VINCA VAR.—Field clumps, grown on in trays, first size, $5.00; second size, $4.00; third size, $3.00 per 100. 25 at 100 rate. Cash with order or satisfactory references.

J. J. ARNOLD, HOMER, N. Y.

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SEASONABLE STOCK

CANNAS—Alsace, Austria, Charles Henderson, David Harum, Duke of Marlborough, Italia, Mme. Berat, Shenandoah, $2.00 per 100; $17.00 per 1000. Beaute Poitevine, Crimson Bedder, Egandale, Florence Vaughan, Queen Charlotte, Souv. de Antoine Crozy, $3.00 per 100; $25.00 per 1000. (See Catalogue No. 5 for complete list.)

AZALEA MOLLIS—Grand for forcing, bushy and full of buds; 12 to 15-in. high, $25.00 per 100; 15 to 18-in. high, $35.00 per 100.

RHODODENDRON—Bushy, bright foliage, full of buds. Forcing varieties. 18 to 20-in. high, $9.00 per doz.; 20 to 24-in. high, $12.00 per doz.

TUBEROUS-ROOTED BEGONIAS—White, pink, scarlet, crimson and yellow single flowered, $2.50 per 100; double flowered, $4.50 per 100.

GLOXINIA BULBS—Separate colors, white, red, violet, violet bordered white, and red bordered white, $4.00 per 100.

The Storrs & Harrison Co.

PAINESVILLE, OHIO.

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Hello! Here We Are:

D. U. AUGSPURGER & SONS, Peoria, Ill.

BOX 778.

WE HAVE JUST WHAT YOU ARE LOOKING FOR

BOSTON FERNS in all sizes at prices that will interest you. Write for them.

Elegantissima Ferns, 2½-in.	per 100,	$5 00
" " 3-in.	"	9 00
Piersoni Ferns, 2½-in.	"	4.00
" " 3-in.	"	8.00
Sprengeri, 2-in.	"	2.50
Feverfew, 2-in.	"	3.00
Mme. Sallerol, 2-in.	"	3 00
Vinca Variegata, 2-in., 1000, $25.00	"	3 00
Double Petunias, 2-in.	"	3.00
Fuchsias, 2-in.	"	3 00

20,000 CYCLAMEN SEEDLINGS,

Fine plants, with two or more leaves, with bulbs as large and larger than buck shot, in five separate colors, grown from best quality seed, at $1.00 per 100. 8.00 per 1000.

We are sending them all over the United States and they are giving universal satisfaction.

ORDER NOW before the stock is exhausted.

Mention The Review when you write.

AZALEAS

It is Time to Prepare for Easter

I have about 10,000 in perfect condition for Easter, all well budded and shapely plants, 50c, 75c and $1.00 each.

Araucarias, 4 tiers	50c each
" 5 tiers	65c each
Rubbers, 18 inches high	25c each
Cyclamens and **Cinerarias,** 4-inch	$10.00 per 100
" 5-inch	15 00 per 100
Obconicas, 4-inch	$1.00 per doz.
" 5-inch	1.50 per doz.

Boston Ferns, 2¼-in., $2 50 per 100; $20.00 per 1000. 3-in., $5.00 per 100; $40.00 per 1000.

C. WHITTON, City St., Utica, N. Y.

Mention The Review when you write.

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Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

70,000 Alternanthera Brilliantissima, red and yellow, September struck, very strong, 60c per 100; $5.00 per 1000.

Salvias, $1.00 per 100; $8.00 per 1000.

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Coleus, 70c per 100; $6.00 per 1000.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000.

(Express prepaid on all rooted cuttings.)

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30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market	$1.50	$12.50
Enchantress	2.00	18.00	Lawson	1.50	12.50
Queen Louise				1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

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Young plants from bench.

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BOX TREES and Choice EVERGREENS for outside decorations

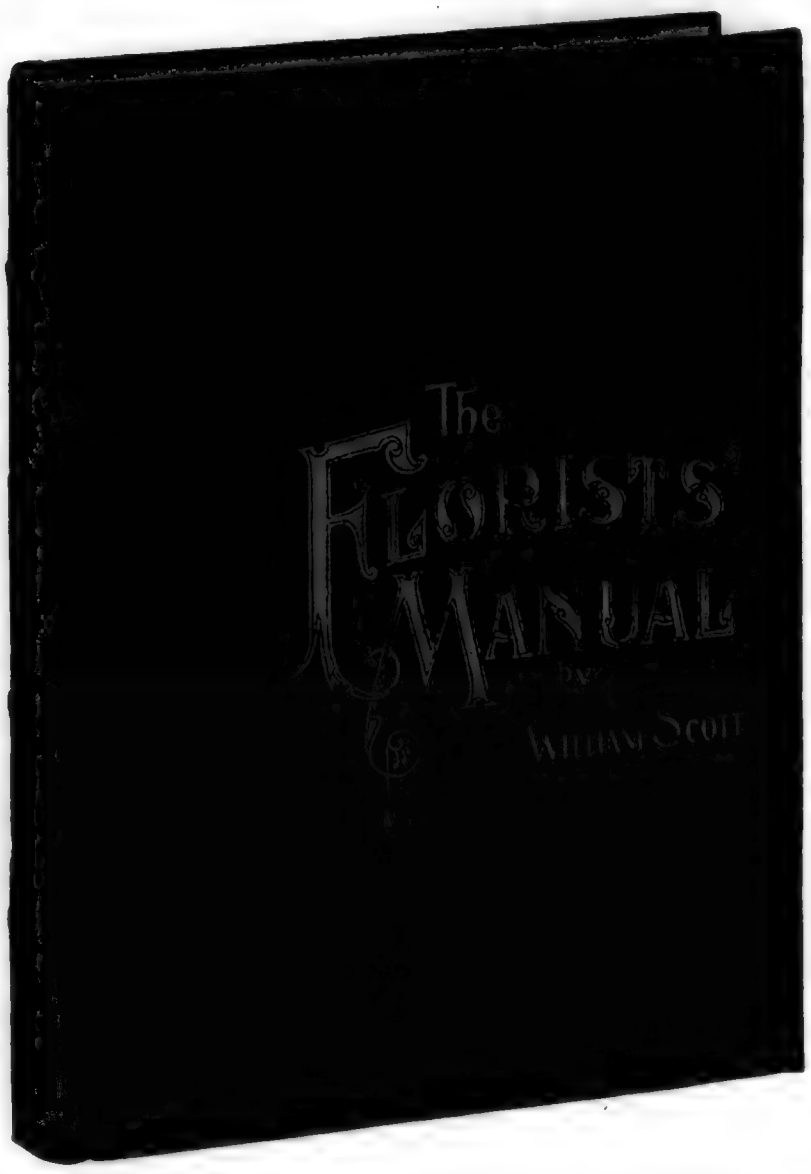
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Achyranthes, 2½-in., $2.50 100. Cash.
Tipton Floral Co., Tipton, Ind.

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ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6½-in. pots, $9.00 to $24.00 per doz.
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Ageratums Pauline and others, 2-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Ageratums, white, blue and Pauline, good 2½-in., 2c. Rooted cuttings, 60c per 100. Prepaid. Kaupp & Son, Nevada, Mo.

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Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
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Alternantheras, red, yellow and brilliantissima, July struck cuttings, $10.00 per 1000. From sand, January struck, $5.00 per 1000.
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Alternanthera brilliantissima, "original stock," finest red of all, from soil, $1.00 100. A. nana, yellow, 70c 100. Prepaid.
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Alternantheras, red and yellow, fall-struck, from soil, 75c per 100; $6.00 per 1000.
N. O. Caswell, Delavan, Ill.

Alternantheras, in the best four varieties. Can supply in 1000 and 10,000 lots.
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Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
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AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

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ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
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Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

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Asparagus plumosus, 2¼-in., $2.50; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00; 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus plumosus, 2¼, 3 and 4-in., $3.00, $6.00 and $9.00 per 100.
Asparagus Sprengeri, 2¼, 3 and 4-in., $2.00, $4.00 and $8.00. Special prices on 1000 lots.
Mosbaek Greenhouse Co., Onarga, Ill.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
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Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
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Sprengeri at a bargain, to make room. Extra strong, 2½-in., $2.50 per 100; 3½ and 4-in., $5.00 per 100. Cash with order.
Waaland & Co., Findlay, O.

Asparagus plumosus nanus, strong 3-in., $3.00; 3½-in., $5.00; 4-in., $6.00 per 100.
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Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
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Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
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Asparagus plumosus nanus, seconds, $1.25 per 100; $10.00 per 1000.
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Asparagus plumosus nanus, extra fine, 3-in., ready for shift, $6.00.
J. W. Munk & Sons, Mt. Gilead, Ohio.

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Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus comorensis, 2-in., $4.00 per 100, $35.00 per 1000.
J. F. Wilcox, Council Bluffs, Ia.

Asparagus Sprengeri, from bench, ready for 4 and 5-in., 4c.
Hopkins & Hopkins, Chepachet, R. I.

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Mount Hope Greenhouses, Morgan Park, Ill.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, plants from 4-in. pots, $8.00 per 100. M. E. Eaton, Lyons, Iowa.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

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Asparagus plumosus, fine plants, 4-in., $8.00 100. McDonald & Steele, Crawfordsville, Ind.

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Asparagus plumosus, 3-in., fine, $5.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus Sprengeri, 2-in., $2.25 per 100.
Hammerschmidt & Clark, Medina, O.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus Sprengeri, 3-in., $4.00 100.
National Plant Co., Dayton, O.

Asparagus Sprengeri, 2-in., $2.50 100.
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Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azalea mollis, 12 to 15 in., $25.00; 15 to 18 in., $35.00 100.
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Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas, well budded, 50c, 75c and $1.00 ea.
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Bay trees and box trees, standards and pyramids. Price list on application.
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Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100. N. O. Caswell, Delavan, Ill.

Tuberous-rooted begonias, single-flowered, $2.50; double-flowered, $4.50 100.
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Begonia Gloire de Lorraine, 4-in., $35.00; 5-in., $50.00 100.
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Begonia Gloire de Lorraine, 2¼-in., $12.00 100; $100.00 1000.
Wm. Murphy, 128 E. 3rd St., Cincinnati, O.

Begonia Vernon, 2½-in., 2½c. R. C., prepaid, $1.50 100. A. J. Baldwin, Newark, Ohio.

Begonia Rex, mixed, 4-in., $10.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

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Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

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Bulbs.	100	1000
Amaryllis formosissima, 11-13 cm.	$2.00	$18.00
Bessera elegans, 7-9 cm.	1.00	9.00
Pancratium, spider lily, 12-15 cm.	3.00	20.00
Tigridias, mixed, 7-9 cm.	2.00	12.00
Zephryanthes, white, 7-9 cm.	1.00	9.00

Price includes carriage paid.
J. A. McDowell, Ap. 167, City of Mexico.

Tuberous rooted begonias. Our bulbs come from the best specialist in Europe. Prices are given in display adv.
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Bulbs. Cannas, dahlias, gladioli, oxalis, Madeira and cinnamon vines, iris, peonies. Finest stock. C. Betscher, Canal Dover, Ohio.

Summer-flowering bulbs, tuberous rooted begonias and gloxinias.
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Tuberoses. Armstrong's Ever-blooming, single, $10.00 per 1000. A. H. Dailey, Knoxville, Tenn.

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Gloxinia bulbs, $4.00 100.
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Old Man cactus, 4 to 5 inches high, $3.00 per doz.; $22.00 per 100. Carriage paid.
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Fancy-leaved caladiums, small bulbs, 50c per doz. Albert Buckwell, Woodbridge, Fla.

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Baby callas, 3-in., $3.00 100.
P. A. Baker, Media, Pa.

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Cannas. Meyers, Robusta, Pennsylvania, Lou Ray, W. Grove, Mlle. Berat, Louise, Betsy Ross, Burbank, $1.50 per 100; $12.00 per 1000; 500 at 1000 rate.
King Humbert, $20.00 per 100. Cash with order. No personal checks accepted.
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Cannas, 500,000 plump, sound roots, no culls, true to name, 2 to 3 eyes and more, all the leading kinds, $7.50 per 1000, and upwards. Write for list and price before you buy elsewhere.
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Cannas. Pres. Meyer, fine dazzling scarlet, $3.00. Pennsylvania, Kate Gray, Italia, $2.00 per 100. King Humbert, $2.50 per 12. Postpaid. Tony Toerner, Scio, O.

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Cannas, dry bulbs of Alemannia, Austria, F. Vaughan, Marlborough (bronze), J. Montel, $1.50 per 100; $12.00 per 1000.
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Cannas, sound roots of A. Bouvier, Chas. Henderson, Mme. Crozy, Pres. McKinley, $1.75 per 100.
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Canna roots, a fine lot with two and three eyes. Varieties and prices are given in display adv. H. F. Michell Co., 1018 Market St., Phila.

Cannas, large, plump, 2 to 3 eyes. All true to name. Prices are given in display adv.
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Canna bulbs. Henderson, Austria and Leonard Vaughan, $2.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

Cannas, 150,000 in the 50 best varieties. Descriptive list now ready.
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Crimson Bedder, a fine canna. Fine bulbs, $10.00 per 1000. Cash. A. Corlin, Elberon, N. J.

350,000
CANNAS
TRUE TO NAME.
Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

RED CANNAS.

A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
Chas. Henderson, 4 ft.	2.00 100;	17.50 1000
Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000

PINK CANNAS.

L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000

ORANGE CANNAS.

Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000
J. D. Cabos, 4½ ft.	2.00 100;	17.50 1000
Pres. Cleveland, 4 ft.	3.00 100;	27.50 1000
Queen of Holland	2.75 100;	25.00 1000
Secretary Chabanne, 4 ft.	2.00 100;	17.50 1000

GOLD-EDGED CANNAS.

Mme. Crozy, 3½ ft.	$2.75 100;	$25.00 1000
Queen Charlotte, 4 ft.	2.75 100;	25.00 1000
Souv. de A. Crozy, 4 ft.	2.75 100;	25.00 1000

YELLOW CANNAS.

Buttercup, 3½ ft.	$5.50 100;	$50.00 1000
Comte de Bouchaud, 4½ ft.	2.75 100;	25.00 1000
Florence Vaughan, 5 ft.	2.00 100;	17.50 1000
L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000

WHITE CANNAS.

Alsace, 3½ ft.	$2.00 100;	$17.50 1000
Peachblow, 3 ft.	1.75 100;	15.00 1000

BRONZE CANNAS.

Black Beauty, 5 ft.	$6.00 100;	$50.00 1000
David Harum, 3½ ft.	3.25 100;	30.00 1000
Egandale, 4 ft.	3.25 100;	30.00 1000
Grand Rouge, 8 ft.	1.75 100;	15.00 1000
Musafolia, 8 ft.	2.75 100;	25.00 1000
Robusta, 6 to 8 ft.	1.75 100;	15.00 1000
Shenandoah, 6 ft.	2.25 100;	18.00 1000

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Alemannia, 4 ft. 35c doz.;	$2.25 100;	$18.00 1000
Austria, 5 ft. 30c doz.;	1.75 100;	15.00 1000
Italia, 4½ ft.	2.25 100;	18.00 1000
King Humbert, 4 ft., $2.00 doz.	15.00 100	
Kronus, 5 ft.	2.75 100;	25.00 1000
Mrs. Kate Gray, 6 ft.	2.75 100;	25.00 1000
Pennsylvania, 5 ft.	2.25 100;	20.00 1000

For full description of above and fifty other varieties of cannas, see catalogue, mailed free.

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Caladium Esculentum.
All sound and with eyes.

	100	1000
6- 8 inches in circumference	$1.50	$10.00
8-10 inches in circumference	3.50	30.00
10-12 inches in circumference	5.50	50.00
12 inches and up in circumference	10.00	90.00

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342 W. 14TH ST., NEW YORK.

Cannas, very fine list. Send list of needs.
C. Betscher, Canal Dover, Ohio.

Cannas. Send for catalogue No. 5 for list.
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Canna roots, $2.00 and $3.00 100.
National Plant Co., Dayton, O.

Cannas, $2.00 and $4.00 per 100.
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Carex japonica, 2½-in., $2.50 100.
Springfield Floral Co., Springfield, O.

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Carnations, cool-grown, well-rooted cuttings, for immediate or later delivery.
White Perfection, grandest of all, $5.50 100; $50.00 1000.
Bountiful, $2.75 100; $25.00 1000.
Enchantress, $2.00 100; $18.00 1000.
Nelson Fisher, $2.25 100; $20.00 1000.
Mrs. T. W. Lawson, $1.75 100; $15.00 1000.
Boston Market, $1.35 100; $12.00 1000.
Special attention is called to the variety White Perfection. We offer the true sort, and quality of cuttings can not be beat. You will want this. Book order now. Quality guaranteed. If you don't like them, we pay express both ways.
E. F. Winterson Co., 45 Wabash Ave., Chicago.

UNROOTED CARNATION CUTTINGS.

	Per 1000	Per 5000
Harlowarden, crimson	$6.00	$25.00
Wolcott, best white	5.00	20.00
Flora Hill, still good	5.00	20.00
Prosperity, fancy	6.00	25.00
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250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
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Carnation cuttings.

	100	1000		100	1000
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Lorna	2.00	15	Bountiful	2.50	20
Prosperity	2.50	20	N. Fisher	2.50	20
Enchantress.	2.50	20	R. Craig	6.00	50
Ethel Ward.	2.50	20	R. P. En'tress	6.00	50

South Bend Floral Co., South Bend, Ind.

Rooted carnation cuttings. Satisfaction guaranteed.

Rose-pink Enchantress	$7.00 100;	$60.00 1000
Daybreak Lawson or Melody	6.00 100;	50.00 1000
Victory	6.00 100;	50.00 1000
Craig	5.00 100;	40.00 1000
Lieut. Peary	3.00 100;	25.00 1000
White Lawson	3.00 100;	25.00 1000
Enchantress	3.00 100;	25.00 1000
Lawson	2.00 100;	17.50 1000
Boston Market	2.00 100;	17.50 1000

A. C. Canfield, Springfield, Ill.

Rooted carnation cuttings, ready now:

PINK	100	1000	WHITE	100	1000
Lawson	$1.50	$12.50	B. Market.	$1.25	$10.00
G. Angel.	1.25	10.00	W. Cloud.	1.25	10.00
L. PINK			F. Burki.	2.00	17.50
Enc'tress.	2.00	17.50	RED		
WHITE			Chicago.	1.50	12.50
Bountiful.	2.00	17.50	Estelle.	2.00	15.00
L. Peary.	3.00	25.00	Red Sport.	2.00	15.00

CRIMSON
Harlowarden, $2.00 per 100; $15.00 per 1000.
WIETOR BROS., 51 Wabash Ave., Chicago.

Carnations, strong, healthy, well rooted.

	Per 100	Per 1000	Pots
White Perfection	$6.00	$50.00	$6.50
White Lawson	3.00	25.00	3.50
Bountiful	3.00	25.00	3.50
Cardinal	2.50	22.50	3.00
Enchantress	2.50	22.50	3.00
Lawson	2.00	15.00	2.50
Harlowarden	2.00	15.00	2.50
Boston Market	1.50	12.50	2.00

Cash with order. Satisfaction guaranteed.
Smith & Gannett, Geneva, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
Bountiful	$2.00	$15	Lawson	$1.50	$12.50
W. Lawson.	2.00	15	Queen	1.50	12.50
Enchantress.	2.00	15	Victory	5.00	....
Ethel Ward.	2.00	15	R. Craig	5.00	....
R. Lawson.	2.00	15	P. Patten.	4.00	....
H. Fenn	2.00	15	H. Goddard	4.00	....

Quidnick Greenhouses, J. H. Cushing, Prop., Quidnick, Anthony P. O., R. I.

Carnation cuttings, extra fine, side shoots, taken from stock that has neither been fed nor forced, $1.50 per 100.
The Queen, fine commercial white; Wolcott, large fancy white; Boston Market, good white; Francis Joost and Ethel Crocker, commercial pinks; Prosperity, large white, mottled pink; Roosevelt, fine crimson; America, excellent red.
J. W. Munk & Sons, Mt. Gilead, Ohio.

Rooted carnation cuttings, now ready.

	100	1000		100	1000
Aristocrat	$12	.....	N. Fisher.	$2.00	$18.00
R. Craig	5	$40.00	P. Lawson	1.25	10.00
Cardinal	3	.....	Q. Louise.	1.25	10.00
Enchantress.	2	17.50	Harlow'n.	1.50	12.50

Every cutting guaranteed. Cash or C. O. D., subject to examination.
Andrew Peterson, Hoopeston, Ill.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress.	$2.50	$20	Patten	$2.00	$15
W. Lawson.	2.50	20	L. Peary	2.50	20
Daybreak Lawson	5.00	40	Cardinal	3.00	25
T. W. Law'n	2.00	15	Estelle	2.00	15
The Belle	2.50	20	Market	1.50	12

Bell Miller, Springfield, Ill.

Strong, healthy, well-rooted cuttings.

Rose-pink Enchantress	$6.00 100; $50.00 1000
Enchantress	2.00 100; 18.00 1000
White Lawson	2.50 100; 25.00 1000
Variegated Lawson	3.00 100; 25.00 1000

Satisfaction guaranteed. Cash or C. O. D.
A. J. Stahelin, Redford, Mich.

ROOTED CARNATION CUTTINGS.

Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
Swan Peterson Floral Co., Gibson City, Ill.

Carnations from 2-in. pots.

Enchantress	$3.00 per 100
Lady Bountiful	3.50 per 100

Stock will be well established and ready for shipment in 10 days.
Perfectly strong, healthy stock.
A. A. Gannett, Geneva, N. Y.

Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100; Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

Carnations. We offer field plants for delivery July 1, for early benching. Owing to our mild climate we field plants on high sod ground April 5. They are immense by July 1. Send for list, and make contracts for July 1 delivery.
Harlowarden Greenhouses, Greenport, N. Y.

Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100; $18.00 per 1000
Bountiful	2.00 per 100; 18.00 per 1000
Estelle	1.50 per 100; 15.00 per 1000

Cash with order.
Blanksma Bros., Grand Rapids, Mich.

Beacon carnation, orange-scarlet, $12.00 100; $100.00 1000. Send for descriptive circular.
Cottage Gardens Co., Queens, N. Y.
Peter Fisher, Ellis, Mass.

Well rooted carnations. Enchantress, $1.75 per 100; $16.00 per 1000. Nelson, Lawson, Boston Market, Crusader, $1.50 per 100; $10.00 per 1000. Morning Glory, $1.00 per 100; $8.00 per 1000. Cash with order.
H. V. Tonner, 60 Wabash Ave., Chicago.

Carnation cuttings, well rooted. Lawson, $1.50 per 100; $12.00 per 1000. Enchantress, $2.00 per 100; $18.00 per 1000. These cuttings were taken from the best stock coming into this market.
C. C. Pollworth Co., Milwaukee, Wis.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Rooted carnation cuttings.	100	1000
Lawson, Boston Market	$2.00	$15.00
Enchantress, Queen	2.50	20.00

Cash with order.
HOLTON & HUNKEL CO., Milwaukee, Wis.

Carnations. Rooted cuttings of Fair Maid, Boston Market and Harlowarden, Feb. and March delivery, $2.00 per 100; $17.00 per 1000. Cash or C. O. D. Cuttings satisfactory or money refunded. H. M. Totman, Randolph, Vt.

Elbon, a fine red carnation, easy to grow, a money maker. Fine rooted cuttings, $20.00 per 1000, $2.50 per 100. Send for catalogue of 35 other varieties. Locust St. Greenhouses, J. H. A. Hutchison, Prop., Oxford, Pa.

Our carnation novelties for 1907—Winsor, White Enchantress and Helen Gould. For description of these valuable novelties see our wholesale price list.
F. R. Pierson Co., Tarrytown, N. Y.

Carnations, 2000 Boston Market, well rooted cuttings, $12.50 per 1000; 500 at 1000 rate. Cash. W. H. Drake & Co., 567 Chicago St., Kenosha, Wis.

Carnations Imperial and Pink Imperial. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000. John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., N. Y.

Carnations. Unrooted cuttings from strong, healthy plants of Fair Maid, Queen, Mrs. Lawson and Mrs. Patten, $10.00 per 1000. Cash.
Stephen Chase, Nashua, N. H.

Carnations, strong, healthy, rooted cuttings and 2½-in. pot plants, young stock, leading varieties. Prices are given in display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Rooted carnation cuttings. Helen Goddard, $6.00 100; $50.00 1000. Cash. For other varieties see display adv.
Geo. E. Buxton, Nashua, N. H.

Carnation rooted cuttings ready now. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation cuttings ready, healthy and well rooted. Varieties and prices are given in display adv.
Scheiden & Schoos, 60 Wabash Ave., Chicago.

Clean, healthy, well rooted carnation cuttings, ready now. See display adv. for varieties and prices.
Vaughan & Sperry, 58 Wabash Ave., Chicago.

Rooted carnation cuttings, Crusader, B. Market, $10.00 per 1000. B. Market, unrooted, half price. Des Plaines Floral Co., Des Plaines, Ill.

Queen, best standard white, summer or winter. Well rooted cuttings $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

Summer bloom and winter carnations. Elbon, bright red; Climax, rich pink; Eldorado, etc., $1.50 100. Roney Bros., West Grove, Pa.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Carnation cuttings. Rose-pink Enchantress, $7.00 100; $60.00 1000. Other varieties given in display adv. W. B. Girvin, Leola, Pa.

Rooted carnation cuttings, choice, all free from disease. Varieties and prices are given in display adv. J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings of Queen, $1.50; F. Maid, $1.10; P. Lawson, $1.40 per 100. Write for others. Otto Bourdy, Lowell, Mass.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars.
H. Weber & Sons Co., Oakland, Md.

Carnations. Boston Market, rooted cuttings, $10.00 1000; unrooted, $5.00 1000. Cash.
E. D. Kaulback & Son, Malden, Mass.

Well rooted carnation cuttings, healthy stock. For varieties and prices see display adv.
Peter Reinberg, 51 Wabash Ave., Chicago.

Strong, well rooted carnation cuttings. Varieties and prices are given in display adv.
Sol Garland, Des Plaines, Ill.

Rose-pink Enchantress, rooted cuttings, $7.00 100; $60.00 1000. Immediate delivery.
H. F. Piggott, 2311 Pearl Rd., Cleveland, O.

Rooted carnation cuttings, cool-grown, sturdy and vigorous. A. C. Brown, Springfield, Ill.

CARNATIONS—Continued.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv.
Valley View Greenhouses, Marlboro, N. Y.

Carnation Helen Goddard. Orders booked for rooted cutings, $6.00 100; $50.00 1000.
S. J. Goddard, Framingham, Mass.

Carnation Boston Market, $1.25 per 100; $10.00 per 1000. Estelle, $1.25 per 100.
S. W. Pike, St. Charles, Ill.

Rose-pink Enchantress, new carnation, rooted cuttings, $7.00 100; $60.00 1000.
S. S. Skidelsky, 824 N. 24th St., Phila.

Rooted carnation cuttings, leading varieties. Prices are given in display adv.
Wm. Winter, Kirkwood, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv.
J. W. Dunford, Clayton, Mo.

Carnation cuttings, leading varieties. List and prices are given in display adv.
Eli Cross, Grand Rapids, Mich.

Rooted carnation cuttings, best varieties. Prices are given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

John E. Haines, scarlet carnation, rooted cuttings, $6.00 100; $50.00 1000.
A. M. Herr, Lancaster, Pa.

Send for list of new carnations and the leading commercial varieties.
Wm. Swayne, Kennett Square, Pa.

Carnation Aristocrat, $12.00 100; $100.00 1000. March 1 delivery.
Chicago Carnation Co., Joliet, Ill.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000.
Rudolph Fischer, Great Neck, N. Y.

Rooted carnation cuttings. Enchantress, $2.50 100.
B. E. Wadsworth Co., Box 224, Danville, Ill.

Rooted carnation cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

Rooted carnation cuttings. See display adv.
Henry Baer, Peoria, Ill.

Carnation cuttings for immediate delivery.
Jensen & Dekema, 674 W. Foster Ave., Chicago.

Rooted carnation cuttings now ready.
Otto Hagen, 244 W. Winona St., Chicago.

CHRYSANTHEMUMS.

Nothing is worth growing but the best. Beatrice May, October Frost, Rosiere, M. F. Plant, Mayor Weaver and E. J. Brooks, $1.00 per doz.

Jeanne Nonin, the unapproachable queen of late mums, also C. Touset, Adella, J. K. Shaw, Enguehard, Duckham, and the grand prize-winning yellow, Mrs. W. Duckham, only $2.00 per 100. Postpaid.
The Union City Greenhouse, Union City, Pa.

Chrysanthemum cuttings. T. Eaton, $2.00 100. C. Touset, $4.00 100; $35.00 1000. W. Bonnaffon, Ivory, October Sunshine, Major Bonnaffon, Golden Wedding, Walter Molatsch, Pres. Smith, Balfour, Glory of Pacific, J. K. Shaw, Marie Liger, Maud Dean, Dr. Enguehard, $2.00 100; $15.00 1000.
South Bend Floral Co., South Bend, Ind.

300 Monrovia rooted cuttings, $2.00 per 100; $15.00 per 1000; 500 at 1000 rate. Monrovia has brought us greater returns than any other variety, for the space used.
400 October Frost, rooted cuttings, $4.00 per 100. With us this has been an extra fine early white. O. L. Baird, Dixon, Ill.

Can furnish 50,000 rooted cuttings and 2½-in. pots, season 1907. Delivery to suit. Best commercial varieties. Write for list and prices. Order now. Geo. M. Brinkerhoff, Springfield, Ill.

Unrooted chrysanthemum cuttings. Ivory, White Bonnaffon, Yellow Bonnaffon, Robinson, 70c per 100; $6.00 per 1000.
F. H. Westhoff, De Haven, Pa.

Chrysanthemum stock plants. About 1000 Jeanne Nonin, $1.00 per doz.; $7.00 per 100.
W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

Stock plants of the CERAMIC chrysanthemum, new cream color, now ready, 20c each; $2.00 per doz. Chal Peterson, East Liverpool, Ohio.

Chrysanthemum stock plants. Jeanne Nonin, finest late white, $1.00 per doz.; $7.00 per 100.
H. E. Hyde, Huntington, L. I., N. Y.

Chrysanthemums. Send for list of young stock, including many novelties.
Harlowarden Greenhouses, Greenport, N. Y.

Chrysanthemum stock plants, best commercial varieties, $10.00 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Extra large stock plants of Jeanne Nonin, $6.00 per 100.
F. Shearer & Son, Binghamton, N. Y.

Mum stock plants, Jeanne Nonin, $4.00 per 100. Klehm's Nurseries, Arlington Heights, Ill.

Chrysanthemum novelties, young stock in 2½-in. pots. Chas. H. Totty, Madison, N. J.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, best varieties, 75c per doz. Baur Floral Co., Erie, Pa.

Chrysanthemum stock plants, from bench, $5.00 100. Cash. J. J. Arnold, Homer, N. Y.

CINERARIAS.

Cinerarias. Benary's, Cannell's, giant flow., for Easter bloom, 2-in., $1.50; 3-in., $3.00 per 100. Cash.
Shellroad Greenhouses, Grange, Balto., Md.

Cineraria hybrida, finest, large-flowering, choicest mixed, 2½-in. pots, strong plants, $2.00 per 100. Cash. Louis Bauscher, Freeport, Ill.

Cineraria hybrida grandiflora, best strain, 4 and 5-in., $15.00 and $20.00 per 100.
John Stamm, Hutchinson, Kan.

Cinerarias, best strain, 6-in., coming in bloom, $2.00 per doz.; $15.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Cineraria hybrida, best colors, mixed, 3-in., strong, $5.00 per 100. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Cinerarias, 2½-in., $3.50; 3-in., $6.00; 4-in., $10.00. Cash. Geo. A. Kuhl, Pekin, Ill.

Cinerarias, 4-in., $4.00 100.
Fred Grohe, Santa Rosa, Cal.

CISSUS.

Cissus discolor, 2½-in. pots, excellent stock for spring trade, $4.00 per 100. Cash.
Wachendorff Bros., Atlanta, Ga.

CLEMATIS.

Clematis paniculata, strong, field-grown plants, $15.00 per 100; strongest, $30.00 per 100. Quotations on larger quantities.
Est. of David Fisher, Woburn, Mass.

Clematis paniculata, 4-in., $1.50 doz., $10.00 100; 3-in., 75c doz., $5.00 100.
C. Eisele, 11th & Roy, Philadelphia, Pa.

Clematis paniculata, $1.00 doz.; $8.00 100.
F. A. Baller, Bloomington, Ill.

COLEUS.

COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, fine varieties, including Verschaffeltii and Golden Bedder, 2½-in., $2.50 per 100. Rooted cuttings, 60c per 100; $5.00 per 1000. Cash with order.
D. H. Ruthrauff, Seneca Falls, N. Y.

Good varieties of assorted coleus from 2-in. pots, $2.00 per 100. Cash with order.
O. L. Baird, Dixon, Ill.

Coleus in 10 good varieties, 2-in. pots, $2.00 per 100. Kaupp & Son, Nevada, Mo.

Coleus, mixed colors, rooted cuttings, 60c per 100. U. G. Harglerode, Shippensburg, Pa.

Coleus, in fine varieties, R. C., 70c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

Coleus, standard bedding and fancy varieties.
N. O. Caswell, Delavan, Ill.

Coleus, 2½-in., $1.80 100; $15.00 1000.
Springfield Floral Co., Springfield, O.

Coleus, 2-in., $2.50 100. Cash.
Lake Side Greenhouses, Erie, Pa.

CYCLAMEN.

Cyclamen, finest strains, 3-in., $5.00; 4-in., $10.00 per 100. Mostly in bud. Fine Easter stock. J. Sylvester, Florist, Oconto, Wis.

Cyclamen gig. pers., seedlings, $1.00 100; $8.00 1000; $75.00 10,000.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Cyclamen, 2¼-in., $2.00; 3-in., $4.00; 4-in., $8.00 per 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Cyclamen, 4-in., $10.00; 5-in., $15.00 100.
C. Whitton, City St., Utica, N. Y.

Cyclamen pers. gig., 2-in., $5.00 100.
Fred Grohe, Santa Rosa, Cal.

Cyclamen seedlings, $1.25 100.
Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash.
G. Aschmann, 1012 Ontario St., Philadelphia.

DAHLIAS.

Dahlia. Pot roots for shipment at once. Every section including the popular cactus, show, fancy, pompon and single, $6.00 per 100 in 25 sorts; better and newer kinds, $8.00 and $9.00 100, post-free, cash with order. See display adv. for list of new varieties. Catalogue free. HOBBIES LIMITED, Dereham, England.

Dreer's select dahlias; varieties are specially suited for cut flowers. Strong dormant, field roots, grown at our own nurseries. For full descriptions of good varieties of dahlias, new as well as standard sorts, see our current quarterly wholesale list just issued.
H. A. Dreer, 714 Chestnut St., Phila.

I am again ready to handle your business. Only the cream of varieties handled. Standards and novelties, including Mrs. Winters, Mme. Dael, Navajo, Lonsdale, Dainty, Kriemhilde, etc. Catalogue of dahlias, hollyhocks, peonies and hardy plants now ready.
W. W. WILMORE, Box 382, Denver, Colo.

Dahlias. Strong field roots of Kriemhilde, Brunhilde, Ruth, Mrs. Winters, Bruton and many others, new, in cactus and decorative, $5.00 per 100; $40.00 per 1000. Cash. Send for list.
Harlowarden Greenhouses, Greenport, N. Y.

THE DAHLIA MANUAL.
An up-to-date work on dahlias and dahlia culture, covering the whole field. Illustrated. Price, 35c.
W. W. WILMORE, Box 382, Denver, Colo.

We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

Dahlias, strong, field-grown roots, double and single. Varieties and prices are given in display adv. J. T. Lovett, Little Silver, N. J.

Fresh, vigorous stock of dahlias. Write Postum Cereal Co., Ltd., Garden Dept., Battle Creek, Mich.

Dahlia Sylvia, fine, long-stemmed pink, $1.50 per doz.; $10.00 per 100.
Cushman Gladiolus Co., Sylvania, O.

Dahlia roots, whole field clumps, $1.00 doz.; $6.00 100. Cash.
R. Vincent Jr. & Sons, White Marsh, Md.

Dahlias, heavy field clumps, $5.00 100; $45.00 1000 Dingee & Conard Co., West Grove, Pa.

Dahlias, finest sorts. Send list of wants.
C. Betscher, Canal Dover, O.

Dahlia roots in any quantity.
David Herbert & Son, Atco, N. J.

DAISIES.

DAISIES, fine strong stock for Easter pot plants or spring-flowering. CASH PRICES.
Queen Alexandra, new white, 2 and 2½-in., $2.50 and $3.00 per 100.
Theo. F. Beckert,
9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash. Fred Grohe, Santa Rosa, Cal.

Queen Alexandra, best white, $1.25 per 100, prepaid. S. W. Pike, St. Charles, Ill.

Daisies, unrooted cuttings, $1.50 per 100.
F. H. Westhoff, De Haven, Pa.

Daisies, best varieties. See display adv.
C. Eisele, 11th & Roy, Philadelphia.

Daisy Queen Alexandra, 2-in., $1.50 100.
P. A. Baker, Media, Pa.

DRACÆNAS.

Dracaena indivisa, from 4-in. pots, fine, bushy plants, $10.00 per 100.
Robt. Buck & Co., Washington C. H., Ohio.

Dracaena indivisa, from 4-in. pots, 25 inches, bushy, $10.00 per 100.
C. F. Mahan, R. D. 8, Dayton, O.

Dracaena indivisa, strong, 6-in., 50c ea.; 4-in. stock, $12.00 per 100.
John Walker, Youngstown, O.

Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash.
G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $3.00 doz. Cash.
Converse Greenhouses, Webster, Mass.

Dracaena indivisa, 5-in., $2.00 per doz.
W. C. Rockwell, Bradford, Pa.

Dracaena indivisa, 5-in., $2.00 doz.
C. Eisele, 11th & Roy, Philadelphia, Pa.

ECHEVERIAS.

Echeverias, 15 to 20 cm. in clr., $3.00 per 100, $22.00 per 1000. Carriage paid.
J. A. McDowell, Ap. 167, City of Mexico.

FARFUGIUMS.

Farfugium grande, 3-in., $15.00 per 100; 2-in., $10.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

FERNS.

Pteris magnifica, Pteris serrulata cristata, Pteris albo-lineata, Pteris Wimsetti and Pteris Ouvrardi, $3.00 per 100, $25.00 per 1000.
Boston, Scotti and Piersoni ferns, 3-in. $8.00, 4-in. $15.00, 5-in. $25.00, 6-in. $40.00 per 100.
J. F. Wilcox, Council Bluffs, Ia.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
Crown Point Floral Co., Crown Point, Ind.

Boston and Piersoni ferns, 2½-in., 3c; 3-in., 8c; 4-in., 12c. Barrowsii, 2½-in., ready for 3 and 4-in. pots, only 5c.
A. J. Baldwin, Newark, Ohio.

Bostons and Scottii, bench-grown; and Bostons, pot-grown. See adv. on cover page.
Baur Floral Co., Erie, Pa.

FERNS MY SPECIALTY.
Please notice the big reductions.
CIBOTIUM SCHIEDEI, the king of ferns, well known for its unequaled beauty and good keeping qualities and as a very easy grower. Strong plants in the following sizes: 3-in. pots, $20.00; 4-in., $40.00; 5-in., $60.00 per 100; 7-in., $1.70 each; 10-in. pots, large specimens, $5.00 each.
Adiantum reginum, beautiful fern, also known as the hardy Farleyense, 4-in., strong plants, $25.00 per 100. A. rhodophyllum, 4-in., $20.00 per 100.
Assorted ferns for jardinieres, in all the leading varieties, $3.00 per 100; $25.00 per 1000; 500 at 1000 rate.
J. F. ANDERSON, successor to Anderson & Christensen, Short Hills, N. J.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
Janesville Floral Co., Janesville, Wis.

Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
J. W. Dunford, Clayton, Mo.

Excellent short-growth Boston and Piersoni ferns, 4-in., 12c; 3-in., 8c.
J. W. Munk & Sons, Mt. Gilead, Ohio.

Boston ferns, fine, large, 4-in., $10.00 per 100; 5-in., $15.00 per 100.
Robt. Buck & Co., Washington C. H., Ohio.

Ferns. Boston, Piersoni, Elegantissima. Prices are given in display adv.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns, 2½-in., Whitmani, $10.00 100. Elegantissima, $5.00 100.
P. R. Quinlan, Syracuse, N. Y.

Nephrolepis Amerpohlii, a grand novelty. See our display adv.
W. P. Craig, 1305 Filbert St., Phila.

Ferns, 2¼-in. Whitmani, $10.00 100. Boston, $3.00 100.
H. H. Barrows & Son, Whitman, Mass.

Ferns, all varieties. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Ferns, Scottii and Piersoni, 2¼-in., 3c. Cash.
Shippensburg Floral Co., Shippensburg, Pa.

Boston ferns, specimens, $18.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

Scottii ferns, fine, 8-in., $1.00 each.
Maple City Greenhouses, Honesdale, Pa.

Boston ferns, 6-in., 25c.
C. Eisele, 11th & Roy, Phila., Pa.

Scotti ferns, 2½-in., $3.00 100.
Springfield Floral Co., Springfield, O.

Boston and Pierson ferns, 2¼-in., select stock, $3.50 per 100. J. T. Cherry, Athens, Ill.

Tarrytown ferns, 2½-in., 4c; 3-in., 10c. Cash. Byer Bros., Chambersburg, Pa.

Nephrolepis Scottii, extra fine, 6-in., $6.00 per doz. John Walker, Youngstown, O.

Boston and Piersoni, 4-in., $10.00 100. Cash.
Tipton Floral Co., Tipton, Ind.

Boston ferns, 5-in., $2.50 doz. Cash.
Converse Greenhouses, Webster, Mass.

FEVERFEW.

Feverfew Little Gem, 80c per 100; $7.00 per 1000. S. W. Pike, St. Charles, Ill.

Feverfew, extra fine plants, 2½-in., $4.00 100. Cash. S. J. Goddard, Framingham, Mass.

Feverfew, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

FUCHSIAS.

Fuchsia Little Beauty, strong, 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Fuchsias, $2.50 100; our selection, 6 varieties, $20.00 1000. Cash.
R. Vincent Jr. & Son, White Marsh, Md.

Fuchsia Little Beauty, 2¼-in., $4.50 100; $40.00 1000. Baur Floral Co., Erie, Pa.

Fuchsia Little Beauty, 2¼-in., $4.00 100. Cash. Lake Side Greenhouses, Erie, Pa.

GERANIUMS.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100.
St. Clair Floral Co., Belleville, Ill.

25,000 geraniums, standard varieties, strong, bushy, 3-in., $40.00 per 1000. Double Grant, A1 stock, $35.00 1000.
Wm. S. Herzog, Morris Plains, N. J.

Rooted cuttings of new geraniums—Mrs. R. F. Gloede, semi-double, very large, color rose-pink, growth exceedingly strong, $20.00 per 100; Kenilworth, flowers single, dark scarlet, strong grower, best of all single geraniums, $10.00 per 100.
Standard varieties—Jean Viaud, La Favorite, J. J. Harrison, rooted cuttings, $16.00 per 1000.
English ivy geraniums, 3 varieties, true to name, A1 stock, $1.50 per 100.
R. F. Gloede, Evanston, Ill.

Geranium Tiffin, new single red of 1906 introduction, received honorable mention at Dayton convention last year. Orders booked now for February delivery, 2-in. plants, $2.00 per doz.; $10.00 per 100.
Ulrich's Greenhouse, Tiffin, Ohio.

Geranium Happy Thought, $2.00. Martha Washington, assorted, $2.25 per 100.
S. W. Pike, St. Charles, Ill.

Rose geraniums, 2-in., good, strong plants, $2.00 100. Cash. E. B. Randolph, Delavan, Ill.

Grant geraniums, fall-struck, 2½-in., $2.50 100. Cash. Miss Kate Cranz, Ira, Ohio.

Geraniums, 2½-in., $2.50 100; $25.00 1000.
Springfield Floral Co., Springfield, O.

Geraniums. For price see display adv.
Jos. H. Cunningham, Delaware, O.

Ivy geraniums, R. C., $1.50 100. Cash.
Converse Greenhouses, Webster, Mass.

Mme. Salleroi, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

GLADIOLI.

Gladioli, Groff's hybrid, choice mixture, No. 1, $8.00 per 1000; No. 2, $6.00; No. 3, $3.00; No. 4, $1.50; the latter will generally bloom.
Gladioli in thirty named varieties. See price list. E. Y. Teas Co., Centerville, Ind.

Gladioli. 600 Silver Trophy, section 2; 4000 May, in two lots; 1800 Augusta, in three lots. Write for sizes and closing-out prices.
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Groff's hybrids, good blooming size, $8.00; small blooming size, $5.00 per 1000. Bulblets, $2.00 per peck, $5.00 per bushel.
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Gladioli, all sizes. Stock direct from Groff. Nothing better, $1.00 to $5.00 per 1000.
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Colvillei alba The Bride, white forcing variety, 75c per 100; $6.00 per 1000.
Cushman Gladiolus Co., Sylvania, O.

Gladiolus Augusta, 1st size, $12.00; 2nd size, $8.00 1000. Cash.
Rowehl & Granz, Hicksville, N. Y.

Gladioli as good as the best. Nothing better.
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Gladioli, named varieties. Write for list.
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Gladioli, a mixture of superior quality.
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Gladioli. Finest stock in the world.
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Arundo Donax variegata, strong divisions, $12.00 per 100. Cash.
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We are headquarters for all the latest and best hardy perennials. We shall be pleased to mail you our catalogue. Royal Tottenham Nurseries, Dedemsvaart, Holland.

Golden Glow, $2.00 per 100. Boltonia asteroides, $5.00 per 100. Weir's cut-leaved maple, fine trees, 8 to 10 ft., $15.00 per 100.
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For Sale. The most complete stock of hardy perennials, dahlias and other bulbs, for spring planting, at reduced prices. Get list.
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An immense stock of both large and small size evergreen trees in great variety; also evergreen shrubs.
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Heliotropes (dark), good stock, strong and well rooted, R. C., 60c 100; $5.00 1000. Cash.
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Heliotropes, dark; clean, well-rooted cuttings, 60c 100, $5.00 1000; 2¼-in., 2c. Cash.
Edwin Bishop, Roslyn, Md.

Heliotropes, dwarf varieties, 2-in., $2.50. Rooted cuttings, $1.00 per 100.
N. O. Caswell, Delavan, Ill.

Heliotropes, dark; rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash.
Hugo Book, Worcester, Mass.

Heliotropes, 2-in., 2½c. R. C., prepaid, $1.00 100. A. J. Baldwin, Newark, Ohio.

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Hollyhocks. Large field-grown plants, $3.00 per 100. Double in separate colors of red, white, pink, yellow and maroon; also the Allegheny strain.
Send for catalogue of hollyhocks, dahlias and hardy plants.
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Bush honeysuckle, White Tartarian, fine stock, 3 to 3½ ft., $8.00 per 100; 2 to 3 ft., $6.00 per 100. Mount Arbor Nurseries, Shenandoah, Iowa.

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Hydrangea Otaksa, field-grown, potted off in September; 4, 5 and 6-in. pots, suitable for 5, 6, 7 and 8-in. pots, $10.00, $15.00 and $25.00 per 100. Well shaped and hardened off.
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English ivy cuttings, strong, $15.00 per 1000; from soil, $25.00 per 1000.
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Hardy English ivy, 4-in., $1.50 doz.; $10.00 100. C. Eisele, 11th & Roy, Philadelphia.

German ivy. R. C., 50c 100; $4.00 1000. Cash.
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2000 English ivy, strong, from soil, 1c. Cash.
A. Corlin, Elberon, N. J.

English ivy, 2-in., 1½c.
J. H. Dann & Son, Westfield, N. Y.

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Jasmine grandiflora (star jasmine), strong plants, from 4 and 5-in. pots, 18 to 20 inches high; $15.00 per 100.
Grand Duke jasmine, nice, stocky plants, 10 to 12 inches high, from 4 and 5-in. pots, $12.50 per 100.
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Madeira vine tubers, $3.00, $6.00 and $8.00 per 1000. Send for list of hardy plants and roots. Good stock, low prices. Samples free.
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English Manetti for florists and nurserymen.
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High-grade mushroom spawn always on hand.
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Double nasturtiums, yellow and red, strong growers, rooted cuttings, $1.75 per 100.
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Weeping mulberries, strong, 1-yr.-old heads, grafted, 5 to 6 ft., $45.00 per 100.
Aralia japonica, 4 to 6 ft. high, $20.00 per 100; 6 to 8 ft. high, $25.00 per 100.
Catalpa Bungei, 2 and 3-yr. heads, grafted, 7 ft. high, $40.00 per 100.
Lilac Charles X, on own roots, 4 yrs. old, 3 to 4 ft., $18.00 per 100; 4 to 5 ft., $20.00 per 100.
Barberry Thunbergi, 5 yrs. old, good, heavy stock, 2½ to 3 ft., $25.00 per 100.
Privet Amurense, bushy plants, 4 to 5 ft., $25.00 per 100; 3 to 4 ft., $18.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

Edward Bellamy althaea, best double white, 2 to 3 ft., $5.00 per 100.
Calycanthus (sweet shrub), transplanted, 1½ to 2 ft., $5.00 per 100.
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Sugar maple seedlings, fine, 1 to 1½ ft., $10.00 per 1000; 8 to 12 inches, $5.00 per 1000.
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Headquarters for ornamental nursery stock. Wholesale trade list on application.
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Deciduous trees and shrubs. Send for price list. Cottage Gardens Co., Queens, N. Y.

American white elm, extra fine, nursery-grown.
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Laelia anceps, fine plants, $4.00 doz., $25.00 per 100. Carriage paid.
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Orchids. A large importation in perfect condition just received.
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Orchids, established and semi-established.
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Orchids, all varieties.
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Oxalis, summer or bedding, 4 distinct colors, named, 50c per 1000; 10,000, $4.00; 100,000, $25.00. Two-year-old bulbs, $2.00 per 1000.
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Kentia Forsteriana, Belmoreana, Cocos Weddelliana, all sizes. See display adv. for prices.
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Pandanus Veitchii, 24 in. high, $1.00 ea.; large plants, $1.50 to $3.00 ea.
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We have some fine specimen kentias and other decorative plants.
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Pandanus Veitchii, all sizes, $1.00 to $3.50 each. J. W. Young, Germantown, Phila., Pa.

Pandanus Veitchii, rooted cuttings, $12.00 per 100. Henry S. Pennock, Neptune, Fla.

Palms and decorative plants.
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Pansy plants. Prices are given in display adv. Jos. H. Cunningham, Delaware, O.

Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
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Pansy plants, Perret and Trimardeau strains, strong frame-grown, fine for Easter, $3.00 per 100; $25.00 per 1000. Cash.
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50,000 pansies, all sizes, best giant mixed. Write S. W. Pike, St. Charles, Ill.

Pansy plants. See display adv.
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Peonies. Queen Victoria (Whitleyii), $9.00 per 100; Festiva maxima, $30.00 per 100; Fragrans, the bloom producer, $6.00 per 100. For other varieties and 1000 rate, write
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Wholesale grower of peonies. List of 100 varieties. J. F. Rosenfield, West Point, Neb.

Peonies a specialty. Peterson Nursery, 504 W. Peterson Ave., Chicago.

Peonies, 1200 sorts. Greatest list anywhere.
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Petunia The Queen, strong plants, 2¼-in., $1.50 doz.; $10.00 100; $90.00 1000. Ready Feb. 15.
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Double petunias, all mixed, rooted cuttings, 75c per 100.
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Double petunias, mixed, 2-in. pots, $4.00 per 100.
Mount Hope Greenhouses, Morgan Park, Ill.

Petunias, double, Dreer's strain, 2-in., 3½c.
A. J. Baldwin, Newark, O.

Petunias, $1.25 100; $10.00 1000.
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Hardy phlox, best assortment, standard varieties, 2-year, field clumps, $3.00 per 100.
John Stamm, Hutchinson, Kan.

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We have to offer 2000 poinsettias, strong, healthy, dormant stock, at $6.00 per 100, or $50.00 per 1000. Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

Poinsettias, 2½-in., $5.00 100; $45.00 1000.
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Double poinsettias, dormant roots, $3.00 doz.
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Primula obconica, all colors, including new carmine. In bud and bloom, 2½-in., $3.50; 4-in., $6.00 per 100. Forbesi, in bud and bloom, 3-in., $5.00 per 100. Chinese, in bud and bloom, 3-in., $5.00; 4-in., $10.00 per 100.
J. Sylvester, Florist, Oconto, Wis.

Primulas. Chinese, 3½-in. pots, in full bloom, $8.00 per 100. Buttercup, 3½-in. pots, in full bloom, $7.00 per 100. All plants are very strong. Carl Meier, Green Bay, Wis.

300 Chinese primulas, Rupp's strain of seed, 4-in., $4.00 100; all in bloom and fine. 1000 obconica, 2 and 3-in. pots, $2.00 and $3.00 100.
U. G. Harglerode, Shippensburg, Pa.

Primula obconica, strong, 3½ and 4-in., full of bloom, $20.00 and $25.00; extra heavy seedlings, $3.00, or will exchange for geranium rooted cuttings.
W. W. Seekins, Duluth, Minn.

Obconica, extra fine, in bloom, 4-in., $20.00 per 100. Cash with order, please.
M. & S. L. Dysinger, Albion, Mich.

Chinese primroses, 5-in., in bloom, all colors, $5.00 per 100. Cash.
Harlowarden Greenhouses, Greenport, N. Y.

Chinese primroses, good, strong plants, 3½-in., $5.00 per 100.
Rode Bros., Bowling Green, Ohio.

Primula sinensis, 4-in., $1.50; 5-in., $2.00 doz.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Primula obconica, in bloom, 3-in., 3c; 4-in., 6c. J. H. Dann & Son, Westfield, N. Y.

Primula obc. gig., 3½-in., bud and bloom, 6c.
Hammerschmidt & Clark, Medina, O.

Baby primroses, 2½-in., $2.00 100.
Springfield Floral Co., Springfield, O.

PRIVET.

10,000 California privet, 1-year, well rooted, $1.25 per 100; $10.00 per 1000.
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Privet Amurense, bushy, 4 to 5 ft., $25.00; 3 to 4 ft., $18.00 100.
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250,000 California privet, al sizes. Send for trade list. Valdesian Nurseries, Bostic, N. C.

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Privet cuttings, $1.25 1000.
H. T. Jones, Elizabeth, N. J.

California privet, all sizes.
J. T. Lovett, Little Silver, N. J.

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Resurrection plants, 30 to 35 cm. in cir., $2.00 per 100, $15.00 per 1000. Carriage paid.
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RHODODENDRONS.

Rhododendrons, bushy, leading forcing var., 18 to 20 in. high, $9.00; 20 to 24 in., $12.00 doz. Storrs & Harrison Co., Painesville, O.

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Vinca var., 90c. Ageratums, 60c. German ivy, 60c. Hardy pinks, 75c to $1.00. Cash. Other stock is given in display adv.
Shippensburg Floral Co., Shippensburg, Pa.

Alternantheras, 60c 100; $5.00 1000. Salvias, heliotropes, $1.00 100; $8.00 1000. Coleus, 70c 100. Feverfew, $1.25 100.
C. Humfeld, Clay Center, Kan.

Vinca var., Salvia splendens, 90c. Heliotropes, double petunias, $1.00. Other stock given in display adv.
Byer Bros., Chambersburg, Pa.

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Roses. Baby Ramblers, the strongest, dormant budded stock in the country, $25.00 per 100; 2-year, No. 1, own root, $15.00 per 100; 1-year, No. 1, own root, $12.00 per 100; 2¼-in. pot plants, $4.00 per 100, 250 plants for $7.50; 4-in. pot plants, in bloom, March and April, $15.00 per 100.
Brown Bros. Co., Rochester, N. Y.

We are now booking orders
For early delivery
GRAFTED AND OWN ROOT ROSE PLANTS
Bride, Maid, Kaiserin, Carnot,
Wellesely, Killarney and Richmond.
Send for prices.
W. H. ELLIOTT, Brighton, Mass.

"WE GROW TO ORDER"
For March, April and May delivery, Bride, Bridesmaid, Perle, Chatenay, Ivory and Richmond rose plants from 2½-in. pots at $3.00 per 100, $25.00 per 1000. First-class stock guaranteed. J. F. AMMANN, Edwardsville, Ill.

We will have a surplus of all varieties of forcing roses grown for our own use, and ready for planting early. Our experience has demonstrated that southern-grown stock is best for southern growers. Will make special low prices.
Chatogue Greenhouses, Mobile, Ala.

Rose plants.

	100	1000		100	1000
Carnot	$4.00	$35	Richmond	$3.00	$25
Kaiserin	4.00	35	Perle	3.00	25
Chatenay	3.00	25	Gate	3.00	25

Bell Miller, Springfield, Ill.

Roses, rooted cuttings. G. Gate, $1.25 per 100; $10.00 per 1000. Ivory, $1.25 per 100; $10.00 per 1000. Bridesmaid, $1.25 per 100; $10.00 per 1000.
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Roses, field-grown, own roots, extra heavy. Crimson Rambler, Safrano, Marechal Niel, Climbing Soupert, Empress of China, $10.00 per 100. Cash. Wachendorff Bros., Atlanta, Ga.

Own root roses, 2 yrs. C. Ramblers, $7.00. Dorothy Perkins, P. W. and Y. Ramblers, $5.00. H. P. roses and Baby Ramblers, $8.00 100.
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Roses, strong, healthy cuttings and pot plants. Young stock, leading varieties. Prices are given in display adv.
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The beautiful new pink rose, MISS KATE MOULTON, is the queen of all pink roses. Write us about it.
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Field-grown roses, low-budded, 2 yrs. old, well rooted. A list of varieties and prices is given in display adv.
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Rooted cuttings of Bride and Bridesmaid roses, $1.50 per 100.
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Ulrich Brunner, field-grown, own root, P. and W. Cochet and Teplitz, $5.00 100; also some at $3.50 100. California Rose Co., Pomona, Cal.

Grafted roses. Kaiserin, Bride, Maid, Killarney, Richmond, $120.00 1000. March delivery.
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Roses, strong rooted cuttings, leading varieties. See display adv. for prices.
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Maman Cochet roses, white and pink, dormant stock, 4-in., $10.00 per 100.
John Stamm, Hutchinson, Kan.

American Beauties, 2 yrs., field-grown, budded on Manetti, $15.00 100.
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H. P. roses, choice named, $1.50 doz. La France, $9.00 100.
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Roses and all Holland grown plants in choicest varieties.
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Rooted rose cuttings. Fine stock. See display adv.
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Low-budded roses, No. 1, $95.00; No. 1½, $65.00 1000. H. T. Jones, Elizabeth, N. J.

A large stock of extra fine H. P. roses at reduced prices. Call's Nurseries, Perry, Ohio.

Rose plants on own roots, now ready. Write for list. C. M. Niuffer, Springfield, O.

Hybrid roses, 2-yr., field-grown, $12.00 100.
Storrs & Harrison Co., Painesville, O.

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Roses, 2½ and 4-in. Write for prices.
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Paul Niehoff, Lehighton, Pa.

Leedle Co., 101 best sorts, Springfield, O.

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Rubbers, top cuttings, out of 3's. Strong, healthy plants, ready for delivery, $150.00 1000. In lots of 500 or less, $16.00 per 100; in lots of 100 or less, $17.00 per 100.
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Rubbers, strong plants, 4-in., 20c; 5-in., extra strong, 25c. Cash.
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SALVIAS.

Salvias, good, strong rooted cuttings of St. Louis and Bonfire, $1.00 100; $8.00 1000. Cash.
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Salvia Bonfire, R. C., prepaid, $1.00 100; express, 2-in., 2½c.
A. J. Baldwin, Newark, Ohio.

SANSEVIERIAS.

Sansevierias, strong, $4.50 doz.
C. Eisele, 11th & Roy, Philadelphia.

SANTOLINAS.

Santolinas, fine 2-in., $2.00 per 100. Rooted cuttings, fine plants from sand, $1.00 per 100. Cash with order, please.
M. & S. L. Dysinger, Albion, Mich.

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Headquarters for cauliflower and Tripoli onion seed, Crystal Wax and Bermuda, and all other vegetable seeds of unrivaled quality. All flower seeds grown on an enormous scale. Ask for wholesale catalogue. Dammann & Co., San Giovanni a Teduccio, Italy.

Seeds of palms, ferns, asparagus, callas, cyclamen, Primula sinensis, tropical plants; white and red Bermuda onions, the true Teneriffe seed. Send for illustrated wholesale catalogue. Albert Schenkel, Seed Grower, Hamburg, Germany.

Seeds. L. C. Nungesser, Griesheim, nr. Darmstadt, Germany, exporter and importer. Specialties: Selected grass and clover seeds, alfalfa of Provence and Turkestan; free from dodder and cuscuta. Crimson clover.

Seed house will supply stock and fixtures up to $500 to satisfactory party in good location, who will pay part down and balance out of business on easy terms. Address No. 61, care Florists' Review, Chicago.

Vegetable seeds. Special stocks of seeds for early forcing in frames or greenhouses. We offer the best varieties.
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Seeds. Suhr's genuine Danish cauliflower, Dwarf Erfurter and Danish Giant, and Danish Ball Head cabbage.
Wholesale only. Write for particulars.
E. Suhr, Copenhagen, Denmark.

High grade flower seeds, grown in California. Seeds grown on contract.
Send for new price list.
Theodosia B. Shepherd Co., W. H. Francis, Mgr., Ventura, Cal.

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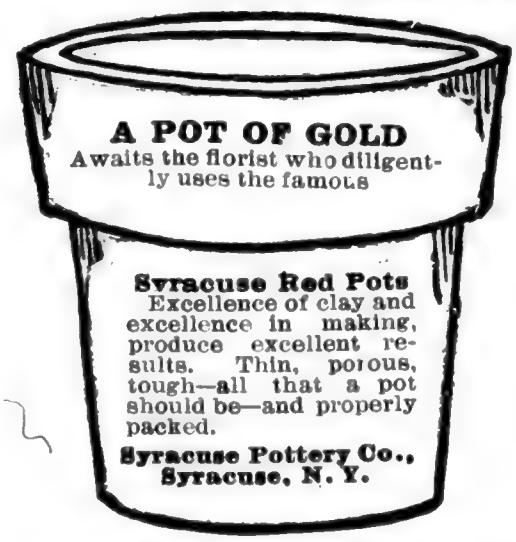
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The hot water boiler installed in the plant of Fletcher C. James, at Des Plaines, Ill., gave out in zero weather. It was found that the inside shell was rusted through and a hole was found in the back of the boiler in such a position as to make it impossible to patch it. The following ingenious idea occurred to the Garland boys. An opening was drilled through the top of the boiler just over the hole. After the water was let out of the boiler a funnel was inserted and several bags of dry cement were poured in and water was immediately let into the boiler. The cement was packed down with a stick and the opening in the top closed up with a wooden plug. The boiler was found to be perfectly tight and heating was resumed.

BOILER CAPACITY.

I have an upright boiler rated to carry 800 square feet of radiation heating my dwelling house of four rooms, each averaging 12x12. In addition to this, can I heat a greenhouse 20x40 and maintain a temperature of 56 degrees in Kansas climate? I have four runs of 4-inch pipe on each side of the greenhouse, or 350 feet altogether. W. P. R.

If the boiler in question is rated to carry 800 square feet of radiation and the house is no larger than you say, the boiler working at full capacity should be able to carry the four rooms of the house and the 350 feet of 4-inch pipe. It will not be safe, however, to increase the load. This amount of piping is ample for the house in question. L. C. C.

HEATING THREE GREENHOUSES.

I am about to construct three north and south houses, each 100 feet long. The two west houses are to be connected and the other one is to be partitioned off for roses, etc. They will be heated with hot water and the boiler-room will be at the northeast corner. I would like to know if I can run a 3-inch header the width of the houses and run three 3-inch flows, one in each house, off of the main header, and if the water could be forced up hill to the other end, the returns gradually dropping to the boiler. This radiation will be sufficient in our mild climate. H. H. P.

You will get greater satisfaction from carrying each of the three flow pipes direct from the boiler. You can arrange it as you suggest, but trouble frequently occurs with pipes so arranged; the current of hot water gets started in one set of pipes and actually passes the others without heating them to amount to anything, thus giving a very uneven distribution. If each flow is taken off the boiler direct there is no chance for this uneven distribution, provided the pipes are properly graded. L. C. C.

TO IMPROVE CIRCULATION.

My new greenhouse is 26½x80, with an addition 19x20 at the rear. There are three and one-half feet of concrete and three and one-half feet of glass on each side. The houses are fifteen feet to the ridge. The potting-shed and boiler-pit are at the rear. A forcing house 16x20, five feet high on the south side and twelve feet high on the north side, joins the potting-shed on the south. I have five flows and seven returns in the greenhouse, all 3½-inch pipes. There are five open tanks at the east end. There are two flows and two returns in the forcing house and one tank. I am obliged to cut off the heat from the forcing house in order to heat the greenhouse. When it is 4 degrees above zero outdoors the thermometer registers only 40 degrees in the forcing house, the same in the east end of the greenhouse, and 48 degrees in the west end. When it is at zero outdoors it is only 48 degrees in the greenhouse, with the forcing house cut off.

I have a Model No. 5 sectional hot water heater, rated to heat 1,700 feet of 4-inch pipe. The boiler is in a pit seven feet below the flow pipes. The stack is 12x12 inches inside, and twenty-four feet high. There is a fine draught. I burn enough coal to heat a larger building. Must I get a larger boiler or put in more pipes? I would like to turn heat into the forcing house as soon as possible in order to get lilies out for Easter. H.

Your boiler should be large enough to handle the piping you have upon it if it is equal to its rated capacity. The quantity of piping in each house should maintain 60 degrees of temperature if everything were properly arranged and the circulation good. If you can take each main flow off near the boiler, instead of dividing the flows up some distance away from it, I think you will get better service. I would also suggest that the two side flow pipes which are taken off at the jog in the main house be converted into returns and that the main flow be broken up only at the east end of the house, there to return by five returns instead of three as at present. The circulation will be better with this modification. The flows supplying the side coils should each go back to the boiler and be fed from separate openings, or from a manifold close to the boiler. There is too little opportunity

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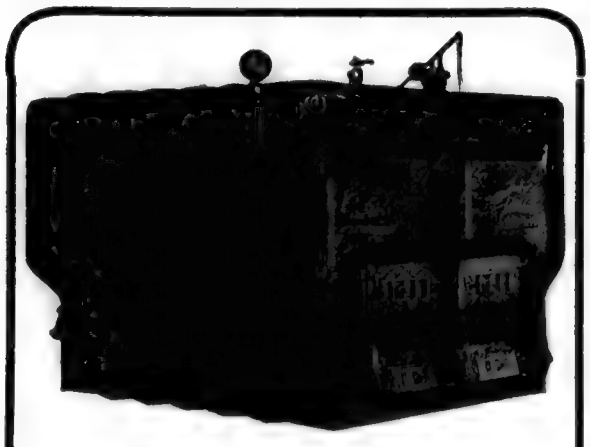
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L. C. C.

PIPING THREE GREENHOUSES.

We intend to build an east and west house 30x200 and to add to this, in a year or so, one or two houses of the same size. The potting-shed, with boiler-room underneath, will be 12x30 and will be at the center, so we can run the pipes each way. Does the direction in which the boiler is placed make any difference? How many openings in a No. 12 Kroeschell boiler will be required for three houses of the dimensions given? Would it be best to use 4-inch or 6-inch pipe for these outlets? Would it do to run a 6-inch pipe across the center of the house to connect all the flows and returns, 100 feet each way, with eight inches rise per hundred feet? We plan to install 3,200 feet of 4-inch pipe in each house, for Wisconsin climate.

W. W. T.

The efficiency of the boiler will not be modified by the direction it is set. The convenience of connecting the returns and the smoke-stack will determine the direction of the boiler as much as other factors, provided the pit allows sufficient room for firing and cleaning flues. A 4-inch opening for each house 30x200 feet will be sufficient. The returns can all be centered into two openings, one on either side of the boiler. If you install 2,400 lineal feet of pipe in each house it should be sufficient to maintain 70 degrees of temperature.

L. C. C.

CENTRALIA, MO.—George W. Larkan has installed a Kroeschell boiler capable of carrying 3,000 feet of 3-inch pipe.

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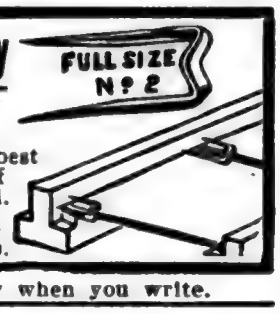
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NEWTON HIGHLANDS, MASS.—P. J. Melia reports good business considering the cloudy weather.

HUNTINGTON, L. I.—H. E. Hyde thinks highly of the Jeanne Nonin as a money maker. He says it is his most profitable late sort.

GALVESTON, TEX.—On account of the increased volume of business W. A. Hawkins has rented a room two doors south of his store in a corner of the Trust building, which will be devoted exclusively to flowers. The old room will be given over to souvenirs and curios.

TORONTO.

The Market.

Trade during last week was good, especially the latter part of it, and a big run on funeral work cleaned up everything that could be worked in. Good roses and carnations are scarce, while there appears to be about enough cheaper stock to supply the demand. Violets and bulb stock are coming in quite plentifully, especially daffodils both double and single.

The death of Timothy Eaton, our merchant prince, and probably the best known man in Canada, brought a big demand for funeral work, and Torontonians saw at the family residence on Lowther avenue the greatest number of funeral designs ever put up for one funeral. It might be here remarked that it is up to the florists to impress upon the undertakers, or those in charge of handling the floral designs during and after the funeral services, the necessity of handling such designs with care and with at least a small degree of respect. The way the flowers on this occasion were handled was simply disgraceful and was noted by many present. In fact, all who had an opportunity of seeing it were of the same opinion. This will have a bad effect on florists as it will cause many to discontinue sending flowers when they are handled in this way.

Various Notes.

We are glad to welcome back an old friend, F. C. Brown, who has been for the last couple of years in Philadelphia and now comes back to take charge of Mr. Dunlop's retail store.

H. G. Dillemuth, late of Dunlop's, who has taken over the retail business of Jay & Son, of Spadian avenue, had his special opening February 2. He had the store beautifully decorated, with an orchestra in attendance. The store has been done over and is now a credit to the city. D. J.

BEAVER FALLS, PA.—John H. Meyer, who has been out of business for some time, is planning to make a fresh start.

WESTFIELD, MASS.—Henry Barton, of this place, not Huntington, is preparing to build a rose house 100x150, eighteen feet to the ridge.

BRISTOL, R. I.—Richard Dunbar and his son, George, narrowly escaped severe injuries from an explosion of illuminating gas at the greenhouses January 31. The gas was escaping from the main pipes on Hope street, and when a match was struck the explosion occurred.

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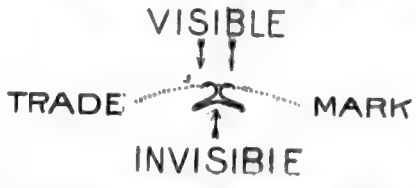


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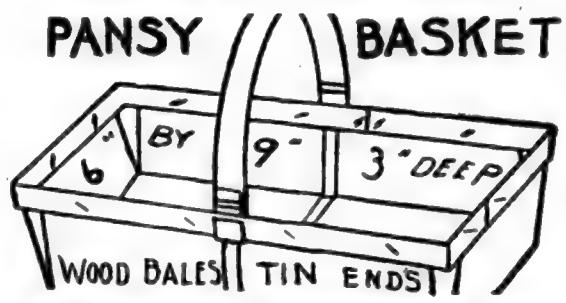
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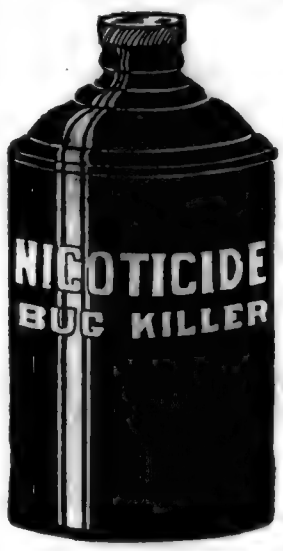
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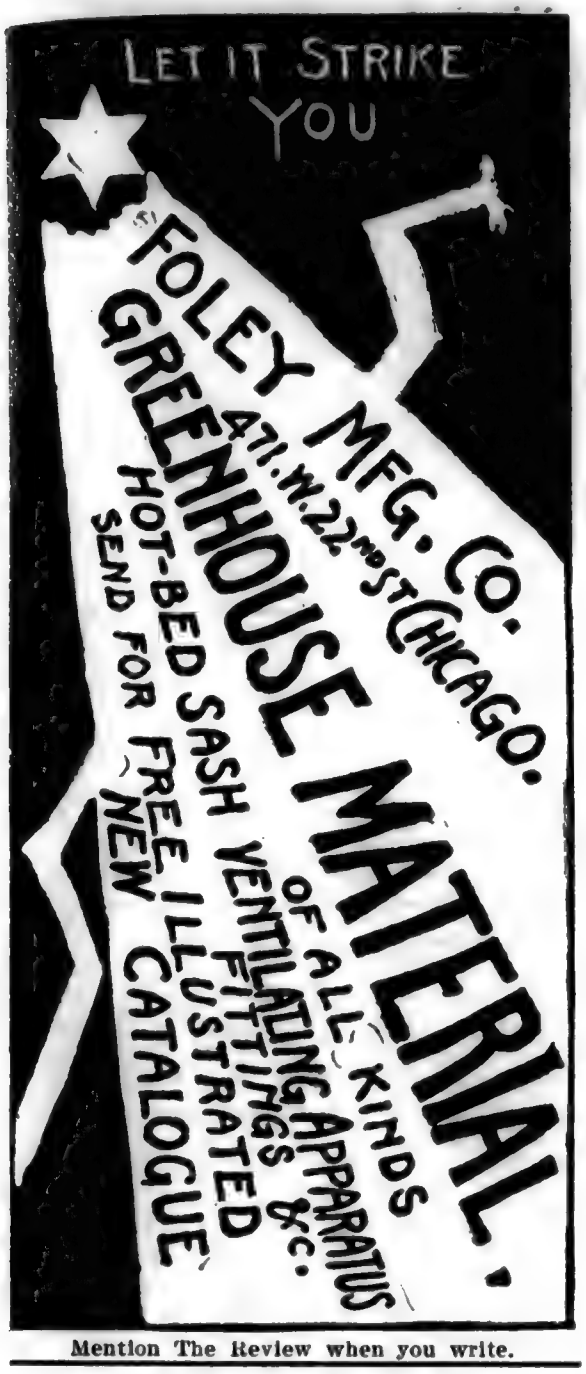
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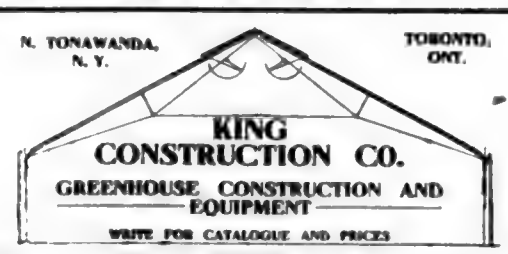
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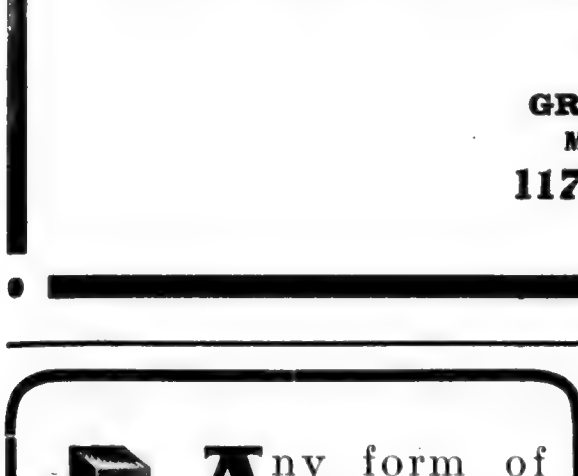
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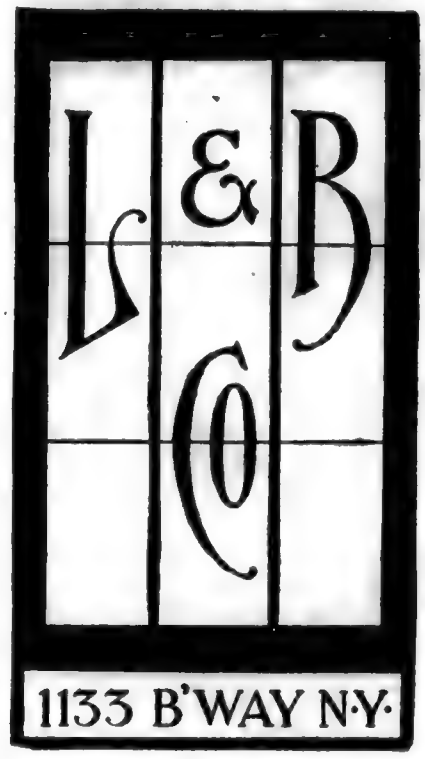
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FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, FEBRUARY 14, 1907. No. 481.

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SEASONABLE SUGGESTIONS

Geraniums.

Flowering plants for Easter are requiring more and more room each day, and to give them the necessary space is a temptation to crowd the bedding plants more closely. Especially is this true of geraniums. If you want nice, salable plants they must have room. They are speedily ruined by overcrowding. Those potted early in the year will now have the pots well filled with roots. Top cuttings taken from these and placed in small pots or a propagating bed with a fair bottom heat will soon root, but care must be taken not to overwater them. They will soon rot if sprinkled daily, as carnations or chrysanthemums are. Usually a good soaking when inserted should carry them until rooted.

If cuttings are not needed, merely pinch the tops out, if bushy plants are needed. Do it while the plants are growing actively and not while repotting them. The temptation is strong to kill the two birds with one stone, but it does not pay. If early potted stock is becoming well rooted give a shift to 3½-inch or 4-inch pots. Use a light but fairly rich compost for this purpose.

Pelargoniums.

These beautiful and attractive plants, often spoken of as Lady Washington geraniums, are not much grown commercially and have never attained in America the immense popularity they enjoy in Europe. Their flowering season here is shorter, owing to our hotter summers, but as they remain in bloom for some two months they are well worth growing. They prefer a cool house and at this season, unless especially early flowers are needed, the most prominent shoots should be pinched back. As green aphis has a special fondness for them, keep some tobacco stems among the pots. These plants are naturally at their best in May and June and around Memorial day are especially useful. Their flowers work in nicely in bouquets.

There are now some fine varieties of fancy pelargoniums. A few good sorts to grow are Crimson King, Lady Carrington, Mme. Thibaut, Dr. Masters, H. M. Stanley, Mrs. R. Sandiford and Duchess of Cornwall.

Heliotropes.

The present is a good time to put in a batch of cuttings of that sweet and most useful plant, the heliotrope. They root quickly in a warm house and, potted along, will make fine stuff in 4-inch pots before bedding plant sales start in. For window-box, vase, or bedding out purposes heliotropes are most satisfactory, while nicely flowered plants in pots are always salable.

Lemon Verbena.

If any old plants of lemon verbena have been stored in a cool house and kept on the dry side during winter, the present is an opportune time to prune them back and place in a warm house, where they will soon make a crop of nice cuttings. These soft shoots root readily when rubbed off with a heel. Some people imagine this is a hard plant to propagate. It is, when ripe or half-ripened wood is used, but soft cuttings take root as freely as heliotropes.

Jerusalem Cherries.

If you want a batch of nice, bushy Jerusalem cherries in 6-inch pots for Christmas sales, sow seed now. Probably you have saved one or two berries which will give you just as fine plants as any you can buy. Pot off into 3-inch pots when large enough, gradually harden off, plant outside in an open, sunny spot early in May, lift and pot about the middle of August, and you will have some stock to be proud of. Cuttings root readily, but while they make plants which ripen the berries a little earlier, they have not the neat, bushy habit of the seedlings.

Salvia Splendens.

While it is still somewhat early to sow seeds of the popular scarlet sage, if good sized plants are desired a sowing can be made at any time. Some florists prefer to keep over a few old plants and take cuttings from these. Of course these will make nice plants and will start to flower ahead of the seedlings. Our experience has been, however, that they lack the vigor of seedlings and their blooming season is ended before frost comes, especially if we get a prolonged, open fall, while seedling plants will be found flowering up to November. The seed catalogues list a number of forms of Salvia splendens, some of which are much dwarfer than the type. All are good, although we have failed to notice any difference in some of them except the name.

Coleus and Alternantheras.

While the severe winter continues and a brisk bottom heat can be had, it is a good time to put in a batch of cuttings of coleus and alternanthera, which are always in more or less demand. Throw away the old coleus plants, which seem to be favorite lurking places for mealy bug. From cuttings put in now coleus may be potted off within two weeks and kept in a warm house they will speedily give a crop of tips for cuttings.

Easter Lilies.

Lent is now with us and it is possible to tell with some degree of certainty how lilies are going to be for Easter. From present appearances a large number will not be in flower unless we get a warm March, or the plants are subjected to sweltering heat. If the buds are now visible you are all right, provided the plants are kept in a temperature of 55 degrees at night. Where the buds are still hidden, give the plants as warm and sunny a location as possible. Spray two or three times a day and give them a little sulphate of ammonia or nitrate of soda once a week when watering. Remember that lily plants and flowers lose half their value when Easter has gone and it therefore pays to watch the plants closely now.



Wreath of Orchids and Adiantum, by B. Schroeter, Detroit.

Hybrid Roses.

Plants carrying half a dozen or more buds and flowers of Brunner, Jacq., Louizet and other well-known and popular hybrid perpetual roses make popular Easter plants. To get them in to a nicety is rather a difficult problem. Plants should now have broken and made shoots several inches in length, on which

buds should be visible towards the end of the month. Similar treatment can be given to Crimson and Baby Ramblers. Sixty degrees at night now and cooler conditions later will bring them on in season. It is not necessary or desirable to have the flowers all open when selling them. One or two expanded blossoms and a few buds to follow will please your customers much better.

THE AMERICAN ROSE SOCIETY.

[An address by P. J. Lynch, of West Grove, Pa., before the Washington Florists' Club, February 5.]

It has been suggested that I give a general talk with reference to the American Rose Society, what it has accomplished in the past, and what it expects to do in this city. I will give you no occasion for alarm in thinking that I intend to read an exhaustive essay, because I feel that all of you are aware of the splendid work the society has done in advancing the welfare of the rose. In these few notes I hope to cover briefly the scope of the society and enlist the earnest and enthusiastic support, not only of the members of your club, but your friends outside of the florists' profession as well.

Purposes of Organization.

The American Rose Society was established in 1899, with the broad purpose in view of extending the popularity of the rose among commercial growers as well as amateurs; to increase the general interest in its cultivation; to impress the standard of excellence; to foster, stimulate and increase the production in every possible way of improved varieties suitable to our American climate. Since its inception it has made steady progress, until now the announcement of an exhibition under the auspices of the society attracts interested growers and spectators from all parts of the country. It may be safely said that at the last exhibition, held in Boston, there was perhaps shown the most magnificent collection of roses, embracing almost every class, ever staged in this country. At that meeting Mr. Sander, of St. Albans, England, remarked in his address: "If the exhibition I see here could be transferred to our Horticultural hall in London I am sure it would create a profound sensation. Your American Beauty and Richmond are as good, if not better, than any I have ever seen."

The society exhibitions have been instrumental in bringing about a keen but friendly rivalry between our commercial growers, and the value of this is readily apparent, because it stimulates the grower to give the growing of his plants that attention necessary to bring them to the highest degree of perfection, for the purpose of exhibition, thereby increasing the productiveness of his business in cash returns. Then, too, in setting a higher standard of excellence he advances the popularity of the rose by bringing forth its wonderful possibilities. Instead of going about his work in a careless manner, the grower, if he be interested in the progress of the society, will seek to outdo his brother grower in results, with the two-fold advantage of which I have spoken. This is the monetary view of the good the society has done, and apart from this commercial phase it has brought where the rose-loving public may see, the creations of the rose world.

These exhibitions are productive of benefits even to the grower who does not exhibit, but who in order to compete in the open market must perforce grow first-class flowers to hold his own. In short, our society is the harbinger of better prices for every grower.

While we do not have the great number of new roses that the European growers exhibit at their great shows, yet we are steadily improving in the creation of new varieties, as has been well testified to in the last three years, during which time there have been more new roses of merit introduced by American growers than, perhaps, in a decade previous to that time.

Interest in Hybridizing.

Interest in hybridization has been stimulated, and while the work differs materially from that with carnations, inasmuch as the latter flower responds so readily to the efforts at improvement, yet we are proud of the many new varieties that have first seen the light of day in America and have been shown at the exhibitions of the American Rose Society.

Then again, in this branch of the work the necessity for roses that will adapt themselves to our varying climate has been clearly shown, and by intelligent efforts we have accomplished something we have never had before, and that is the creation of roses to suit the planter of the south as well as the grower in the north, not only for the commercial florists, but especially for the amateur growers, who after all are first to be considered, because if we can enlist the support of the great masses of amateur rose growers in all parts of the country by helping them to succeed, we know not to what extent the power and influence may extend in beautifying our land and increasing the revenues of our growers.

We have found by experience that out of the multitude of new roses sent us from Europe there are few that have adapted themselves to our climatic conditions, so that it would seem to be the cardinal work of this society to demonstrate that which is best and that which is not best for professionals and amateurs alike, and this can only be accomplished by unity of action among growers, enthusiastic love for the rose, and a spirit that what is good for one of us is good for all.

The wants of the buyers of our product vacillate from time to time, and in order to keep abreast of the times and secure flowers that will bring the best price we must needs have some means of acquiring this knowledge, as well as of disseminating it. While Bride, Bridesmaid, Golden Gate and tea roses of similar character, whose popularity has not diminished because of the increased number of people who buy, yet it would seem, to touch upon this subject briefly, that as ex-President Montgomery of this society very aptly stated that the rose of the future will undoubtedly be raised from a mixture of the tea and hybrid perpetual, producing a hybrid tea of the type of Tom Fields and Queen Beatrice, your home roses; Richmond, Liberty, Miss Kate Moulton and others, all roses of the hybrid tea class, because of their high and positive colors, which are now so much wanted. Then, too, these roses require more skill in growing, which means more attention, resulting in the very condition spoken of previously, that the grower secures in the end a greater return for his labor than he could hope to do were we to continue to be satisfied with the favorites of former years. So much for what the society has tried to do in the past.



Fern Pans for Decoration No dining room or home is complete without ferns, as they add so much to the appearance of the room. The water should never be allowed to stand in the outer jardiniere. Keep in the light, but out of the sunshine. Water the soil daily, allotting to each pan about half a pint of water. Sprinkle the foliage morning and evening. When ferns are kept in a place where temperature is not above 50 degrees, the soil will require watering but once in two days. Asparagus Plumosus is the hardiest and most used variety but there are other beautiful kinds for filling fern pans.

For preservation of Cut Flowers and the care of Decorative Plants, a rubber hand sprinkler is almost indispensable. They make watering and spraying an easy task and accomplish it effectively. Such a sprinkler can be purchased for $1.00.

Decorative Plants All decorative plants should have jardinieres, both for decorative and practical purposes. They serve to hold the excess water. A little sand placed in the bottom of the jardiniere will keep the roots moist and cool. With almost all decorative plants, the soil should be watered once daily and the foliage twice. About once a week Palms, Rubber Plants and all other decorative plants with thick foliage should be washed with a sponge on both sides of the leaves in clear water. Every two weeks a washing with whale oil soap will be found beneficial. Palms, Ferns, and almost all decorative plants require protection from the extreme hot rays of the sun, although the Rubber Plant, when plunged in the open ground in the pot or tub in which it has been growing, will thrive most luxuriantly in the sunshine. Give plenty of water.

Everybody Loves Flowers The love of flowers and plants is a primal instinct in the human family, and evidences a need that should be supplied just as surely as the demand for learning is gratified. Children, particularly, should be brought in contact with them and encouraged to care for them, and no home or schoolroom is complete without some growing plant. It is a well understood fact, recognized by the medical profession, that the existence of plants is conducive to the health of children as well as adults. They supply oxygen for the room.

Advertising for Retailers.

(Cover and first page of a Hughes Folder.)

There are few people who get the fullest value or enjoyment possible out of cut flowers, ferns, palms and other decorative plants, simply through lack of knowledge of how to care for them. This fact is all the more surprising when it is realized that their care requires no scientific knowledge and demands so little attention.

Flowers for Dining Tables The height of a floral decoration for a dinner table should be from 10 to 15 inches. At large banquets a greater height is permissible. The best form is to limit the flowers to one variety, although two may be permitted. Each bouquet may consist of from 6 to 24 flowers. Roses or Carnations are always satisfactory, but at certain seasons Tulips, Narcissus, Daffodills, Hyacinths, Peonies, Gladioli, Asters, Dahlias, or Chrysanthemums may be used. When a low table decoration is preferred, Sweet Peas, Lily of Valley, or Violets fill the requirements.

In any floral decoration overcrowding and stiffness should be avoided. Try to secure a carelessly graceful arrangement, permitting every flower to preserve its own individuality.

Asparagus, Maiden Hair, or Dagger Ferns should be strewn on the tables, while here and there should be scattered a few Roses, Carnations or seasonable flowers. For a souvenir, one flower should be laid at each guest's plate. Clusters may be used for ladies.

The color of flowers should always harmonize, or at least not antagonize, the effect of the surroundings. Red and yellow are enlivening; deep red Roses or Carnations restful and luxurious. Pink and white are both pleasing.

Flower Vases Flower vases should be of not too narrow a base, of a design to hold the most water possible, consistent with style that is artistic and beautiful. A very satisfactory vase of pressed glass, 12 inches high, 4 inches in diameter at the base, 6 inches at the top, may be purchased for 50 cents. It will hold from 12 to 24 flowers.

Goldfish Globes, 4 or 6 inch sizes, make excellent vases for short-stemmed flowers, showing stems, foliage and flowers of Sweet Peas, Violets, Orchids, Lily of Valley, and Pansies.

Greens for Decorating Asparagus Ferns in strings are the most satisfactory, as well as beautiful. The warm atmosphere of a room does not affect them so readily as other kinds. Smilax is also used, while Wild Smilax and autumn leaves serve in their respective seasons. About the base of a mantel, grille or console may be grouped a few decorative plants.

Care of Cut Flowers Flowers are usually cut in the bud, or at least before the bloom has fully matured. They are then placed in jars of water in a room where the temperature is about 40 to 50 degrees. An ice box may be used. Flowers thus cared for will continue to develop and expand for several days.

Preserving Bouquets Flowers used on dining tables, mantels, etc., may be preserved for use the following day if properly handled. After using they should be immersed in water 5 or 10 minutes, the stems clipped about ¼ inch, then drained and wrapped in tissue or news paper to keep the air from the petals; then put in jars, stone preferred, large enough to hold sufficient water to cover the stems entirely, and put in an ice box. The following morning will find them, to all appearances, as fresh as the preceding day.

Saucer Bouquets Where is the man or woman who does not remember the saucer bouquets mother use to make? The late President McKinley liked all kinds of flowers, but the carnation was his favorite. He often remarked that all the magnificent floral decorations supplied by the White House greenhouse could not rival the saucer bouquets from his mother's little flower garden.

To arrange a saucer bouquet, fill saucer or plate with sand, elevating the center. Press with the hand and water thoroughly. Then, immerse the flowers or leaves in the water for 5 minutes, drain, shake and arrange in the saucer to suit the fancy, covering the sand first with leaves to form a background. Always press the sand well around the stems of each flower or leaf. Afterwards water again. Keep out of sun, but in the light, in a room where temperature is kept as cool as possible.

Advertising for Retailers.

(Last two pages of a Hughes Folder.)

Plans for Annual Meeting.

Now as to what it may expect to do in the future and in this city. The subject is one that I would not attempt to outline, because it is entirely dependent upon the combined effort of the growers, what may be accomplished. If the society goes forward as rapidly in the future as it has in the past it will accomplish a wonderful good for everyone engaged in the florists' business, not to speak of the great masses of people outside of the florists' trade who are interested in roses. My purpose in being with you is more to ask that the Florists' Club of Washington will give us that earnest support that we know it will, feeling that in doing so we are helping each other. We want more members, not only florists but those outside the trade, and in order to make the exhibition here a success let us bend every possible effort to increase the membership of the society and stimulate public interest in our efforts, and with your hearty coöperation we shall have, without doubt, the best meeting and most attractive exhibition ever given by the Rose Society.

As to what we expect to do at the forthcoming exhibition in our city, I am unable to give a list of the number of prizes to be offered, but you may depend upon it that there will be a splendid showing. In Boston, if I recall properly, we had about fifty prizes, cups and cash, with over 100 competitors. Our president, Mr. Simpson, at the meeting of the executive committee a few days ago in New York, informed us that there would be more prizes and of greater value offered this year than ever before, and this list will be ready for publication in a short time. It is yet early for entries, but with your coöperation I feel safe in saying that this will be one of the greatest exhibitions ever held in this country. I would specially ask that if possible the Washington society people be asked to donate some special premiums, to be published in the supplementary list, in order that we may secure their hearty coöperation in bringing the attendance up to the highest mark.

I shall be glad to answer any question I can in regard to the number of vases required, the height of the benches and give such information as I have at command, and before closing these remarks let me again urge your club to give us the best hand you can in order to push the good work forward, so that it may be said that the Washington exhibition far outshone that which has become so famous held in Boston last year.

GERMINATION OF SEEDS.

Seeds are dependent for germination on definite amounts of heat, moisture, oxygen and the absence of light, says the publicity department of the National Council of Horticulture. The amount of oxygen supplied regulates itself, if the seeds are planted in any soil that will readily admit air. The regulation of heat and moisture is most important, and is well under control. Among seeds that germinate quickly are most of the annuals, while the seeds of trees, shrubs and most of the herbaceous perennials require a longer time. The most delicate seeds are not always the smallest, although small seeds require careful handling after germination has begun, because of their size.

As seeds are started with enough food to enable them to develop a certain length of shoot and root it is not necessary to have the soil in which to sow them very rich, but it is important that it have good drainage and at the same time does not dry up too rapidly. A mixture containing equal parts of loam, leaf-soil, or peat, with a good sprinkling of sand, will give best results, except for seeds which require special treatment. It is a good plan, often practiced, to sterilize the soil by thorough steaming or baking, which destroys all seeds of weeds, insects' eggs, fungi, etc., that may be in the soil.

In preparing soil for planting seeds it should be passed through a coarse screen to remove lumps. If the seeds are to be sown in pots the latter should be cleaned and a few pieces of broken pots placed in the pot for drainage. Fill the pots with the soil, making the surface firm and level. If the seeds are very small, sift fine soil on top and immerse the pots in water, giving them a thorough soaking and allowing them to drain well before sowing the seeds. The latter should be scattered on the surface, not covered. Watch the pot carefully to keep it uniformly moist. Cover it with a pane of clear glass, removing it to admit air, and keep in a temperature of 60 to 70 degrees.

THE RETAIL FLORIST.....

PROFITABLE ADVERTISING.

For a Retail Florist.

In these days of competition and rivalry the retail florist should study the needs and cater to the wants of his patrons. Everybody loves flowers, but a great many people refrain from purchasing plants and cut flowers simply on account of a lack of knowledge of how to take care of them.

One of the best advertisements for a retail florist is to always keep an attractive and effective show window display, changing the arrangement twice a week, or at least once.

If the people passing can be induced to admire your windows some article may suit their fancy and they are induced to enter your store and seek information regarding its cost, use or care. These inquiries consume the time of the salesman and frequently do not lead to immediate sales.

About seventy-five per cent of the inquirers leave the store, promising to return later and purchase. Verbal information which has been imparted to them is soon forgotten. A little folder or

booklet presented to the departing inquirer serves as a further reminder of the object in view at the time they entered your store, and it also supplies additional information at a time when the recipient is in a receptive mood for acquiring knowledge pertaining to flowers.

My experience has been that about ninety per cent of all customers make inquiries or seek information about plants, cut flowers or some novelty carried by the florist. Each person entering your store is good, on the average, for three questions. If you have from twenty-five to 100 customers daily and each asks three questions, it is easily computed how many replies you will have made.

Time is money to the florist. Anything that expedites waiting on customers or assists in answering their questions helps him make money. It gives inquiring prospective customers desirable and useful information which they have been seeking.

The little folder, "Care of Cut Flowers, Palms and Ferns," was written and published in an endeavor to instruct, answer questions daily asked of a florist, and assist in aiding customers to decide the kind of flowers they wish to use for certain occasions.

I have found the little folders very productive in securing new business, as well as stimulating business from old customers.

The flower purchasing public has not been supplied with specific information by the retail florist to the extent that they have a right to expect. They haven't the time or disposition to read lengthy dissertations on the technical phases of the question. The folder seems to supply just what the public wants. It contains about 1,200 words. It is concise and practical and only takes about two minutes to read.

The title page is an arrangement of ferns in neat design, the whole being printed in green ink upon a light shade of green paper of good quality.

As an advertising proposition it has justified my greatest expectations. It is exceptionally profitable and brings immediate returns. Horace R. Hughes.

A CANADIAN DESIGN.

The accompanying illustration is reproduced from a photograph made at the establishment of Thomas A. Ivey, at Brantford, Ont. It represents a large design made recently by Mr. Ivey for the funeral of the late Colonel Cameron, of the Dufferin Rifles. The honorary colonel of the regiment was the late Lord Dufferin, who was formerly governor general of Canada. The motto of his family is "Per vias rectas," meaning through right paths. This was lettered on the design in immortelles. The shield was made solid with white carnations, the spray being of Sunset roses, valley and adiantum, and was the particularly effective part of the design. The shield was attached to an easel, which does not show in the picture. It stood five feet high.



Shield on Easel made by T. A. Ivey, Brantford, Ont.

Mr. Ivey has published a neat booklet of his designs, which he sends out to prospective buyers and hands to visitors. It is especially good for securing mail orders.

A DECORATOR'S AID.

The plant stand shown in the accompanying illustrations is not a new invention. It has been used by the George Wittbold Co., Chicago, for fifteen years, but it never has been offered to the trade, although every now and then some florist sees the stands in use and wants a few of them to use in his own decorative work. The illustrations show the front and the back view of a group of plants arranged with the aid of the stand, which really is a combination plant stand and vase. The picture shows the shape and character of the stand without making necessary any further description than that it is made of galvanized iron, light and strong. The two funnel-like sections are made to slip apart, so that the stands may be telescoped to occupy less space. When telescoped a dozen stands occupy no more space than does one in the position for use. As shown, a considerable group of plants may be arranged on one stand. Blocks made for tilting the pots of the plants at the base of the stand are made of iron in various sizes, to hold different sizes of pots securely. With the aid of this outfit any size of plant may be used and any plant in the group may be tipped to any angle desired.

MR. WILCOX VISITS TEXAS.

J. F. Wilcox, the well-known grower of Council Bluffs, Iowa, has just returned from a three weeks' tour through Texas, and as his knowledge of land values, climate, chemical qualities of the soil, moisture, rainfall, etc., is that of an expert on subjects of that sort, his opinion of Texas, or at least those portions of it he visited, are of more than ordinary interest and value.

"I spent some time at San Antonio," said Mr. Wilcox, "made two visits at Cotulla, went west as far as Eagle Pass and eastward as far as Corpus Christi on the gulf coast. Texas is a state of a great variety of soils, soils that are of variable value and adapted to a great range of vegetation. This fact is developing more and more every day as the state is becoming more thickly settled and a scientific knowledge is being obtained of its agricultural possibilities. It must be remembered that a great portion of southwestern Texas has lain dormant, only awaiting the touch of skilled husbandry to develop it.

"Cotton is, of course, to Texas what corn is to Iowa, but there are other crops that will net the farmer much larger returns, provided he is successful in marketing his product. The successful cultivation of watermelons and Bermuda onions is assured. Watermelons can be grown at little expense and without irrigation, and if the grower is successful in getting his crop on the market



The Rear and Front Views of a Group Arranged with the Wiltbold Plant Stand.

early it will net him a handsome profit. The Bermuda onions require irrigation. This means a large initial investment, but, in my opinion, under irrigation the returns to the grower are much more profitable, as the demand seems almost unlimited. The onion growers are organized much on the same plan adopted by the grape growers of Council Bluffs, and with such an organization they will be able to command higher prices in the future than they have been getting."

When Mr. Wilcox goes out on a land-hunting expedition he goes equipped for business. His is no superficial survey. He consults government weather reports for statistics on wind, rainfall, etc., carries a spade and an auger with which to test soils, and is an inveterate interviewer, gathering information from every source possible as he proceeds.

"What do you think of Texas land as an investment," was asked Mr. Wilcox.

"Carefully selected Texas land," replied Mr. Wilcox, "cannot but be an excellent investment. Any good land in the state that is located within a reasonable distance of the market will be worth $20 to $25 an acre in another year. But land is not the only thing in which investments can be profitably made in that state. At Corpus Christi there are hundreds of acres of cabbage, cauliflower and cucumbers that are grown for the northern markets and are netting the growers a handsome profit. While there I saw orange trees loaded with fruit. At San Antonio the parks are beautiful and roses are in bloom now, and while I was there we enjoyed real summer weather. We bought our newspapers on the streets from barefooted boys and read them on the hotel veranda. It was my first trip south and it was certainly an interesting one to me."



TROUBLE WITH VIOLETS.

I am having trouble in my violet house with a small black or brown fly that seems to be in the soil as well as on the plants; in fact, they are all over. I have fumigated with tobacco stems several times with little or no effect. There are also quite a number of white and yellow maggots in the soil. Some of the plants are in good condition, while others seem to be dying. The plants seem to be slow in budding; some of the strongest are not blooming at all. The soil is not very good, as I was late in getting started, and I didn't have time to prepare it. I simply dug it up and mixed three loads with one of manure and put it in the benches.

E. W. G.

You have my sympathy in your troubles. As it is getting so late in the season that you would not get them in good order to bloom, even if you treated them successfully, and as they are so far gone, the best thing you can do is to cremate them, root and branch, on a good hot boiler fire, every last one of them. I would not want any stock from plants in the condition you describe. Then I would clean out all the soil and spread it out on the ground outdoors, in a thin layer, so that the frost would have a good chance at it all. Then if the house is devoted to violets alone, I would give it one or two good sulphur fumigations, a few days apart, then sweeten up the benches, soil under benches, etc., with a good heavy coating of hot, freshly slaked lime. Then it will be in good shape to be useful for spring stock of any kind; and I never saw any one with room enough at this time of the year.

R. E. S.

TOO HIGH TEMPERATURE.

Will you please inform me what effect too much lime has on Marie Louise violets? Ours produce flowers light in color. A large amount of lime was worked into the soil. We keep the temperature at 46 degrees at night and 58 degrees in daytime and from 60 to 65 degrees on bright days, with plenty of air.

J. N. A.

I do not think that the light color of your violets comes from the lime in the soil, but should more likely think that it was a lack of enough and proper manure in the soil when making up the borders. Have you had aphis on them? They will weaken the plants so that the flowers

will come light and spotted. Again, you are keeping them a little too warm, as Marie Louise likes a night temperature of 40 to 45 degrees and a day temperature of, say, 55 or 60 degrees. And it is not well to have it go above 60 degrees if it is possible to keep it down by ventilation and shutting off the heat in the pipes. I think you will have better luck by running cooler. R. E. S.

GOOD PLACE FOR VIOLETS.

We would like to ask you for suggestions as to keeping a succession of stock in greenhouses throughout the year, if practicable. We are in the nursery business and have two propagating houses, 10x100, and six other houses, on hot water boilers, that can be run 50 degrees to 55 degrees. We are near Buffalo and have two other cities of 50,000 and 200,000 for markets. We propagate roses, plants sufficient for our nursery business, say 40,000 by summer propagation, also ampelopsis and clematis. What would you suggest as practicable to fill in the summer months and autumn? We have considered carnations, chrysanthemums, violets and lilies of the valley. Is there anything better? D. M.

Lily of the valley cannot be successfully forced unless a brisk bottom heat and minimum winter atmospheric temperature of 70 or 75 degrees is at command. Not knowing the dimensions of the six other houses named, it is difficult to advise what to grow. If they are of about similar width to the two whose length and breadth are given, violets would be more suitable than either carnations or chrysanthemums. We think it would be better to grow one particular flower than a variety. Violets do not need over 45 degrees at night in winter. If it is decided to grow doubles they could be lifted from the field about the end of August. In the case of singles, of which Princess of Wales is the best sort, the plants should be left out until they have had a few degrees of frost. If lifted before they are frozen they will make leaf growth at the expense of flowers.

We do not know the requirements of the several city markets named, but would suggest violets as the likeliest crop. The singles will have finished flowering at the end of March and the doubles a month later, when the regular propagation of roses, etc., could be done. C. W.

Oklahoma City, Okla.—A new $2,000 greenhouse is to be built in Wheeler park, and henceforth the city will grow its own plants.

CARNATIONS

SOME CHICAGO SEEDLINGS.

Illustrated in this issue are several Chicago seedling carnations, at least two of which are confidently expected to become widely disseminated in the trade. It appears that red is the favorite color of the experimenters whose principal occupation is growing cut flowers for the Chicago market. Bassett & Washburn, at Hinsdale, have raised a considerable number of seedlings, nearly all of them red. The one illustrated is that known as No. 20, which was awarded the American Carnation Society's bronze medal over more than a dozen competitors at the Toronto convention. No. 20 is a cross of Prosperity and Crane. It has Prosperity size and the flower has full petalage, giving an excellent form of bloom. The edges are serrated. Practically every grower at Toronto commented on the commercial possibilities of this variety, it being accorded a reception equal to Mr. Washburn's fondest anticipations, which is saying quite a little. Stock is being worked up on this variety and it is expected to bench 25,000 plants for next season. It will be the first time Bassett & Washburn have undertaken the exploitation of a new carnation. They intend to exhibit it largely next year and will in the meantime select one of those catchy and appropriate names which are a large assistance in the distribution of any new plant.

At Mt. Greenwod W. N. Rudd is growing practically nothing but seedlings originating on the place. The pet of the family is No. 28103A. We do not vouch for the continuity of the numerals applied to the seedlings originating here, but it is apparent that it was some time since series A was entered upon. This is a deep flesh pink, a cross between two unnamed seedlings. It has the blood of Daybreak, Scott, Mrs. McBurney and Mayor Pingree. It first flowered in 1903. He must indeed be of sanguine temperament who thinks he has a successor to Enchantress. But Mr. Rudd is of opinion, and it is worth while noting that he was one of the first to comment on the decadence of Lawson, that Enchantress has seen its best days. He has great expectations for No. 28103A and is working up stock of it to plant in quantity next season. The flowers have been on the Chicago market through E. F. Winterson Co. this season and have sold at a better price than Enchantress. The flower is large, the form excellent, the stem strong and of good length.

Wietor Bros. have been growing seedlings, for pure interest in the work. They do not contemplate introducing anything now on the place, but have a



W. N. Rudd's Red Seedling Carnation, No. 16802A.



W. N. Rudd's Light Pink Seedling Carnation, No. 28103A.

number of good ones, several of which will be planted in considerable quantity next season. It is worth while noting that practically all their seedlings are red, although they also have a good white. The preponderance of red would indicate a strong desire for something better than existing varieties of this color, but their seedlings all antedate Victory and Robert Craig. The one illustrated is a flower of good size on a strong stem and with excellent calyx. The color is bright and the variety has excellent shipping quality.

Another Mr. Rudd hopes "will trot," to employ a characteristic expression, is a scarlet designated as No. 16802A. It is a seedling of Estelle on another seedling produced by many crosses. There is Argyle, Mrs. McBurney and Maceo blood in it. It first flowered in 1902 and has given excellent results thus far. Mr. Rudd is growing it in considerable quantity this year. Ed Winterson thinks highly of it.

No. 18103A is nearly a pure rose pink and a beautiful thing when it comes right, but Mr. Rudd says he is afraid it is too uncertain to grow in quantity. It first flowered in 1903, a cross of Dorothy Whitney on a seedling. The first cross, in 1896, was Daybreak x Wm. Scott. It also has the blood of Mrs. McBurney and Cerise Queen, the latter at one time having been Mr. Rudd's most prized pink variety.

All these seedlings probably will be shown at the meeting of the Chicago Florists' Club tonight, Thursday, February 14.

MR. STROUD'S OPINIONS.

[The views of Edward A. Stroud, Overbrook, Pa., as expressed before the Florists' Club of Philadelphia, February 5, 1907.]

Our worthy president, Mr. Pennock, William P. Craig, Mr. Beattie, my foreman, and myself left the Reading terminal at 6:30 Tuesday evening, expecting to arrive in Toronto for the Carnation Society's convention at 10:30 next morning, but the train was delayed, not reaching its destination until 1 p. m., so that we had barely time to get to the hall and stage the few flowers I had sent before the opening of the convention. I will not attempt to go into the detail of the proceedings, or of the prizes awarded. What the members want to know, I think, is my opinion of the varieties shown, and their respective merits.

I am more than ever convinced that a line must be drawn between what may be termed the exhibition and the commercial carnation, just as we class our chrysanthemums. I want to impress members with the fact that the prize awards are very misleading. The question of how many flowers per square foot, and how these flowers are cut through the various months of the year, are facts which can be gained only through experience.

I will take the carnations in their colors starting with the white section.

Whites.

Alma Ward stood out prominently. It certainly is an exquisite flower and has improved considerably since shown at Boston. It is particularly adapted to the New York market, where it can command the price of which it is worthy. I suppose you noticed that this variety was awarded the silver medal; the gold medal was withheld because the judges did not consider any variety up to the standard required by a gold medal, and I might add that, taking all the exhibits, none was at its best, owing doubtless to the unfavorable weather all over the country the week previous.

White Perfection, well spoken of by many, is a fine, large flower, a good, clean white and an improvement over Lady Bountiful except in stem. I have some doubts as to its keeping qualities.

White Lawson comes such a poor color and so short-stemmed early in the season that it is not just all that is desired. The whites were poorly represented. I do not recall a vase of Lady Bountiful, which was so prominent at the Boston show. The general impression among the trade is that it lacks petalage, is neither early enough, nor free enough. There is a great opening for a new white and I wish some one would originate one to fill the bill.

A new white called Georgia looks as though it mignt be a good thing commercially. It does not have the size of White Perfection, but has a better stem and, I should judge, is a free bloomer.

The Reds.

Robert Craig still holds first honors, according to the judges. It is no doubt a fine red, and where a fancy price can be obtained, it would be profitable to grow.

Beacon was well represented by Mr. Fisher, Cottage Gardens, and the Strafford Flower Farm. We think well of Beacon. The habit of the plant is similar to Enchantress and shows excellent breeding. It is free, healthy and of good size as to flower. I have heard some criticism as to its color. Personally I see no objection to it, as my experience with red carnations has proven that the orange-reds are better keepers and shippers and without the habit of bruising, as do Cardinal, Adonis and Flamingo. I am satisfied with Beacon and expect to grow a quantity next year.

Victory was not shown extensively. It has the same good qualities as Beacon in regard to its keeping qualities and color. If it has any faults it may be considered a trifle weak in stem and form of flower.

A new red of merit was a seedling from Bassett & Washburn. As I saw it on the table it looked like a good commercial variety.

Red Chief, exhibited by F. Dorner &

Sons Co., while a good color, showed a weakness of stem which made it undesirable to me. This fault, I understand, was owing to the climatic conditions. I was informed that Lady Bountiful, when first shown as a seedling, looked much the same way.

Mr. Haines' red has done poorly at Strafford. If I could grow it the way Mr. Haines does it would be fine, but, unfortunately, I have not yet been able to do so; it does not feel at home at Strafford, and the difficulty looks to me like a question of soil. I saw it doing beautifully at Mr. Wiedener's place at Elkins Park.

In Pink.

In the class designated as the Scott shade of pink, Winsor was shown by the F. R. Pierson Co., in quantity and it certainly appeals to me. It is what is wanted in color and, while it may be slightly undersized, and may be a little short in stem, its freedom and color offset, to my mind, anything that may be said against it.

Winsome was one I did not examine closely. It seemed a pleasing shade and one that would be desirable. Dailledouze Bros. exhibited a pink sport of Lawson.

The cerise class, or Lawson shade of pink, was better represented than any other class. The great objection, it seemed to me, was the bluish cast most of them had. Two, the colors of which pleased me, were Afterglow and Mr. Weber's new seedling, Mabelle. Both of these arrived too late to be judged. Aristocrat is a fine, large flower. Its color did not strike me favorably. Perhaps I am too critical.

Dailledouze Bros.' new seedling, No. 348, which won the bronze medal, is a large, fine flower, but, again, I did not admire the color.

Mrs. C. W. Ward was attractive. I understand Mr. Ward thinks so much of it that it is not to be put on the market.

Elsa Struss did not show as well as at Boston.

Helen Goddard looked good commercially.

Pink Imperial showed good flowers and probably the longest stems in the show.

Variegated.

In the variegated section was Helen Gould, a sport of Enchantress. As a novelty it will make a place for itself.

Toreador, by Weber & Sons Co., an improved Prosperity, has good form and much better stem.

Bayside, or seedling No. 9, by A. Roper, is a much improved Mrs. M. A. Patten, and if a free bloomer should be a good thing.

Patten still holds its own.

Imperial attracted attention by its magnincent stems. It is a novelty pure and simple.

Other Varieties.

In the class for Enchantress shade of pink, Enchantress itself, so generally well known, hardly needs description. There is nothing to displace it. One competitor, by Baur & Smith, called May, was a better color but undersized.

Some seedlings exhibited by F. Dorner & Sons Co. are worthy of mention. One, a scarlet, No. 305, I think will be heard from, also seedling No. 97-03, a maroon shade, attracted my attention.

I hope my remarks will be taken in the spirit they are meant. I have tried to give my opinion as the flowers appeared to me personally, and I trust no one will be misled by them. Next year, when we meet at Washington, I hope we will have a large delegation from Philadelphia.

CARNATION NOTES.—WEST.

The Second Batch of Cuttings.

If you were unable to get as many cuttings in the first batch as you will need for next season's stock, it is not too late to put in another batch of cuttings that will make the finest kind of plants by planting time. The cuttings you take now will be stronger than the earlier ones, and for that reason some growers prefer February cuttings to any other.

During the last two months the weather has been favorable to the rooting of carnation cuttings, but now the sun is getting stronger and we are apt to see more of it and you will have to exercise more care against wilting than heretofore. On bright days the ventilators will be raised several inches and you must guard against strong draughts, which are as deadly as the hot sunshine to the cuttings.

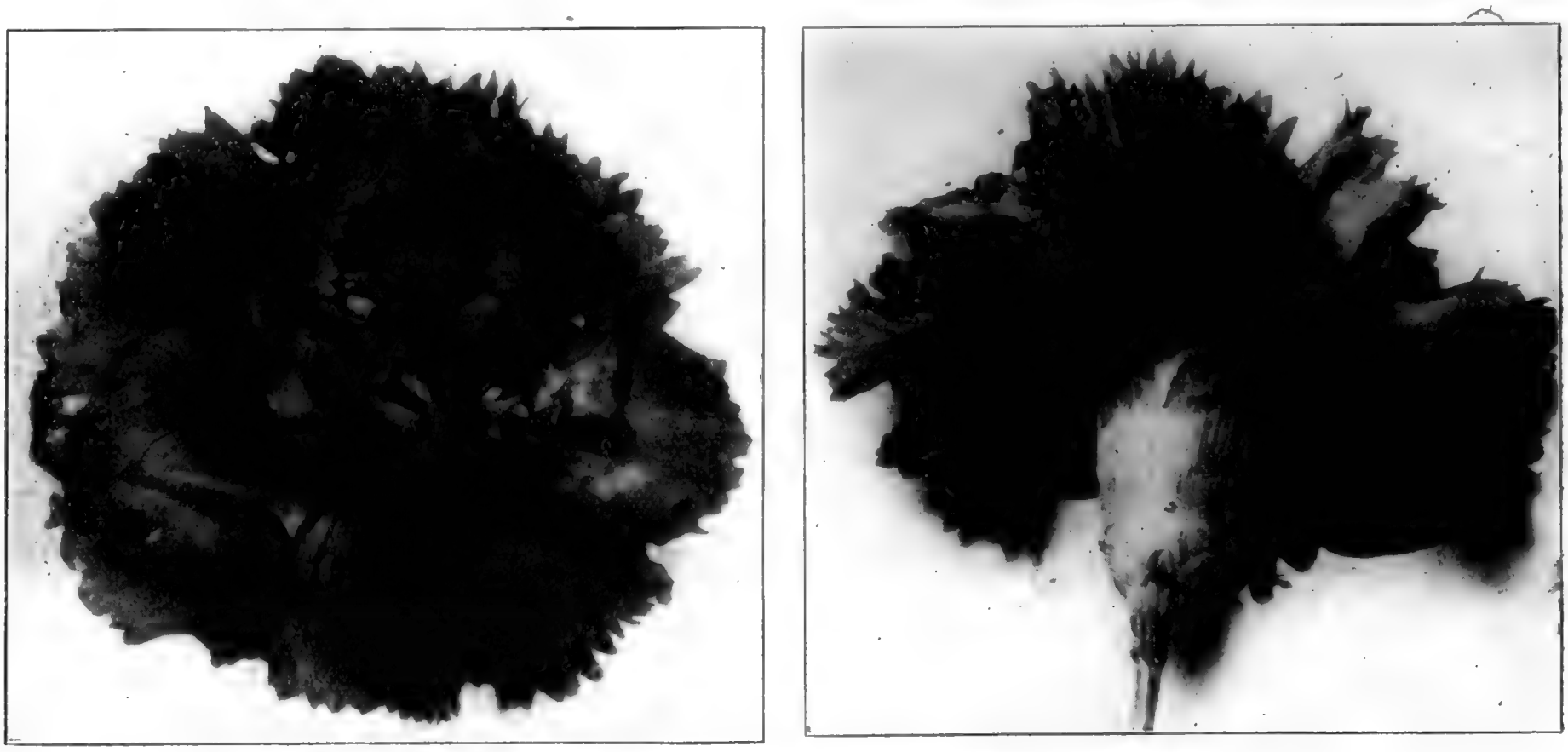
Fresh Sand Advisable.

There also comes the question of using the sand for more than one batch of cuttings. As a general proposition I do not favor using the sand for more than one batch. If the cuttings all rooted and were taken out before the roots attained any considerable length, then we sometimes leave an inch or so on the bottom for a second batch of cuttings, but never for a third batch. If a batch rooted poorly, or if a few of them damped off, then we take out all the sand.

The sand is the cheapest thing used in propagating and the danger from fungus, etc., is too great to economize unwisely on that article. Sometimes, even if the strike was first-class, some of the roots are broken off in taking the cuttings from the sand and these rot in a short time and contaminate the sand, causing fungus, etc. If you will stop to consider the cost of the sand and the value of the cuttings you expose to the dangers in the use of old sand you would not hesitate to renew it for every batch. Even when figuring the value of your cheapest cuttings the cost of the sand will be little more than one per cent of the value of the cuttings. Does not that make it seem foolish to use old sand? And that is not all. When you put in a batch of cuttings for your own use you depend on them for your next season's stock. If you don't get them rooted you are worse off than if you had not tried to root any. And if you take out a lot of poorly rooted stuff and worry along with them, you will likely have a poor lot of plants to house for next season. So I say, don't risk dollars to save pennies.

Topping Young Plants.

Some of those young plants you potted some weeks ago may need to be



Red Seedling Carnation Raised at the Establishment of Wietor Bros., Chicago.



Bassett & Washburn's Red Seedling Carnation, No. 20.

topped in the near future. Do not put off topping the most forward ones until all the plants are ready to top, but look them over once each week and top what need it and leave what do not need it. These last few words are as important as the first.

Occasionally you will see a man topping carnations and when he comes to a small one he will pull out only the very tip, thinking that he is taking out just about what he would take off later if he left the plant untouched. If he did what he thought, it would be bad enough, but in most cases what really happens is worse. A few weeks after he has taken the tops out in this manner, he finds that what he really did was merely to pull off four or six young leaves close to the stem and the tip proceeds to grow upward and has to be topped properly when the stem begins to lengthen. This sort of thing merely injures the plant and does not serve the purpose intended. The time to top a young plant is when it begins to run up toward the formation of a bud. When you can see the stem between the joints, then count as many joints as you may want to leave and take off all above that point. Top all the plants of the same variety as nearly alike as you can, as that will help greatly in making uniform plants.

When topping the young plants keep a sharp lookout for spot diseases, rust, etc. Pick off all diseased leaves and burn them. A. F. J. BAUR.

FOR SIMILAR TREATMENT.

Kindly let me know what varieties of carnations would be best suited to plant in the same house. I want some each of white, pink, red and a few variegated, also a few of the Daybreak color. What would be the best temperature for a house containing the above mentioned kinds. S. H. S.

Any of the following varieties will do well in a house that is run at 50 to 52 degrees at night, 6 degrees warmer on cloudy days and 15 degrees warmer on bright, sunny days: Enchantress, Rose-pink Enchantress, Beatrice, Lady Bountiful, Vesper, The Queen, Indiana Market, White Perfection, Moonlight, Candace, Helen Goddard, Indianapolis, Victory, Robt. Craig, Flambeau, G. H. Crane, Harlowarden, H. Fenn, Crimson Glow, Cardinal, Mrs. Patten, Glendale, Dorothy Whitney. If your soil is rather light and you have good success with Mrs. Lawson, you can cover the list of colors pretty well with its sports. There are Mrs. T. W. Lawson, White Lawson, Variegated Lawson, Red Lawson and Melody, which is about the same shade as Enchantress. All these will, of course, do well in the same temperature, which should be 54 to 56 degrees.

A. F. J. B.

CARNATIONS ON SOLID BENCH.

Can carnations be grown as successfully on a solid bench, with six inches of cinders under the soil, as in a raised bench with bottom heat? W. E. D.

Most growers prefer to plant their carnations on shallow benches with gentle bottom heat. The solid benches do not admit of forcing the crop to the same extent as do the elevated benches. This is sometimes a great advantage when flowers are in demand at a good price. The crop is more tardy on the solid bed and late crops are seldom as profitable as early ones. L. C. C.

CARNATION WHITE PERFECTION

Please tell us who raised Carnation White Perfection and what is its parentage? It seems almost identical with a seedling I have flowered for the first time this year and which to me seems an excellent thing. My seedling is the result of a cross between White Lawson and Lady Bountiful, the latter the seed parent. The flower of my seedling may be slightly larger and higher built than White Perfection. Why do they recommend such a high temperature for this variety? Does it split? S. K.

White Perfection was raised by F. Dorner & Sons Co., Lafayette, Ind., and is a progression along the general line of white seedlings raised and disseminated by this firm, of which Lady Bountiful is one, so that it is not unlikely that other seedlings of Bountiful might possess some of the same characteristics. A temperature of from 54 to 56 degrees is recommended for White Perfection. It does not split its calyx more than other sorts. It is what nearly all growers consider the best white carnation on the market today.

LEAF-SPOT AGAIN.

Can you tell us what is the matter with our carnations? We have several varieties affected, as inclosed sample, but the Boston Market is the worst. They are affected in batches of fifty to 100 plants, while the adjoining plants are perfectly healthy. We have tried them on the dry side and with plenty of water, but they do not seem to outgrow it. Would too much wood ashes in the soil have that effect? A. E. L.

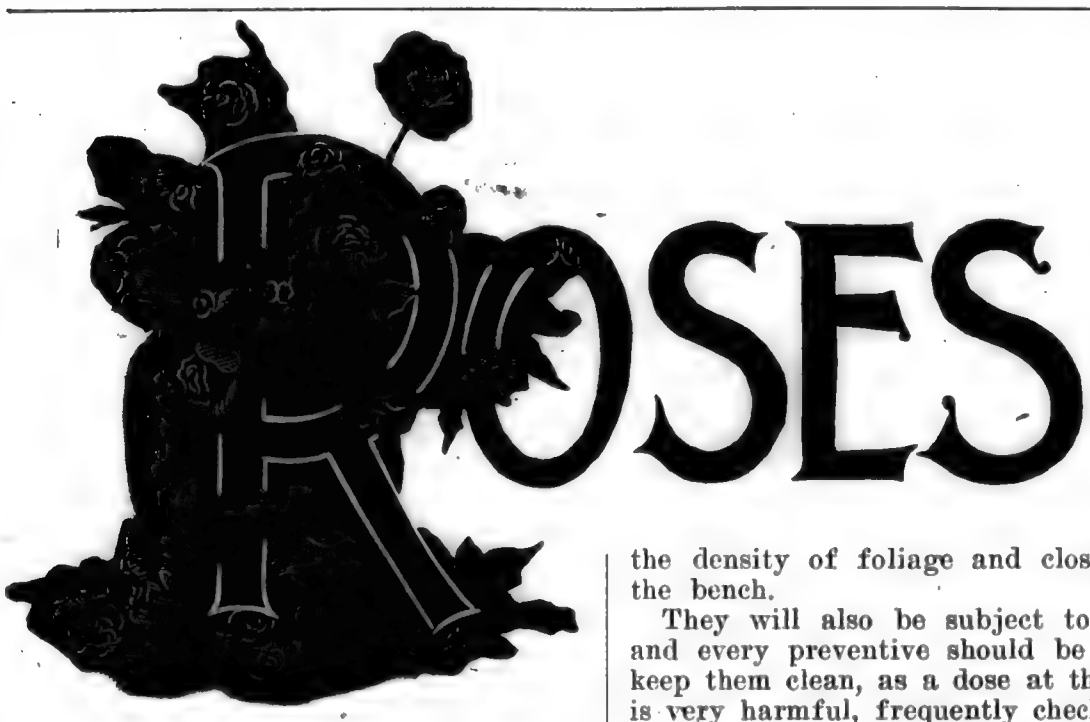
The specimen you forwarded is badly affected with the common leaf-spot, or Septoria Dianthi. This is not caused by too much wood ashes, at least not directly. Too much food in the soil might cause the plants to grow soft and more liable to contract the disease.

This disease is usually brought on by a lack of ventilation, or fire heat. During the last six weeks the complaint against continual cloudy weather has been general throughout the country and it has caused all kinds of disease and weakness among greenhouse stock. Instead of having sunshine every few days and steady firing at night, it has been warm and murky, just the conditions re-

quired by the fungus diseases to become active. The temptation to economize in fuel has caused many growers to keep the ventilators down and let the steam go down when it was not absolutely necessary to have steam up to keep the temperature up to the mark. Perhaps you made the same mistake. It is surprising how quickly the atmosphere becomes damp and foul and unfit for plants to grow in.

During such weather you should keep up fire heat and if necessary keep the ventilators open an inch or two. Not only does this let out the excessive heat, but it causes a circulation of air which in turn dries out the atmosphere in the house. Changing the air in the house is as necessary as watering the soil, and you should make it a practice to raise the ventilators an inch or two for a little while every day. If it is cold outdoors, you need not raise them much, in fact you should not be able to feel any cold draught. A very small crack will change the atmosphere in an hour, and the colder it is outside the quicker will be the change. Oftentimes during prolonged cold spells some growers will not open the ventilators for a week or more. This is a mistake which brings on spot diseases and causes the stock to grow soft much quicker than if fresh air had been supplied every day. Then, also, you should use such precautions as painting a steam pipe with sulphur and lime and water, or dusting the plants with the same mixture in dry form or grape dust. If your houses are inclined to be damp, you should throw slaked lime around under the benches and in corners, etc. Running the roots on the dry side will do little or no good if the atmosphere is damp and musty. Pick off all the affected leaves and burn them. Then if you will follow the above suggestions, and with the aid of the sunshine we are likely to have now, your plants should grow out clean again.

A. F. J. B.



REPOTTING.

As soon as the pots are filled with roots and the young plants have completed their first growth, they ought to be repotted without delay, so as to avoid any check. If this operation is neglected the plants become stunted and hard and require a long time to regain their vigor. Half-inch shifts, although entailing more care and labor, are preferable to shifts of one inch, as the growth is of a firmer texture and the plant more stocky. The usual rose soil passed through a ½-inch screen without any additional fertilizer is rich enough to carry them on until they require another shift.

Pot firmly and keep the ball about in the same position in the new pot as it occupied in the old. Water thoroughly until the whole of the soil in the pot is uniformly moist. As there is always more or less draught in the potting-shed, the plants should not be allowed to sit around any longer than necessary, but should be removed to the house they are to occupy. In order to give these young plants a fair show they should be placed on a bench with a full exposure to the sun where there is plenty of ventilation without draught.

They will now require persistent and careful attention in regard to watering and syringing, particularly syringing; as, if spider once gets a lodgment, it is very difficult to get rid of it, owing to the density of foliage and closeness to the bench.

They will also be subject to mildew and every preventive should be used to keep them clean, as a dose at this stage is very harmful, frequently checking the plants to such an extent that they are practically ruined. The best preventive is to be careful in ventilating. By this I mean to give the plants all the air possible, consistent with safety, keeping a steady temperature night and day and avoiding all sudden fluctuations and draughts.

For safety, a dusting of sulphur once a week should be applied, selecting a bright, warm day for the operation and allowing it to remain on the leaves for at least twenty-four hours before using the syringe.

At a temperature of 56 degrees nights and from 60 degrees to 75 degrees during the day, the plants will make wood of a good texture and form good eyes for a future growth. Ribes.

THE HYBRIDIZATION OF ROSES.

[A paper by John Cook, of Baltimore, Md., read before the Washington Florists' Club, February 5, by Charles McCauley.]

The longer I study and work in the line of hybridizing, the more I find there is no ending in the mysterious working of nature. Hybridizing has been carried on by botanists for nearly 200 years, but more for scientific knowledge than for the floricultural improvement of flowers, in particular the rose.

The First Hybrids.

The first hybrid tea roses were raised by Mr. Bennet, of England, and then rapidly followed up by German and French rose growers. The first hybrid tea rose in this country, namely, Souvenir de Wootton, was raised by the writer of this article about twenty years ago. It was the outcome of crossing Bon Silene with Louis Van Houtte. In attempting to recross this rose for several years I found it has a tendency to reproduce itself, and I abandoned it. Then came Marion Dingee, out of Caserta, a good, dark red rose for outdoor purposes, and Mrs. Robert Garrett, out of Sombreuill and Caroline Testout.

Commercial Seedlings.

Thousands of seedlings have been raised and some of them have produced extra fine flowers; but the habit in the way of growth and the production of the flowers for commercial purposes were such that it would not pay to grow them.

I found by recrossing some of those seedlings which have the least faults, we are more apt to get good roses for a commercial purpose. I have one now which has the good points for commercial winter work. It is the second generation of my white seedling, Madonna, and the Enchanter. It has a stronger growth than either of them, a stiff stem and large, pink flowers a shade lighter than the Enchanter. Another one, which is the outcome of one of my unnamed seedlings, with another unnamed one which had American Beauty blood on the male side, is now ten months old from the seed, and has produced during this winter five beautiful, shell pink flowers. The flowers are as large as the American Beauty, with three and four feet of stiff stems. The foliage is larger and handsomer than that of Beauty. The future will only tell how satisfactory this is going to prove. There are many other recrossed seedlings in sight, of which I will not speak now.

The trouble with most of our winter flowering standard varieties is, that the organs are, in ninety-nine cases out of a hundred, imperfect; namely, Bride, Bridesmaid, and Golden Gate. In red we have good material to work on, such as Richmond, Cardinal and Liberty. The best in pink is Caroline Testout. Marie Van Houtte, with its strong, healthy growth, makes a good seed bearer, as does also Etoil de France. As this rose proved to be too double, I thought of using the pollen for a less double rose. I chose Richmond. The result was that two seedlings came up and bloomed for the first time a month ago. One of them was perfectly single, with a more rapid growth than the Richmond, and the other one was as double as Etoil de France. I have several seedlings where the pollen was taken from three and four different varieties mixed together, and they are of the richest color in red of any I have ever raised.

Hints on Pollination.

In most cases, if you cross a white variety with a pink one the seedling will be lighter than the parent pink; and if you cross a pink rose with a red one, it will be darker.

For the seed bearer I would use the strongest grower and for the pollen bearer the best color. It takes four or five months for the seed to ripen. When perfectly ripe bruise the hepe, or seed ball, and put it in sand; it will soon rot. Then you can wash the seed out and sow it at once. It will take from three to ten months for some to come up. You will find that not near so many will come up as you have sown. The reason of this is, a great many of the pistils are

twisted; consequently the pollen cannot be carried down to the ovule.

I always take a little pollen of the seed bearer in order to get as much of its habit as possible, as the pollen parent sometimes dominates over the seed bearer and you lose exactly what you have been trying to preserve, a strong growing habit.

Under glass I fertilize any time, summer or winter. For outdoors in summer you have to do this early, as the pollen on a hot day towards noon gets hard and is then worthless. If the pistils have a watery appearance, then is the time to apply the pollen. If the flower which you wish to fertilize is not quite ready to receive the pollen, you can cut the flower, which you wish to pollenize with, put it in a tumbler of water in a cool, shady place and it will keep for two or three days.

Work With Other Plants.

Martner, of Germany, was the first to give the florists some really good things in the way of azaleas. The first crossing of tuberous-rooted begonias was made by Zeith & Sons, of London, in 1869. Much has been written lately about the pollenization of the pear. My first attempt in this line was about fifteen years ago. I crossed the Duchess with the Seckel, and the Kieffer with the Seckel, and carefully pollenized them for two days in succession. As the flowers appear in clusters, I pollenized every one on one cluster. In a few days I examined them and found that half of them were dropping off. I had noticed at the beginning that some of the stems that carry the flowers were of a much paler green than others. By close examination and dissecting I found it was the fault of the stem that supplies the flower with nourishment and no amount of pollen would set fruit. This only shows that the fault of not setting fruit is put on the wrong side. Plants are capable of forming the fleshy part, or the shell, case, or whatever you may call it, that surrounds the germ of the seed without any pollen.

I have a Cycas revoluta which every other year brings a crop of seed, not the fleshy part, and the shell that surrounds the little bulby part inside is always perfect. All it would need would be some pollen to fertilize it, as pollen is nothing more than living cells, and with these cells life begins.

My advice to young men is to begin early and study plant anatomy and physiology. Dissect the flowers and fruit, follow up the organs, see where they start from and where they go. Without this study we are working in a fog and by studying them we are able to gather a few pebbles on the shore of horticultural knowledge.

FOOD FOR TEAS.

How much manure should be put into sandy loam for Bride and Maid roses and how much bone meal? Should the beds be tamped before planting? Should they be watered with liquid manure when dry and with clear water between each of the manure waterings? How early should liquid manure be given them?

W. R. M.

It depends on the nature and richness of the soil and, without examining it, it is impossible to state the exact proportions of soil and manure required to make it suitable for roses. The quality of the manure must also be taken into consideration. The usual proportions are good, turfy loam four, decomposed cow manure one.

Tamping the soil in the benches is a rather ancient custom and not much practiced by up-to-date growers; but if the soil is of a very sandy nature the soil can be tamped firm after the plants are benched.

It is not a good plan to feed with liquid manure when the soil is dry, as the plants are apt to use too much at once and sicken themselves. When the soil is in a half dry condition is the best time to use it.

If the liquid feeding is of ordinary strength and the plants are robust there is no necessity for using clear water between liquid applications.

As to the proper time to commence feeding with liquid the grower must be guided by the condition of his plants and the original richness of his compost. Many good growers refrain from this practice until the days begin to lengthen in February.

Bone meal can be applied at almost any time with beneficial results. One bushel to each 500 superficial feet of surface is sufficient for each application. This should be lightly stirred in and can be repeated every six weeks with perfect safety. RIBES.

The advertisement in the Carnation Number of

THE WEEKLY FLORISTS' REVIEW

was entirely satisfactory and has brought us lots of business. Will soon use more space.

HEIM SUPPORT CO.

Connersville, Ind.

Feb. 2.

BOSTON.

The Market.

While wintery conditions continue and we are enjoying zero temperature, with abundance of snow for sleighing, we have had rather more sunshine and flowers are more abundant. In the case of carnations, prices have fallen and a further decline in the near future is probable. The long dull spell in December and January must be held responsible for a lack of stem on many of the flowers.

Roses still sell at high prices, although a decline, due to increasing supplies, is noted as compared with the previous week. Best Beauties and Richmonds still realize something like Christmas prices. Short-stemmed Brides and Maids are more abundant and lower.

Violets are plentiful and many are sold at 25 cents to 30 cents per hundred, which is not very remunerative. Best stock, however, still realizes 50 cents to 75 cents. Sweet peas continue to sell well. Easter lilies are rather scarce and make $2 a dozen.

There is a much larger quantity of bulbous stock arriving, but the bulk of it clears satisfactorily. La Reine continues the dominant tulip, while Trumpet Major, Golden Spur and double Von Sion are daffodils most in evidence. Some fine Lilium speciosum album and rubrum are coming in and meet with a good sale. No special change in ferns or asparagus, but smilax is making better prices than usual.

Southerland Suicides.

George Southerland, wholesale commission florist at 34 Hawley street, on Monday, February 11, was found asphyxiated by gas supposed to have been turned on by his own hand with suicidal intent. The interment was Wednesday afternoon.

George A. Southerland was formerly a partner of W. J. Stewart in the commission business. Later he was associated with a man named Peck. After a number of vicissitudes the business recently was reorganized as the Southerland Co., a Mr. Burke being associated.

Various Notes.

John W. Duncan, of the Boston park department, delivered an interesting lecture on "The Home Vegetable Garden," at Horticultural hall, February 9. The audience was the largest of the season and the numerous questions asked showed the keen interest taken in the subject.

At a meeting of the board of trustees of the Massachusetts Horticultural Society February 9 Walter C. Bayliss was elected a member of the board in place of the late George F. Fabyan. A committee was appointed to arrange for the decorating of the walls and ceiling of the lecture hall and to improve its acoustic properties.

Florists and market gardeners operating steam boilers are up in arms against proposed steam boiler legislation, which if enacted will make it compulsory for all such to employ only licensed firemen. At the next meeting of the Gardeners' and Florists' Club, February 19, all those operating steam boilers are asked to meet the executive committee at Horticultural hall at 6 o'clock to decide upon what action the club will take in the matter. Every commercial grower, whether belonging to the club or not, is invited to be present.

At the coming club meeting, in addition to Mr. Ross's lecture, there will be some interesting exhibits, the steam boiler question will be thoroughly aired and everything points to a rousing attendance.

E. Sutermeister, of Readville, is bringing in large quantities of Golden Spur and Von Sion narcissi and other bulbous stock of his usual high standard of quality at present.

A delegation from the Gardeners' and Florists' Club will attend the annual banquet of the North Shore Horticultural Society February 15. W. N. CRAIG.

LONDON, ONT.—A. John Mill has gone out of business.

FENTON, MICH.—George Bridson is spending about $2,000 in improving and enlarging his greenhouses.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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AN importer at Philadelphia, Alex. Murphy & Co., protested at the duty assessed on cycas stems, claiming they were to be admitted free as palm leaves in their natural state, but the Board of General Appraisers reaffirmed the old classification as nursery stock and the usual rate of duty.

BEFORE ordering stock for import, consult the REVIEW's page for European advertisers.

THE imports of window glass for the week ending February 2 were 3,252 boxes of 100 feet, valued at $21,104.

THE National Council of Horticulture, to make its press service attractive to editors, does not send the same articles for publication to competing papers.

AT Boston a city ordinance is proposed which will make greenhouse owners liable to arrest and fine if they employ any other than licensed firemen.

HERETOFORE young stock of carnations has all gone in one direction, from America to Europe, but now there will be reciprocal relations; all the growers here will want to try Britannia, the scarlet that eclipsed Victory and Robert Craig at London.

THE east had heavy snow and cold weather the first of this week, but all the rest of the country has much improved growing conditions, including bright skies. In the Mississippi valley it was springlike February 13, while it was 10 degrees below zero at Boston.

GLADIOLUS AMERICA.

Referring to Mr. Childs' article, page 862, of the REVIEW for February 7, I beg to state that the facts of the case were discussed between us in correspondence before I prepared my address to the American Breeders' Association last month, and as Mr. Childs was unable to meet my statement of facts, he discontinued the correspondence.

Although he could not meet my proof at that time, he evidently did not believe me, for he now says that he withdrew owing to my absurd contentions at that time. He now repeats his views in the REVIEW, and its readers will be able to distinguish where the absurdity lies.

As the corms of America (as such) were first offered last season, that was my first opportunity to see the bloom, as I never leave home at that season of the year. I recognized it as my No. 119, which I had grown and sold in collections for years, and which, according to my practice, for purposes of observation, I grow a few corms under number. Purchasers of my collections also wrote voluntarily that they, too, had first received it in my stock.

My reasons for not introducing America under name have been public property for years, and it is well known that I have never sold any of my hybrids in this way alone. I am an originator, not a grower, and my practice has always been to select, if at all, in collections of a certain standard, and that containing America contains hundreds of others equally desirable. Hence the popularity of my introductions. I also sold some of the original seedlings as such.

As Mr. Childs has indicated the limit of his knowledge of the extent and character of my work, I beg to confirm his statement, as I also wrote him that it is exceedingly small.

In reply to his statement that America is largely of Childsi blood, I challenge him to prove this by a single characteristic, assuming that he refers to the reputed parentage of Gandavensis x Saundersii, which should bear the name of Prof. Max Leitchlin, and not the aggregation of purchase now masquerading under the present title as a distinct strain.

The statement as to my remarks on the maturing habit of the cormels is sufficient to stultify the writer of the whole article, as I never said anything of the kind, but this is on a par with his ignoring other facts submitted by me in direct correspondence.

Immediately after digging the corms and applying the last possible test of comparison, I advised Mr. Childs of the result; therefore there was no delay in advancing my claims, as he has stated, but these are facts that he considers absurd. To some truth is always absurd, but the intelligent public can distinguish wheat from tares.

H. H. GROFF.

THE DEATH ROLL.

Albert Heinl.

Albert Heinl, secretary of the Webb Banking Co., Peoria, Ill., died January 28, after an attack of the grip followed by congestion of the brain. He was the son of Joseph Heinl, of the firm of Heinl & Sons, Jacksonville, Ill., but Albert did not engage in business with his father and brothers. He followed the jewelry business for a number of years, but about two years ago entered the employ of the Webb Banking Co. Being a member of the Knights Templars and the Mystic Shriners, the burial was conducted by the Masonic fraternity.

ILLINOIS ASSOCIATION.

The second annual meeting of the Illinois State Florists' Association will be held at Bloomington, Ill., February 19 and 20. The following is the program:

February 19—Afternoon Session.
Report of the Secretary.
President's address.
Business of the association.
Evening Session.
Banquet given by the Bloomington Florists' Club.

February 20—Morning Session.
A paper, "The Florists and the Experiment Station," by A. C. Beal, Instructor in Floriculture, University of Illinois.
A paper, "Carnations at the Toronto Show," by W. N. Rudd, President Mt. Greenwood Cemetery Association.
A paper, "Effect of Light and Shade on Plants," by H. Hasselbring, University of Chicago.
A paper, "The Development of Floriculture in Illinois," by J. C. Blair, Professor of Horticulture, University of Illinois.
Election of officers.

The meeting promises to be a grand success, and it will be worth the while of every florist in the state to attend. Besides the regular speakers, it is expected men of prominence in the profession outside of the state will attend and help to make the discussions lively. The officers are: President, J. F. Ammann, Edwardsville, Ill.; secretary, H. Hasselbring, Chicago, Ill.; treasurer, Geo. A. Kuhl, Pekin, Ill.

The following are the hotels of Bloomington with their rates, American plan:

Illinois hotel, rates	$2.50 to $3.00	per day
Hills house, rates	2.00 to 2.50	per day
Folsome hotel, rates	1.25	per day
Clifton house, rates	1.00 to 1.25	per day
Arnold hotel, rates	1.25	per day

The Illinois hotel will be headquarters. Any one wishing rooms engaged will be provided for if he writes to F. L. Washburn, Bloomington, Ill. There is every prospect of a large attendance and an excellent exhibition, the best ever seen in the state outside of Chicago. The committee invites every florist to come and bring his competitor.

Send Your Order to Amling for

SWEET PEAS

White and Pink. Other colors to follow soon. For years this house has been headquarters on Sweet Peas—and we are starting right in NOW for the season of 1907. Finest quality, large supply. Send your orders.

CARNATIONS

We believe no other house in the West has so large a supply of carnations—certainly no other house has so large a supply when only first-class stock is considered.

Violets

Double and Single. Fine quality and lots of them.

Bulb Stock

Plenty of white and yellow Tulips; also Jonquils and Daffodils. Increasing supplies of Keizerskroon and Proserpine. Paper Whites abundant.

FANCY VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

AMERICAN BEAUTIES		Per doz.
Stems, 30 to 36 inches	$5.00 to	$6.00
Stems, 20 to 24 inches	3.00 to	4.00
Stems, 12 to 16 inches	1.50 to	2.00
Seconds	.75 to	1.00
Bridesmaid per 100,	6.00 to	15.00
Bride "	6.00 to	15 00
Chatenay "	6 00 to	12.00
Golden Gate "	6.00 to	12.00
Richmond and Liberty "	6.00 to	15.00
Carnations, select "	2.00 to	3.00
" large and fancy "	4.00 to	5.00
Miscellaneous Stock		
Violets, N. Y. double "	.75 to	1.00
" single "	.75 to	1.00
Valley, select "	2.00 to	4.00
Callas per doz.	1.50 to	2.50
Harrisii "	2.00 to	2.50
Mignonette "	.50 to	.75
Sweet Peas per 100,	.75 to	1.50
Romans "		3.00
Paper Whites "	3.00 to	4.00
Jonquils, Daffodils "	3.00 to	4.00
Tulips, all colors "	4.00 to	5.00
Green Goods		
Asparagus Plumosus, per string,	.35 to	.50
" " per bunch,	.35 to	.75
" Sprengeri per 100,	2.00 to	5.00
Adiantum "		1.00

Smilax....per 100, $15.00; per doz. 2.00
Ferns.....per 1000, $2.50; per 100, .25
Leucothoe Sprays, per 1000, $6.50; per 100, 75c
Galax, green and bronze, per 1000, $1.00.
" " " " per case, 10,000, $9.00
Boxwood.....35c per bunch; $7.50 per case

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic **Chicago, Ill.**

Mention The Review when you write.

CHICAGO.

The Great Central Market.

The out-of-town demand has increased materially since last report. Detroit is an especially good buyer. It appears that everywhere through the wide territory served from the Chicago market there is a pronounced shortage of stock. This is especially true of roses. Carnations are in less demand, and of bulbous stock there seems to be plenty in every country town. The probability is that the demand for carnations will increase as prices recede. Local trade also is good and practically every wholesaler subscribes to the report of one of the best week's business so far this season.

Several days of bright, cold weather have had a decidedly beneficial effect on the quality of stock. There can be no complaint at the quality of roses, but on the score of quantity nothing new can yet be said. A number of growers report fine crops not far away and the receipts throughout the market show some increase. Prices hold their own and it will require much more stock than we have had at any time since Christmas to put quotations back to the normal level for this season. There has not been a day in two months when all rose orders were filled.

Receipts of carnations are much heavier than they were a week ago. Some houses report crops to be double what they were a week ago. There was a steady weakening following the turn of last week and it is predicted that the latter part of this week will see prices lower than they have been at any time since Christmas. In fact, there are now more pink than can be moved at quoted rates and clean-up sales are in order. The quality generally is excellent, although with some growers Lawson is poor and with many stems are not so strong as usual. There is some complaint as to shipping quality, but this will pass with a few more days of crisp weather.

There are large receipts of violets for St. Valentine's day, but a large part are already sold on advance orders, which were more numerous than has ever been known before. The result is that the price holds fairly steady. There are some splendid singles in addition to the doubles from New York.

Within a week receipts of bulbous stock have increased materially. Daffodils rather hang fire and it is always possible to pick up considerable quantities of tulips, many of them of fine quality. There are plenty of callas but not many Easter lilies.

Green goods are in better supply than a week ago.

Gas Ruins Stock.

John Lang, at Melrose and Robey streets, has met with a severe loss which he attributes to a leak in the gas main in the street. He has a range of seven houses, four in carnations and three in bedding stock and miscellaneous plants. A week ago the carnation plants in the house nearest the street began to turn yellow and give every indication of the presence of gas, although there was no odor. One by one the other houses were affected, in spite of the fullest possible ventilation. Neighboring growers agreed with Mr. Lang that gas from the street, seeping in through the floors of the greenhouses because it could not escape through the frozen ground outside, was at the root of the trouble. As the loss seems likely to reach several thousands of dollars, Mr. Lang proposes to sue the gas company.

Will Drop Carnations.

George Reinberg has found so good a market for roses and has figured that space devoted to them pays so much better than space devoted to carnations, that he has concluded to confine his operations to roses next year. He is propagating some carnations for summer bloom and some for the rooted cutting trade, but unless he changes his mind will plant none in the houses next fall. This will give six additional large houses for American Beauty and three houses for teas. All the old houses on his place are to be taken down this spring and replaced with modern structures.

Honorable Mention.

It develops that a few weeks ago John G. Kruchten, of Kruchten & Johnson, became the father of a vigorous baby boy. He is none the less entitled to honorable mention because he saw fit to suppress news of the event.

Wild Lawsons.

A good many local growers are complaining of what they call "wild Lawsons" in their benches. These are plants of rank growth, said sometimes to reach a height of three feet or more, and so strong they rob the adjacent plants—but they never produce a flower.

CARNATIONS

in large supply, $15.00 to $30.00 per 1000. We have the largest stock of fancy carnations in the market.

WHITE LILAC, $1.50 per bunch; seven bunches for $10.00. The best and cheapest white stock on the market today.
VIOLETS, plenty of them, 75c per 100.
VALLEY, extra select stock, $3.00 and $4.00 per 100.
TULIPS, fancy, $4.00 per 100.
DAFFODILS, double and single, $4.00 per 100.

Fancy Baskets and Easter Novelties

The largest, finest and most up-to-date selection to be found anywhere. Florists who ordered our $5.00, $10.00, $15.00 and $25.00 assortments of baskets for Christmas are doubling their orders for Easter. Send in YOUR order today for one of these assortments and we will deliver them any time you specify. **Also assortments of Bohemian Glassware.**

A. L. RANDALL CO.

Watch for our special circular on Ribbons, Cycas Leaves, Wheat sheaves, etc., which we will mail you this week. If you do not rececive it, drop us a card. Have you our Catalogue?

19-21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

The rooting out of these "wild" plants is said to account for the vacant spaces on many a bench. Some growers took fine cuttings from these robust plants before they appreciated their true character, thereby multiplying their troubles.

Added Side Lines.

Leonard Kill states that, pursuant to Peter Reinberg's new policy, he has just placed an order with Wm. Hagemann, New York, for 75,000 valley pips. They expect to grow asparagus and a number of other items next season. Mr. Kill says rose crops will be on heavily in a few days.

Various Notes.

J. A. Valentine, of Denver, was a visitor this week. Since the carnation convention at Toronto he has visited the principal eastern cities, particularly to investigate the Easter plant business. He says trade everywhere is on the increase and everyone prospering as never before.

In showing some long sweet peas to Miss McAdams, who is one of the most demure young ladies who visits the market, E. C. Amling offered them with the remark, "All you have to do is to tie on some ribbon and you are ready for the ceremony." "Indeed," said she, "it's the last thing I'd think of; in a wholesale house! Never!"

Percy Jones says that Sol Garland's cut of carnations has been running steadily a little above last year from the same amount of glass. Mr. Garland is to be congratulated, for last year's crop was good, and hardly another grower can say he has cut as many flowers this year as last. Mr. Garland visited the automobile show last week and bought a machine, promised for May delivery.

N. J. Wietor says that if Wietor Bros. make more money on the space given to any carnation than on Enchantress it is on White Cloud. Mr. Wietor says that while crops have been below normal for more than three months, the better prices realized have caused their gross sales to slightly exceed those of the same period last year.

The Florists' Club's carnation show takes place tonight, Thursday, February 14. There promises to be a good display of flowers. The discussion will interest the growers. P. J. Hauswirth will report on his eastern trip and several brief comments on the Toronto show will be forthcoming.

The meeting of the Illinois State Florists' Association at Bloomington, February 19 and 20, will attract quite a number from Chicago.

Former Retail Florist John C. Schubert, now city smoke inspector, is not finding his present pathway strewn with roses. The City Club has haled him before the Civil Service Commission on charges of incompetency and neglect of duty and he stands in imminent danger of permanent separation from a 2,000-dollar job.

Phil Schupp, manager of J. A. Budlong's city store, says they are more than pleased with the season to date. Their rose cut has been steady and prices excellent.

The annex to the Coliseum, where the cut blooms were staged at the last flower show, was destroyed by fire on the night of February 11. There was a hardware trade's exhibition at the time.

Joseph Ziska, of the Chicago Rose Co., who has been making wire work for upwards of thirty years, reports business as good as he has ever known. He is working his force twelve hours a day and Sundays. Recently competition in the wire making business has caused all manufacturers to pay time and a half for overtime.

Peter Reinberg was one of the reception committee to greet Carter Harrison on his return from California. He is devoting all his energies to securing Mr. Harrison's nomination for the mayoralty.

Robert Hand is again able to be about the greenhouses of Poehlmann Bros. Co., although he still uses crutches as a result of his being struck by a train some months ago.

W. L. Rock, Kansas City, sent to Kennicott Bros. Co. Monday for 1,000 of Klehm's Novelty tulip.

Washington's birthday, February 22, is a legal holiday and there will be but one delivery of mail. Orders should be telegraphed.

It is reported that because of irregularities in invoices some of the Dutch bulbs received at the Chicago custom house in August were only released from the appraiser's stores last week.

Ernst Weber, who has been growing carnations for a couple of years, will go back to roses next season.

Poehlmann Bros. Co. reports receiving $10 per dozen for its best Beauties in the last week. John Poehlmann says the buyers do not especially object to the price, although much above what it usu-

We are handling the choicest line of . . . . .

Carnations

in the Chicago Market. Exclusive supplies of Rudd's "Blue Ribbon" red and pink seedlings for fancy trade.

—HEADQUARTERS FOR—

Wild Smilax, Boxwood, Ferns, Galax, Etc.

The Largest Stock of

Up-to-Date Florists' Supplies

and Manufacturers of "Up-to-date" Wire Designs in the West.

—CATALOGUE FREE—

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$6.00 to $15.00
Richmond and Liberty	6.00 to 15.00
Golden Gate and Uncle John	6.00 to 12.00
Chatenay	6.00 to 15.00
Killarney	8.00 to 15.00
Roses, our selection	6.00
CARNATIONS	2.00 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
" single	.75
Harrisii Lilies, doz., $2.50 to $3.00	
Callas " 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00 to 4.00
Jonquils, Daffodils	4.00 to 5.00
Sweet Peas	1.00 to 1.50
Tulips	3.00 to 5.00
GREENS	
Smilax Strings per doz.,	2.00
Asparagus Strings each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum per 100	1.00
Ferns, common per 1000	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



I have many Novelties in Ribbons and Chiffons for Easter

Headquarters

I receive regular daily shipments of best quality **HUDSON RIVER VIOLETS.**
Prime shipping stock. **GIVE ME YOUR ORDERS.**

CURRENT PRICE LIST

ORCHIDS, a specialty.	Per doz.
Dendrobiums	$3.00 to $6.00
Cattleyas	6.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	6.00
24 to 36-inch stems	4.00 to 5.00
15 to 20-inch stems	2.00 to 3.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory, Gate	6.00 to 15.00
Liberty, Richmond	6.00 to 15.00
Chatenay, Sunrise, Perle	6.00 to 15.00
Roses, my selection	8.00
Carnations, large fancy	3.00 to 4.00
" good stock	1.50 to 2.00
Violets, double or single	.75
Harrisii or Callas, per doz.	2.50 to 3.00
Valley	3.00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Tulips, Jonquils	3.00 to 5.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax per doz.,	1.50 to 2.00
Asparagus Strings each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum per 100,	1.00
Ferns per 1000,	2.00 to 2.50
Galax "	1.00
Boxwood Sprays, per bunch	.35
" " per 50-lb. case,	$7.50
Wild Smilax, large size, per case	$5.00

Subject to change without notice.

Mention The Review when you write.

ally is at this season, for he says they appear to appreciate that growers are burning $4 worth of coal for every $1 worth of Beauties they have been cutting lately.

C. W. McKellar has had exceptionally bad luck in the matter of having orchid shipments frozen. Two more boxes were received frozen last Friday, making four, of an aggregate value of nearly $300, lost within a week. He turned the goods back to the express company and was both pleased and surprised that settlement was made within three days.

The A. L. Randall Co. reports that again this week they ran out of white lilac. The demand is the heaviest they ever have known.

There was a large display of flowers at the funeral of Capt. Gammar, of the New York Central lines, last week. Nearly everyone had a share of the work, but Fleischman, in the Railway Exchange building, was especially favored.

Bassett & Washburn expect to plant next season about 25,000 plants of their new red carnation, No. 20. They now have 15,000 cuttings of it in the sand.

E. Fransen, who looks after the selling end for Scheiden & Schoos, reports an excellent call for white carnations, but pink going a little slow in the last week.

Henry Klehm, of Klehm's Nurseries, Arlington Heights, Ill., has formed a partnership with Mrs. Frank Hurst, at Moline, and will open a flower and candy store there.

Adam Zender says he has a claim of about $350 for young stock supplied to M. Winandy the season before the failure. He neglected to prove up his claim in the bankruptcy court and was blaming himself for it until he saw in last week's REVIEW what the estate will realize.

H. F. Halle reports a rush of funeral orders.

Charles Fisk is not making any complaint of a lack of business.

Andrew Ivorick, one of E. H. Hunt's wire workers, died Sunday. In extending sympathy to the family the firm also should be included.

Sinner Bros. have joined with Vaughan & Sperry in the construction of adjoining private offices at the Flower Market. Frederick Sperry says he is more than pleased with the market for violets the last few weeks. In addition to large quantities of Hudson river stock they now are handling many singles.

George Darby, a well-known character in the market, made his reappearance Monday after spending six weeks in the County hospital. He was run over by a street car at the corner of Wabash and Randolph streets Christmas eve.

Weiland & Risch have gained additional space for their packing room, and a new entrance, through the changes in the basement of the Atlas block.

P. J. Hauswirth had the banquet which marked the merger of the Merchants' Club and the Commercial Club at the Auditorium last Saturday night. A large semi-circular table and several small round tables were decorated with Robert Craig carnations, which made a telling effect.

John Mangel reports business good and is turning out some handsome work. He is handling first-class stock and getting good prices for it.

The retail stores are full of well flowered azaleas.

The latter part of last week Martin Reukauf, of Bayersdorfer & Co., Phila-

VIOLETS and VALLEY

Fine Singles or Doubles, 75c Per 100.

Fancy stock always on hand, $3.00 to $4.00 per 100.

Carnations

Good Stock, $1.50 to $3.00 per 100.
Fancy, $4.00 to $5.00 per 100.

Roses

Fine quality but still scarce.
$6.00 to $15.00 per 100.

BULB STOCK

Large supplies of Tulips, all colors; also Jonquils, Daffodils, Paper Whites, Romans, Callas and Lilies.
Tulips, $3.00 to $4.00; Fancy, $5.00 per 100.

VAUGHAN & SPERRY, 58-60 Wabash Ave., CHICAGO

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delphia, was reinforced by the arrival of Paul Berkowitz.

The creditors of M. Winandy, up to the hour of going to press, had filed no protest against the sale of all the assets and equities to Arthur B. Dietsch for $4,500, as reported exclusively in last week's Review. No protest being filed at the close of court February 13, the sale will stand approved.

PITTSBURG.

The Market.

Pittsburg and vicinity passed through a blizzard last week. The coldest spots reported were Charleroi, 6 degrees below; Steubenville, 8 degrees below, and Cheswick, 20 degrees below; but the sun has managed to show itself occasionally. Stock is coming in a little more plentifully, but the prices are still high, especially on roses.

Trade has been good, the wholesalers managing to clean up every day. The retailers are still complaining about high prices hurting their business and fear that it will have the effect of scaring their customers off and that it will take some time to get them in the habit of buying after stock gets down to more reasonable prices.

Club Meeting.

The Florists' Club met Tuesday evening, February 5, and elected officers for the ensuing year. The secretary reports a membership of 159. During the year there were seven resignations and one death; eight were dropped for nonpayment of dues. However, during the year seventeen new members were added. The treasury showed a balance of $163.71 and all bills paid.

Carnations, the subject of the evening, was taken up. The Pittsburg Rose & Carnation Co. exhibited Flamingo; Fred Burki, Enchantress, Lawson, Haines, Lieut. Peary, Rose-pink Enchantress, White Perfection, White Lawson, Lady Bountiful, a pink seedling and a red seedling, all of which were good. John Wyland exhibited Lady Bountiful, Enchantress, Lawson and Rose-pink Enchantress. E. C. Ludwig showed a vase of carnations shipped from Michigan. Albert Lorch had a handsome vase of long-stemmed Lawson. The Pittsburg Florists' Exchange had several good exhibits, among them one which is Enchantress as far as appearance goes, except that it is said to be a better keeper. Mr. Jenkins showed a bunch of carnations grown right in the heart of the city which have not seen the sun for three months. F. R. Pierson, Tarrytown, N. Y., sent Winsor and White Enchantress, both good, but Winsor was the favorite of the evening and the opinion of Fred Burki was that it is a good thing and just the variety and color which has been sought and badly needed.

After all had satisfied themselves discussing the various exhibits, Mr. Burki and Mr. Wyland, who had attended the Toronto convention, were called on for reports on the convention. Among other things they suggested that the club representatives be given power at the next convention to ask the Carnation Society to come to Pittsburg. This was taken up, considered at some length, and the result was a motion to take at once such steps as would result in bringing the Carnation Society to Pittsburg, if not in 1909, at least not later than 1910. This city has now many growers and a good membership in the Carnation Society, and besides being centrally located, has much to show the visiting members and could undoubtedly do as much as any city in the country to make the convention a success. At Washington next year you will hear from Pittsburg.

The Baur Floral Co., of Erie, Pa., sent samples of carnation clips; also the M. & D. artificial calyx was shown and examined by all the growers and their merits discussed. After a motion of a vote of thanks to the exhibitors, the meeting adjourned.

John E. Haines, of Bethlehem, Pa., sent an exhibit of Imperial and Pink Imperial which were fine. They came one day late for the show, but after being thawed out were exhibited by the Pittsburg Cut Flower Co., for the balance of the week.

An argument as to the best time and method of planting carnations, by Fred Burki and John Wyland, was one of the features of the club meeting. This came about in discussing varieties and unconsciously they gave the best talk ever

And Now For Easter.

Your trade will be in full swing in less than a month. Easter is early this year, (March 31.)

Get your stock of ribbons into shape before the choice Easter colors and novelties are sold out. The great big bow of wide ribbon on a plant makes it effective and individual. **PINE TREE RIBBONS** are individual. The wonderful lustre, together with the firmness and silkiness of Pine Tree Ribbons make them of unusual worth to you. And yet—they cost you less than the usual ribbons—the commission house and jobber are cut out—You buy direct from the mill and

SAVE ALL BETWEEN PROFITS.

The Pine Tree Silk Mills Company

Philadelphia

Office and salesrooms, 806-808-810 Arch St., 52-54 N. Eighth St.

Write for sample clippings. New qualities and colors. They cost you nothing. A postal will bring them.

SEEDS

BULBS—PLANTS

FERTILIZERS

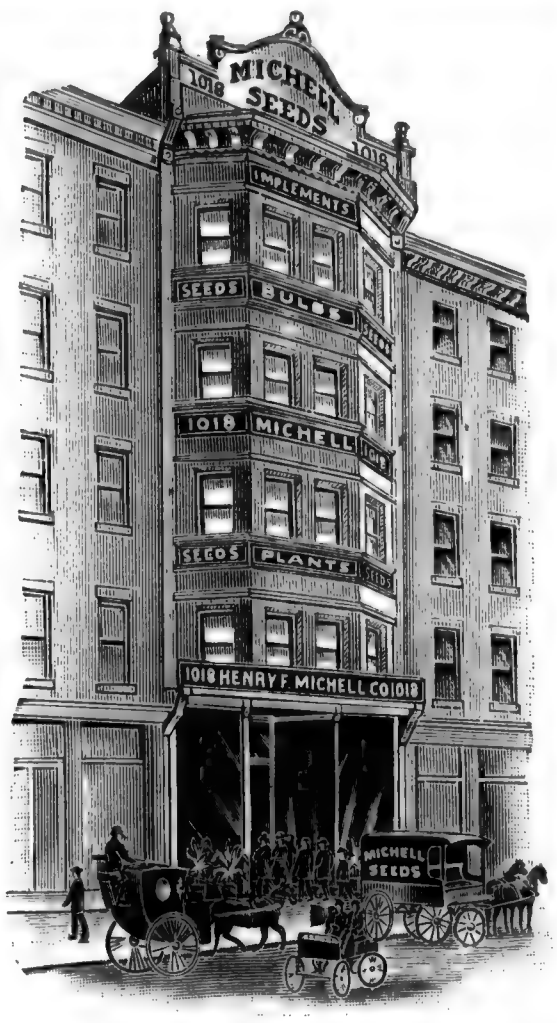
GARDEN TOOLS

INSECT DESTROYERS

POULTRY SUPPLIES



Exterior view of Philadelphia's Progressive Seed House.



THIS illustration will give you an exterior view of our business house, (180 feet deep, occupying the whole building.) If you want to get acquainted, and see how we have gained the confidence and good will of a large portion of the Florists in the United States, send us a trial order and you will realize the way we treat our customers.

DO YOU KNOW it will pay every florist to have a copy of our Wholesale and General Catalogue.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

heard in the club on this subject, and the growers showed they were missing none of the points.

Various Notes.

E. J. Weaver, of Lancaster, Pa., was one of the visitors last week. He is a large shipper of mignonette and sweet peas to this market.

J. B. Murdoch & Co. say the demand for Beauties is exceptionally heavy.

Hoo-Hoo.

BALTIMORE.

The Market.

We had heavy snow last week but business has been steady. Prices keep high, with stock scarce. The retail demand has been fair, considering the bad weather conditions. The Baltimore Florists' Exchange has many advance orders and little is left for the one who has no order in. Everything is sold.

Roses are steadier and carnations more regular, some bringing up to $8 per hundred, according to quality. Freesia is selling at $1 per hundred. Tulips are bringing good prices. Callas are still scarce. Paper Whites and Romans are doing better, but are not so plentiful. Sweet peas are short in supply. Greens of all kinds seem to be enough to meet demand.

Baltimore's great fire, February 7, 1904, has made history in every business. The florists are all prosperous, but not one florist was caught in the conflagration. C. E. Smith & Co. and E. A. Seidewitz were the only ones in the immediate neighborhood, and they were fortunate in escaping. Since then Mr. Seidewitz has opened an up-to-date store on North Charles street, in the same block with Halliday, Feast and J. Cook. C. E. Smith & Co. have made extensive alterations in their place. The improvements since the great fire are too numerous for me to mention. Nearly every florist has done his share.

Club Meeting.

The regular meeting of the Gardeners' and Florists' Club was held February 11, President Lehr in the chair. There was a good attendance. The ladies' night, which was to have occurred on this date, will take place February 25. C. H. Wagner was elected a member. The likeness of the founder of the club, the late Robert Halliday, now hangs over the president's chair. Otto Fielder was proposed for membership.

Professor Symons, of the Maryland Agricultural College, gave an interesting talk on the coming Jamestown exhibition and encouraged the members to exhibit their products. At the first meeting in March Professor Symons will again be with the club and urge its members to coöperate with him. An exhibition of plants and cut flowers will be shown.

Various Notes.

While trimming a tree a short time ago, L. P. Eyer was thrown to the ground. He sustained a sprained ankle, but is able to be about again.

H. Tilton, 519 N. Chester street, reports business good, with a run on funeral work.

M. J. Hannigan, florist for General James A. Gary, Catonsville, has the grip, but will be able to attend to his greenhouse duties in a few days.

J. Owens, of J. G. Owens & Co., Catonsville, underwent an operation at University hospital for tumor in the back. It is expected he will be about in a few days.

Mrs. Annie Bangert, the gardener's wife who put poison in the spring of E. Stanley Gary on his country place, was sentenced to two years in the house of correction.

August Eberhart, W. Baltimore street, is sending some fine tulips to the market.

It is expected a large number of the Gardeners' Club members will attend the American Rose Society meeting in Washington.

J. Bolgiano & Sons will exhibit at the Jamestown exposition. Herbert Cameron will be in charge. J. L. T.

PHILADELPHIA.

The Rising Eastern Market.

The bright sunshine has had its effect on the supply of cut flowers, which is better at the close of the season than at any time since New Year's. The demand is excellent, but with the marked increase in supply there is a slight tendency toward lower prices, especially on carnations. The bulbous flowers are plentiful and extremely fine. An important addition to the list is the double orange tulip, Coronne d'Or, which can now be had in quantity. Roses are ever so much better than a fortnight ago; some really choice stock is coming in, noticeably in the teas. Forget-me-not has made its appearance in sufficient quantity

Our FEBRUARY SPECIALTIES--

ACACIA PUBESCENS SINGLE DAFFODILS
WHITE LILACS FANCY MIGNONETTE
TULIPS PANSIES FREESIAS

The Leo Niessen Co.

Note our new number. WHOLESALE FLORISTS

1209 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

Mention The Review when you write.

to lead to the belief that it will be an important factor in Thursday's business. Orchids are less plentiful. Valley is good and in excellent demand. A novelty is Edward A. Stroud's schizanthus, a pretty white flower with good stems, shown by the S. S. Pennock-Meehan Co. This firm also has exceptionally fine sweet peas, which are now selling well. Violets are in demand. While Lent has begun, St. Valentine's coming the day after Ash Wednesday gives an impetus to business, which makes it improbable that prices will change materially at present.

Broken by Snow.

A. Farenwald, of Hillside, lost two large houses of Richmond last week which were crushed in by the weight of the snow. The work of rebuilding was at once commenced.

Henry Whelen, of Newton, had two houses seriously damaged last week. They fell in during the snow storm.

A. Harvey & Sons, of Brandywine Summit, had the end of one carnation house badly damaged by the snow storm last week.

The Hugh Graham Co., Logan, Pa., had one house, filled with azaleas, badly broken in last week's storm.

Evolution.

The immense increase in the quantity of Easter lilies forced during midwinter is one of the most striking features of the advance of knowledge and skill among our growers. A few years ago these lilies nearly all came from out of town. The price was then 20 cents to 25 cents a flower. Now they are produced here in increasing quantities, one firm, T. N. Yates & Co., supplying 1,000 flowers in pots for a single decoration. In speaking about lilies, Walter N. Yates, of this firm, said he believed Lilium Harrisii was the only type that could be grown for early forcing and that the price obtained must be sufficient to cover the loss on diseased bulbs that are still an important item of expense.

The Second Assembly.

The second assembly, always held on the Friday before Lent, marks the close of the ball season among the F. F. P. Through the courtesy of John P. Habermehl I am able to give the Review readers ideas regarding the decorations.

THE Florists' Supply House of America

Easter Novelties

IN GREAT PROFUSION

OUR CHOICE POT COVERS All sizes and styles. When ordering, give the size of the standard pot you wish to cover. For example, should you order for 6-inch pot, we will send a 7¼-inch cover, charging, however, for a 6-inch size.

FANCY BASKETS of every description, for short or long stemmed flowers, for plants, for Easter eggs or for fruit.

FANCY CREPE PAPERS New and choice. Two colors blended, soft and water-proof.

FANCY GRECIAN TONEWARE

GRASS HEADS, all sorts.

Our catalogue is free.

H. BAYERSDORFER & CO.

1129 Arch St., PHILADELPHIA, PA.

Mention The Review when you write.

The ballroom of the Bellevue-Stratford is so beautiful that it requires little aid from the decorator in the way of covering corners or changing proportions. All efforts are turned to heightening the effect as it is. The stage is banked, the receiving room embellished, an occasional specimen placed, and that is all. The strong points in the decoration, which was in perfect taste, were the quality of the plants used, the suitability or proper selection of sizes and the simplicity of color, green predominating, flowers chiefly pink and white. The novel features of the decorations were the dwarf Japanese apple and cherry trees in bloom. A few wistarias were also seen. The color idea was carried out on the supper tables, fancy Bridesmaid roses and white lilac predominating. A hundred or more little tables, each containing a single tall vase filled with one flower of fine quality, made a garden effect of great beauty. I understood the decoration was arranged by Edward Habermehl, whose work has been greatly admired this winter.

A Letter From Mars.

A member of the American Rose Society writes me as follows: "Anything that you may do to advance the interest in the forthcoming meeting in Washington will be appreciated by all the members. The meeting promises to be the best that has ever been held, a number of prizes stimulating the interest of the growers, and we want all our good friends to help make the exhibition the most noteworthy of recent years." Here came the signature of the M. A. R. S., a name widely known, foremost in the

Acacia Pubescens, $2.50 and $5.00 a bunch. **WHITE VIOLETS, per 100, $1.50**

WHITE LILAC, the finest in the country, $2.00 per bunch

CUT BOXWOOD, 15c per lb. in cases, (50 and 100 lbs.)

We Have an Exceptionally Fine Stock of..... **Well Rooted Carnation Cuttings** From the Best Growers, As Follows:

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Craig	$5.00	$45.00	Enchantress	$2.50	$20.00	Queen	$2.00	$15.00
Victory	6.00	50.00	White Lawson	2.50	20.00	Cardinal	3.00	25.00
Haines	5.00	45.00	Harry Fenn	2.50	20.00	Flamingo	3.00	25.00
Peary	3.50	30.00	Lawson	2.00	15.00	Var. Imperial	10.00	100.00
Bountiful	3.00	25.00	Red Sport	3.50	24.00	Pink Imperial	10.00	100.00
Goddard	6.00	50.00	Patten	2.50	24.00			

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

Nephrolepis Whitmani

6-in. pots, $12.00 per doz.

Nephrolepis Scottii

6-in. pots, $6.00 per doz.

Pandanus Veitchii

6-in. pots, $12.00 per doz.

Pandanus Veitchii

8-in. pots, $2.00 each.

JOHN WELSH YOUNG

Germantown, Philadelphia, Pa.

Mention The Review when you write.

ranks of the rosarians. It is a letter to make a man do his best, the compliment in writing to me being especially gratifying. Possibly the choice is due to Mars' belief that I am a successful beggar. Well, I have begged successfully once or twice, so spurred by the confidence of Mars I will do my best.

I appeal to the rose growers of Philadelphia to exhibit their flowers or plants at Washington March 13.

I appeal to John Burton, to Alfred Burton and to George Burton to uphold the honor of a name famous in floriculture.

I appeal to Joseph Heacock, of Wyncote, to add another spray of laurel to the wreaths gathered all the way from the eastern seaboard to Kansas City.

I appeal to J. Henry Bartram to break a lance for the honor of the Quaker city.

I appeal to Frank P. Myers and to Martin Samtman to put one more victory to the credit of the "amateur" rose growers.

I appeal to the mighty Farenwald to turn his conquering arms from north to south.

I appeal to Alexander B. Scott to at least let us know and love his Irish friends and Ramblers.

I appeal to Casper Pennock and George L. Pennock to flesh their maiden swords in this great tourney.

I appeal to John C. Andre to let the Capital city see what we once saw.

I appeal to Edward Towill, of Roslyn, not to let prosperity relax his sinews.

I appeal to I. Stephenson, of Oak Lane, to enter the coming tourney.

I appeal to George Anderson, to James Verner, to William Munro, to David Anderson, to W. E. Fowler, to C. F. Knorr, to C. W. Jennings, to John Savage, to Joseph Blois, to A. J. Pennock, to G. E. Campbell, to G. F. Christie and to George Waterfield to let the world know their skill.

I appeal to Stephen Mortenson, of Southampton, to show what the combination twixt the soil and Samuelson can really do.

I appeal to D. Fuerstenberg and to Henry C. Geiger to introduce the President to their fair Queen and many more.

I appeal to William A. Leonard, of Lansdowne, to show us cup winning grafts, and sports and crosses, too.

I appeal to Eugene Weiss to prevail on Samuel Lilly to catch the Congressional express with just one box of specials.

I appeal to William Kleinheinz, of Lynwood hall, to show those grand hybrid roses.

I appeal to Robert Craig and to Robert A. Craig to favor Washington with Annie Muller and Lady Gay.

I appeal to William K. Harris and to Mark B. Mills to give the senators a glimpse of their Baby Ramblers.

I appeal to Jacob Becker to strive with might and main to outdo famed Wood's Hole.

I appeal to every Philadelphia rose grower not here named to advance the interests of our profession by going to Washington and exhibiting there.

Various Notes.

The Leo Niessen Co. opened business in its commodious new quarters at 1209 Arch street last Monday morning. The telephones were all installed in time and working nicely. They now have four Keystones. Despite the difficulties of getting into a new building, business was evidently very brisk.

The fire noted last week at the store of Dumont & Co. proved to be slight. The deal with Berger Bros. has been consummated. Berger Bros. will, therefore, open at 1305 Filbert street on March 1. They are now carrying on the business of both concerns at 1237 Filbert street.

Edward Reid is receiving some very choice Enchantress. David Anderson is sending him excellent Maids and Brides.

Prof. Stewardon Brown gave his illustrated lecture on wild flowers before the

We will have a fine cut of Single and Double **Violets Every Day**

La Reine Tulips ARE FINE

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality. :: ::

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 5.00
Valley	"	3.00 to 5.00
Violets	"	.75 to 1.50
Peas	"	1.00 to 1.50
Romans	"	2.00 to 3.00
Single Daffodils	"	3.00 to 4.00
Tulips	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 2.00 "	.25

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

Mention The Review when you write.

Germantown Horticultural Society last Monday evening. It was well attended and very interesting.

The kindly spirit of helpfulness shown by our florists to those who suffered from the weight of the snow is the pleasantest part of a sad mishap.

Ralph C. Faust, treasurer of the S. S. Pennock-Meehan Co., is happily recovering from typhoid fever.

M. Rice & Co. received orders on Monday from pretty nearly the four corners of this continent.

H. Bayersdorfer & Co. are working night and day getting out their large stock of Easter novelties and staples.

Edward Towill, of Roslyn, purchased several acres of ground adjoining his present property recently. It is understood that Mr. Towill expects to build this season.

Victor Groshens has purchased twenty acres of ground adjoining Edw. Towill, at Roslyn. He will erect two large houses this season, probably of truss construction.

The Century Flower Shop has just arranged a pretty Japanese garden at the back of the greenhouse. It is an exquisite little piece of work, with many curious stones and other objects of special interest to the initiated. An ivy screen, common in Europe, is effectively used at the side of the garden. Mr. Battles' idea is that, though the rear of a conservatory is generally a good place for rubbish, such an arrangement is not consistent with modern business in the present century.

Pennock Bros. have carried out the St. Valentine idea in a beautifully arranged window filled with little baskets of flowers suspended by ribbon with below them heart-shaped boxes and other pretty things.

Edward A. Stroud's paper on the Toronto convention, which appears in this issue, was not written for publication. Mr. Stroud gave his opinions on the varieties exhibited at Toronto for the benefit of his fellow members in the club only, but he was finally persuaded to allow this most excellent paper to be published.

George Chandler, of Kennett, was among the out-of-town visitors at the Florists' Club meeting last week.

William A. Mangan accompanied John E. Haines from South Bethlehem to this city last week. Mr. Mangan is Mr. Haines' grower.

William P. Craig says that Samuel Batchelor's Enchantress were the largest he ever saw.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

63.—How are White Perfection and Lady Bountiful for a small grower? Are they good bloomers?

Ans.—Yes, but you will probably do better by planting a freer blooming variety, such as Queen.

64.—What is the best and most productive variegated carnation?

Ans.—Mrs. Patten. But I would not plant too many variegated, as Enchantress nearly always outsells Patten.

65.—Name a few good fancy varieties of asters.

Ans.—Semples', Vick's or Carlson's.

66.—What prices would field-grown gladioli usually bring at the beginning of the season, and would they be ready sellers?

Ans.—Two dollars to $4 a hundred. They sell fairly well.

67.—Do spikes of florists' light-colored mixed gladioli bring good prices, or are named varieties preferable?

Ans.—Named varieties in scarlet, white, and soft pink are preferable, because, when there is an oversupply, which frequently happens, the poorer colors are unsalable.

68.—Are Augusta and America superior to others as cut spikes?

Ans.—Yes. They brought the highest price last season, $5 a hundred.

69.—What size box should be used for shipping?

Ans.—Opinions differ. Try boxes six feet long, twelve inches wide, and six inches deep. PHIL.

NEW YORK.

The Market.

Not since the great blizzard of 1888 have we had in New York such a genuine case of winter as last week. You can best realize the quantity of "the beautiful" that fell by the fact that it costs the city a million dollars to remove it. The temperature hugged zero occasionally and 15 degrees above was a fair average for the week. This has served to make the cut flower industry an uncertain quantity. The growers' good

CARNATIONS

Now within the reach of all classes of trade.

You can get what you want of us. We have the goods at all times.

TULIPS
Now ready in quantity, all colors.

VALLEY
We can always supply your needs.

Would like a share of your business

E. H. HUNT

76-78 Wabash Ave., CHICAGO, ILL.

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36-inch	$5.00 to 6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Tea)	**Per 100**
Bride and Maid	$7.00 to $12.00
Richmond, Chatenay	6.00 to 12.00
Golden Gate and Uncle John	6.00 to 12.00
Roses, our selection	6.00
CARNATIONS	2.00
" fancy	3.00
" extra fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	1.00
Violets, single	.75 to 1.00
Harrisii Lilies, per doz.	2.50
Callas, "	2.00
Valley	4.00
Paper Whites	3.00
Romans	3.00
Tulips	3.00 to 4.00
Daffodils, Jonquils	4.00 to 5.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35
Adiantum, per 100	1.00
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

Headquarters for Best Roses

and all other stock in season now removed to Room 202, on the second floor of the Atlas Block, cor. Wabash and Randolph, where we shall be better fixed than ever, and just as anxious to serve our customers.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

BOMBAYREED Window Boxes AND Jardinieres



are the best on the market; largely handled by leading florists. We want YOU to know our full line. YOU can use it. Prices low and inviting.

Write today for sample, price list and interesting catalogue—all sent prepaid.

Bombayreed Mfg. Co.
Columbia, S. C.

Mention The Review when you write.

prices are offset by a distressing scarcity of good stock. The wholesaler finds it hard to meet the regular demand for quantity and the retailer has found the public, apart from the natural increase in funerals, not enthusiastic. Then, too, the bears down in Wall street are squeezing the money spenders and, as a prominent Fifth avenue retailer said to me on Saturday, "Those rich brokers and bankers will not spend money for flowers when the market is going down;" and there you have the situation just as it is today.

Before the end of the present week everything may be seen through optimistic glasses. The sun may shine steadily, the roses take on color and quantity and balls and weddings grow more abundant. In fact, of the latter the bookings are very cheering. Each of the leading retailers has his books comfortably covered up to Easter. Lent began Wednesday, but less and less every year do the 400 or the 4,000 feel the influence of the religious sentiment that brings self-sacrifice. The modern Babylon, this greatest city of all the ages, has not enough old-fashioned orthodoxy left to use a barrel of ashes or a ream of sackcloth from Lent's beginning to its close.

Prices are about the same as a week ago; stock just about as scarce. Beauties, the best, have brought $12 per dozen. Brides and Maids were quoted at $12 to $15 per hundred, but a few could "go you five better," as the speculators say.

Carnations are down; the best from $6 to $8 and so on down to $1.50; many of them the worse for wear. Valley is everywhere and lots of it sold at $1 and $2. The best does not go over $3. Narcissi were so abundant last week one was justified in thinking the southern stock had already arrived. I heard one South Carolina lady visitor telling a retailer she "reckoned her yard was full of 'em in flower neow," and maybe it is. Lilac has gone down a peg and lilies are no more numerous and hold their advantage well at about double Easter prices, and Easter only seven weeks away.

Violets have had to hustle, or at least the distributors have, to realize 75 cents per hundred. Thousands were closed out

NOVELTY TULIPS $4.00 to $5.00 per 100

WILD SMILAX Large supply constantly on hand. Fine quality. Large cases only, $5.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, L. D. Phone, Central 466 CHICAGO

Mention The Review when you write.

at 50 cents Saturday, and quality is excellent. There promises to be a better market for St. Valentine's day. The finest orchids at times were down to 50 cents each but McManus says the demand is widening steadily.

Considerable stock of all kinds came in frozen last week. We have so little winter around the city, shippers grow careless and run into weather that it does not do to tamper with. The early market some days was almost deserted. Only nine growers materialized the morning of the big storm. No wonder Rudolph Fischer, the freesia man, is going to California.

Club Meeting.

The Florists' Club's meeting Monday evening, February 11, was largely attended. President Totty occupied the chair. The exhibits of carnations and other flowers were extensive and beautiful. Business engagements prevented the attendance of the canteen officer, and Will Rickards and Bobby Schultz filled his shoes acceptably. The outing committee reported a grove secured for July 2 and all other details under way.

Henry Hornecker, R. E. Berry, Albert Weisenberger, A. Begerow, A. F. Faulkner and Geo. E. Dickinson were elected to membership and Messrs. Eccles, Kennedy, Pause and Geraghty proposed. Some suggestions in the president's address were discussed, the formation of a bowling club among them. The enthusiasm in behalf of a club backed by the organization did not materialize. An independent club to meet in the afternoon is in process of arrangement, however, and will soon be in operation.

The committee on closer relation with the S. A. F. was instructed to report at the next meeting. The resignation of Edward Hitchings, now of Pasadena, Cal., was accepted. The exhibits were:

A vase of Welcome carnations by Dailledouze Bros. The committee visited this firm January 17 and awarded the flower 91½ points. The thanks of the club were given the exhibitors.

Toreador, from H. Weber & Sons, scored 87 points and received a preliminary certificate. Mabelle, from the same firm, was not in condition for exhibition.

Pink Imperial and Imperial, from Guttman & Haines, were not in condition.

A vase of Winsor, from F. R. Pierson Co. and already certified, received the thanks of the club.

From F. Boulon & Son came fine Princess of Wales violets.

Twelve vases of sweet peas, all new varieties, from A. C. Zvolanek received a cultural certificate.

Carnation Georgia scored 80 points and Harvard 86, the latter receiving a preliminary certificate. These were from J. D. Cockcroft.

A pink seedling carnation from E. L. Enggren, Aqueduct, L. I., the committee asked to have again exhibited.

Winsome, from John Reimels, Woodhaven, L. I., was not in condition. Seedling No. 32, scarlet, scored 85 points and received a preliminary certificate.

A. J. Guttman gave an interesting talk on the Toronto convention, especially referring to the cordiality and hospitableness of the Canadian brethren. He referred to the quality of the exhibits, the splendid banquet and the value of its trade press, and the right of carnation growers to be jubilant, warning the rose men of the growing appreciation of the public for the carnation.

Messrs. O'Mara and Birnie gave interesting addresses inspired by the excellent papers read at the convention, and Messrs. Young, Traendly, Butterfield and Shaw gave testimony to the success of the Canadian convention. A vote of thanks was given the Toronto Florists' Club for its devotion to the happiness of the New York visitors.

Various Notes.

The Florists' Club's annual dinner is set for February 23. W. F. Sheridan tells me there will be 100 at least at the table and that the tickets are selling

Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stem	$6.00
30-inch	5.00
24-inch	4.00
20-inch	3.00
18-inch	2.50
15-inch	2.00
12-inch	1.50
Short	$ .75 to 1.25

	Per 100
Maid and Bride	$6.00 to $12.00
Uncle John	6.00 to 12.00
Chatenay	6.00 to 12.00
Liberty	6.00 to 12.00
Richmond	6.00 to 12.00
Sunrise	6.00 to 12.00
Perle	6.00 to 8.00
Golden Gate	6.00 to 12.00
Killarney	8.00 to 15.00
Ivory	6.00 to 12.00
ROSES, our selection	6.00
Carnations	3.00 to 4.00
Valley	4.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Callas, per doz.	2.00 to 3.00
Harrisii, "	2.00 to 3.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	3.00
Galax, "	1.00

Mention The Review when you write.

Wietor Bros.

51 Wabash Avenue,

CHICAGO

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stems	6 00
30-inch	5 00
24-inch	4 00
20-inch	3 00
18-inch	2 50
15-inch	2 00
12-inch	1 50
Short	$0 75 to 1 25

	Per 100
Maid and Bride	$6 00 to $12 00
Uncle John	6 00 to 12 00
Chatenay	6 00 to 12 00
Richmond	6 00 to 12 00
Perle	6 00 to 8 00
Golden Gate	6 00 to 12 00
Killarney	8 00 to 15 00
ROSES, our selection	6 00
Carnations	3 00 to 4 00
Valley	4 00 to 5 00
Violets	75 to 1 00
Paper Whites	3 00 to 4 00
Romans	3 00 to 4 00
Stevia	1 50 to 2 00
Callas, per doz.,	2 00 to 3 00
Harrisii, "	2 00 to 3 00
Asp. Plumosus, bunch,	50 to 75
Ferns, per 1000,	3 00
Galax, "	1 00

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FLOWER BOXES

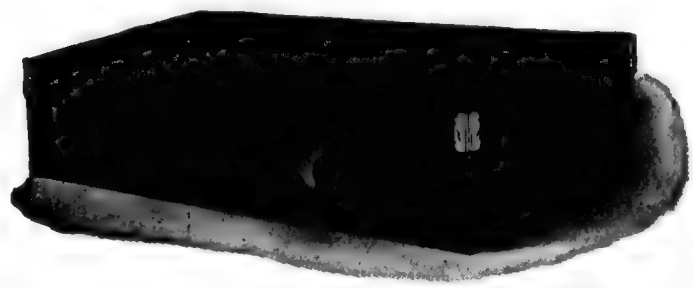


IDEAL GRADE WATERPROOF MANILA
ELITE GRADE WATERPROOF WHITE
IVY GRADE WATERPROOF GREEN



VIOLET BOXES
Violet Color or White with 5-color bunch of Violets on corner.

CORRUGATED PAPER SHIPPING BOXES



FOR MAKING EXPRESS SHIPMENTS

LIGHT, STRONG, DURABLE.

PROTECTS CONTENTS FROM HEAT OR FROST.

SHIPPED FLAT. EASILY SET UP.

METAL OR K. D. CLOTH CORNERS.

THE J. W. SEFTON MFG. CO., CHICAGO, ILLINOIS ANDERSON, INDIANA

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CUT FLOWER BOXES

WATERPROOF. Corner Lock Style.

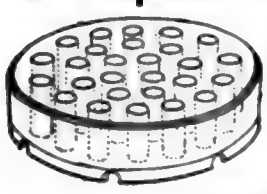
The best, strongest and neatest folding Cut Flower Box ever made. Cheap, durable. To try them once is to use them always.

Size	No. 0	3x4x20	$2.00 per 100,	$19.00 per 1000	
"	No. 1	5x4½x16	1.90 "	17.50	"
"	No. 2	3x6x18	2.00 "	19 00	"
"	No. 3	4x8x18	2.50 "	23 00	"
"	No. 4	3x5x24	2.75 "	26.00	"
"	No. 5	4x8x22	3.00 "	28 50	"
"	No. 6	3x8x28	3.75 "	36.00	"
"	No. 7	6x16x20	5 50 "	54.00	"
"	No. 8	3x7x21	3.00 "	28 50	"
"	No. 9	5x10x36	6.50 "	62.00	"
"	No. 10	7x20x20	7.50 "	67.00	"
"	No. 11	3½x5x30	3.00 "	28.50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.

The "Japana" Cut Flower Holder



A handy article for florists. Sells to the trade on sight. Made of glass in three sizes. The **"Anglais" Table Decoration,** something entirely new, long needed. The florist and housewife will appreciate this article, as it simplifies the art of table decorating. Ask for catalog.

M. V. Garnsey Dept. A. LA GRANGE, ILL.

Mention The Review when you write.

WATERPROOF
Cut Flower and Design Boxes

PARAFFIN LINED PAPER BOXES
For mailing and expressing live plants. Get prices of others, then write for ours.

THE BLOOMER BROS. CO., ST. MARYS, O.

Mention The Review when you write.



Mention The Review when you write.

fast. It is necessary the committee should know without further delay if you can go, so that preparations may be made for your enjoyment. There will be fine music and vaudeville, speech and song out of the beaten rut, and unique features that will make the occasion worthy of the fast growing organization.

Ferdinand Schupp, of Union Hill, for thirty years a prosperous florist there and a successful grower, is ill. He is about 70 years old. His specialty has always been the Jacq. rose. He is a native of Alsace.

Drew Scott, of Alex. McConnell's force, is severely ill at his home in New Rochelle. George McGarrett, Mr. McConnell's bookkeeper for fifteen years, received a handsome girl baby as his holiday present on New Year's eve.

Mr. McConnell's windows are wonderfully spring-like, with forsythia, lilac, and apple blossoms from his own greenhouses. Mr. McConnell is making a specialty of shrub forcing for his retail use and with great success.

John Miller, late with the Wadley & Smythe nurseries at Yonkers, is now in charge of the Tiffany estate at Laurelton hall, Cold Spring Harbor, L. I.

John A. Evans and N. P. Miller, of Richmond, Ind., are in the city in connection with the installing of a large ventilating contract. Mr. Miller remains in charge and Mr. Evans will return to Richmond this week. They report last year's business breaking all records and the present year to date ahead of any of its predecessors.

Robert E. Berry contemplates locating in the vicinity of New York and taking up the growing business in preference to landscape work, in which line he has been an expert for many years.

The sympathy of the trade is extended to William Hackland, bookkeeper for the New York Cut Flower Co., in the loss of his mother.

W. H. Gunther celebrates his forty-sixth birthday on St. Valentine's day. Twenty-six years in the wholesale business has left few wrinkles or gray hairs.

A. M. Henshaw handles a high grade of Jersey roses, a specialty he refers to with commendable pride. His brother, William, at Summit, has been ill with the prevailing malady.

W. H. Donohoe also has had a week of the grip and was unable for several days to attend to business. He has been busy with dinners lately, at one of which 2,200 red and white carnations were used. The popular method was employed, the flowers being made up in bunches and afterwards used as favors.

John Coan, formerly in charge of the plant department for Bloomingdale Bros., will open a store March 1 on Fifty-ninth street and Madison avenue.

Wernz & Koehne, the new firm at Christianson's old stand, report a prosperous season. Mr. Koehne is an active member of the Florists' Club.

President Simpson, Treasurer May and Secretary Hammond of the Rose Society



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, $2.50 per case. The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

CALDWELL THE WOODSMAN DECORATING CO., -- -- EVERGREEN, ALA.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

held a special meeting Monday afternoon in New York. The convention premium list and program is ready for distribution.

Leikens' smile is perennial; a ball Saturday and two on Monday, all big ones, is a record.

Myer, at Fifty-eighth street and Madison avenue, had a large wedding decoration at St. George's Church February 5.

Brooklyn.

Business among the wholesalers of Brooklyn is progressing satisfactorily. But in no other city, perhaps, in the country does the same system of distribution prevail. Without the telephone there would be no wholesaling in the city of churches. Every order comes by phone and delivery is made by boy express. The number of youngsters kept hustling up to noon delivering the goods would surprise you. Some of the wholesalers have a dozen on the list of "get theres." It is the custom made natural by years of New York tuition before Brooklyn boasted a wholesale florist, and the habit cannot be overcome. Bonnet & Blake, W. H. Kuebler, Hicks & Crawbuck and Henry R. Crawbuck make up the quartet and their large, up-to-date establishments and growing trade speak encouragingly for the system and hopefully for the future. The number of retail florists in Brooklyn at the present rate of increase ought to total half a thousand before 1908.

J. Austin Shaw.

ST. LOUIS.

The Market.

Weather conditions were against the retail trade last week and the week ended with not much doing except funeral work, a few small weddings and dinner parties.

The wholesalers have been up against it on roses the last two weeks. Extra fine, long Beauties are out of question in this market and, of course, prices are away up on all stock.

Carnations have been abundant but are cleaned up pretty well each morning, owing to the scarcity of roses. More Enchantress than any other variety is in the market. There are a few extra fancy Lawson. There are plenty of splits in reds; plenty of all grades in white.

Violets are somewhat scarce. Extra quality California are up to 75 cents and $1 per hundred.

Callas are coming in more freely. Some extra fine valley is seen in the market this week. Paper Whites are scarce.

HEADQUARTERS FOR

Hardy Cut Greens and Florists' Supplies



FANCY AND DAGGER FERNS, fine quality, $1.50 per 1000.
NEW CROP BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000; $7.50 per case of 10,000.
SOUTHERN WILD SMILAX, $3.50 and $7.00 per case.



LAUREL FESTOONING

Good and full, 5c and 6c per yard.
BRANCH LAUREL, 50c per bunch.
LEUCOTHOE SPRAYS, $1.00 per 100.

SPHAGNUM MOSS, 50c per bag; five bags, $2.00. GREEN MOSS, $1.00 per bbl.

FLORISTS' SUPPLIES—A full line of Florists' Supplies, Wire Frames, Corrugated Boxes, Cut Flower Boxes, Immortelles, Cycas Leaves, Sheaves of Wheat, Tin Foil, Cut Wire, etc.

HENRY M. ROBINSON & CO.

Tel. 2617-2618 Main. 15 Province St., 9 Chapman Pl., Boston, Mass.

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Extra fine FANCY and DAGGER **FERNS** $1.75 per 1000.
Discount on large orders.

BOXWOOD, 20c per lb.; 50 lbs., $8.50. GALAX, Bronze and Green, $1.25 per 1000. LEUCOTHOE SPRAYS, $1.00 per 100; $7.50 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.

38-40 BROADWAY, DETROIT, MICH.

Mention The Review when you write.



FERNS

Largest stock of any dealer in the trade. Fancy and Dagger, $1.25 per 1000.

ROBERT GROVES

ADAMS, MASS.

Mention The Review when you write.

Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000.....$1.50
Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75
Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50
Boxwood
Per lb.....15c Per case.....$6.50
Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00
Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist

36 East Third St., CINCINNATI, OHIO

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GALAX, GREEN AND BRONZE

LEUCOTHOE SPRAYS

Prime goods, lowest price. We are not to be out-done on prices and quality of goods. It will pay you to get our prices on large lots before placing your orders.

WELD & FRANKLIN, Altamont, N. C.

Successors to C. W. Burleson & Son.

Mention The Review when you write.

Romans are equal to all demands, also jonquils. Few daffodils are in as yet. There are plenty of short freesias and a few sweet peas. Everything in greens is to be had.

Various Notes.

Martin Reukauf, of H. Byersdorfer & Co., Philadelphia, was with us last week. E. C. Pruner, representing E. F. Winterson Co., Chicago, also was a visitor.

W. J. Pilcher, of Kirkwood, was in last week buying glass for two new houses, 25x200, which will be put up this spring. This will put Mr. Pilcher back among the growers again.

F. W. Ude, Jr., of Kirkwood, was a caller last week. Mr. Ude is cutting a fine lot of Prosperity carnations and California violets which are consigned to H. G. Berning.

W. C. Smith, chairman of the Florists' Club trustees, says he will call a meeting some time this week and arrange for a suitable entertainment for the twentieth anniversary of the club, June 28.

The greenhouses of Adolph Brix, on Mead avenue, are in excellent order and the stock is strictly first-class. This place is in charge of Henry Braum. Mr. Brix's store, on St. Louis avenue, is full of fine stock of all kinds and business is reported good.

C. A. Kuehn and J. J. Beneke spent Sunday in Kansas City, visiting some of the trade.

A. Berdan is supplying W. C. Smith & Co. with a fine lot of bulbous stock, such as Romans, Paper Whites and lily of the valley. Mr. Berdan is the only one growing valley around Kirkwood.

Henry Baer, of Peoria, Ill., continues

Make a Good Show Window Display of GREEN CARNATIONS and You Will Get the Business on ST. PATRICK'S DAY

Green Carnations for St. Patrick's Day

This season we are going to send it out in **Powder Form,** thereby saving you **Express Charges.** We will send it **postpaid** to any address, with full directions for mixing, enough for 1 quart for $1.00; enough for 1 ga lon, $3.50, etc. Now, remember that I am the **ORIGINATOR** of the **Green Carnation Coloring,** and furthermore, this new method will prove a greater success and make a stronger color than any other on the market. We can guarantee you satisfaction, as we have nothing but the **"Best."** Send for samples **"FREE."**

FRED GEAR, 1113 Vine St., CINCINNATI, OHIO
MANUFACTURER Originator of Green Flowers

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Very Best Quality Bronze and Green Galax Leaves $6.00 per case 10,000

Beautiful Bronze Leucothoe Sprays..$0 60 per 100
" Green " " .. .50 per 100
Rhododendron Sprays, very choice... 1.50 per 100
Fancy and Dagger Ferns.....$2.00 per 1000
I guarantee all stock satisfactory.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy.....70c per 1000
Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

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COMING Get Ready for ST. PATRICK

Emerald Green Coloring, the best for Carnations. Ready for use, $1.00 per quart.

Manchester Chemical Co.
2804 Manchester Ave., ST. LOUIS, MO.
Phones, Kinloch, Central 5313; Bell, Beaumont 84
or C. A. KUEHN, 1122 Pine St., St. Louis, Mo.

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GREEN Carnation Fluid

For coloring white carnations green for St. Patrick's Day, price, $1.00 per bottle. **Write today** for **Free Samples** with full instructions.

Edwards & Co., Newport, Ky.

Mention The Review when you write.

Green CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages 60c. 2c stamps accepted.

Louis Elsass, Chillicothe, Ohio

Mention The Review when you write.

to send fine carnations to C. A. Kuehn. Mr. Kuehn reports white roses scarce at present.

J. J. Burke, who has a nice place on Locust street, near Sixth, has some of those downtown florists guessing as to the big show he makes in his windows.

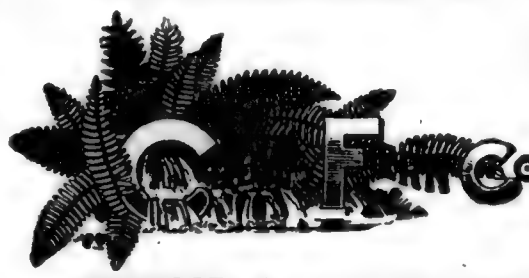
Alexander Siegel has given up the notion of starting a new place on Broadway and reports that he has released his present quarters at Sixth and Washington avenue.

C. Young & Sons Co. are making preparations to handle a big spring trade in seeds, bulbs and plants. Jas. Young, the store manager, reports a good cut flower trade the last month.

H. V. Hunkel, of Milwaukee, Wis., spent Tuesday, February 5, here, attending the funeral of his father-in-law, W. J. Smith. Mr. Hunkel left for home the same night to be with his wife, who is ill.

The exhibition committee of the St. Louis Horticultural Society, consisting of Messrs. Miller, Meinhardt and Koenig, held a meeting in the office of the Koenig Floral Co., February 8, to prepare for their annual spring flower show to be held in the Odeon building, March 5 to 7.

J. J. B.



Fancy or Dagger Ferns
$1.25 per 1000.

Galax, Bronze or Green
75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases, $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.
ALSO DEALER IN

Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

Mention The Review when you write.

SPHAGNUM MOSS AND PEAT

We will ship on receipt of $2.10 one 10-bbl. bale of selected moss, or for $2 60 we will ship one 10-bbl. bale of selected moss and one bbl. sack of our peat as samples, showing the quantity and quality of our goods. We have a large lot of new selected moss on hand and best grades of peat. Our prices are low. Before placing your order elsewhere write for prices.

AMERICAN MOSS AND PEAT CO.
Corlis Bros., Props., Waretown, N. J.

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

WE ARE HEADQUARTERS FOR

CARNATION BLOOMS

In Cincinnati.

Other Cut Flowers in season.

GREEN GOODS, SPHAGNUM and GREEN MOSS, WIRE WORK for Florists.

Place your order now for **Begonia Gloire de Lorraine,** 2¼-in. pots, June delivery. $12.00 per 100; $100.00 per 1000.

CARNATION CUTTINGS,

Rooted or Unrooted.

Send a list of your wants for prices.

WILLIAM MURPHY,

Wholesale Commission Florist,

128 East Third Street, CINCINNATI, O.

L. D. Phones—M 980. W 81 Y

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BEATRICE, NEB.

The stockholders of the Dole Floral Co. held their annual meeting January 21 and elected Mrs. S. H. Dole, Edward W. Dole and W. A. Dole directors for the year 1907. The directors elected Edward W. Dole president and manager; Mrs. S. H. Dole, vice-president, and W. A. Dole, secretary-treasurer. A cash dividend of 10 per cent was declared. The wages of all the employees of the company were increased about twenty per cent over the wages paid last winter.

The business of the company was begun sixteen years ago in a small way and during the dry years was operated with borrowed capital and at a loss, but since the beginning of general prosperity the business has had a steady growth. In 1903 the company purchased a lot at 215 North Sixth street and the following spring built the store now occupied. In 1904 the business was incorporated as a stock company and five acres of land purchased at Fifth and Hoyt streets. In 1905 the present greenhouses were built and the west side greenhouses were dismantled. In 1906 one greenhouse was added for growing winter lettuce, and twelve acres of land purchased for gardening.

Lawrence, Kan.—C. A. Hicks is displaying a new seedling carnation, variegated pink and white, which he has named Hick's Hybrid.

Burlington, Vt.—C. August Gebicke has an attractive store at 32 Church street and a greenhouse at the corner of Mansfield and Colchester avenues. He is a German of scientific and artistic proficiency in floriculture. He grows violets, roses, carnations and other cut flowers. He also handles palms, rubber trees, ferns and potted plants. His services are much in demand for all kinds of decorations.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By single man, 15 year's experience. Good grower of roses, carnations, mums and general stock; capable of taking charge of growing, or under foreman; reference. Address 4914 Charles St., Madisonville, Ohio.

SITUATION WANTED—As gardener; Swiss, age 23; 6 months in this country; good foreign and American references; open for engagement March 1. Address Gustav Glock, 608 Warren St., Evanston, Ill.

SITUATION WANTED—In retail florist's store by young lady. March 1; four years' experience in floral work; best of references; state salary without board. Address No. 67, care Florists' Review, Chicago.

Your Plans For 1907

should include telephone service at your home as well as at your place of business.

It isn't only "just as easy" to do things by telephone, it is

EASIER CHEAPER and QUICKER

NEW YORK TELEPHONE COMPANY

15 DEY STREET

Mention The Review when you write.

SITUATION WANTED—By young experienced florist in Southern States, Texas preferred. Address No. 70, care Florists' Review, Chicago.

SITUATION WANTED—March 1st, by a single sober, all-round man on private or commercial place; 16 years experience. Address No. 64, care Florists' Review' Chicago.

SITUATION WANTED—By young, experienced florist; good grower of cut flowers and plants, desires position in southern states, Texas prefered. Address No. 57, care Florists' Review, Chicago.

SITUATION WANTED—By a young, single man; carnations and roses a specialty; has references; kindly state wages and full particulars in first letter. Address No. 59, care Florists' Review, Chicago.

SITUATION WANTED—German florist, age 23, single, 9 years' experience, one year in this country in rose culture, wishes a position where he has a chance to perfect himself in American method of rose forcing; vicinity of Chicago preferred; state particulars in first letter. Address No. 74, care Florists' Review, Chicago.

SITUATION WANTED—By grower with 15 years' practical experience in roses, carnations, mums, general pot plants and forcing stock; first-class propagator; best references; Central or Eastern states preferred; please state full particulars with salary. Address No. 68, care Florists' Review, Chicago.

SITUATION WANTED—By first-class florist and gardener, 20 years' experience in greenhouses, landscape work, fruits and vegetables; German; married, no children; wants steady position on private place; good references; state full particulars C. Umbach, Overlook Greenhouses Little Falls, N. Y.

SITUATION WANTED—As working foreman by a practical grower and propagator of roses, carnations, mums and general stock; capable of managing a large place; good wages expected; references O K. Address No. 54, care Florists' Review, Chicago.

SITUATION WANTED—As foreman for prominent landscape architect or manager landscape department of large nursery; graduate of I. C. S. of C. E. as surveyor; competent to lay out, compute area, obtain levels, grades, drainage, road building, also detail, topographical mapping; 14 years' experience as head gardener; understands the habits, requirements and proper handling of horticultural subjects as to most advantageous location and soil requirements. Address No. 66, care Florists' Review, Chicago

HELP WANTED—A florist who is a good grower. Apply Wm. Clark, Colorado Springs, Colo.

HELP WANTED—Wire worker; good position, best wages. Address Pittsburg Florists' Exchange, 15 Diamond Square, Pittsburg, Pa.

HELP WANTED—Steady, sober man; must be good grower of carnations and general stock; $30 with board. Address Anton Krut, Butler, Pa.

HELP WANTED—One or two good all-round growers; must be sober; no firing; apply J. W. Lyon Co., W. P. Williams, Mgr., Belvidere, Ill.

HELP WANTED—A good grower of general stock; must be sober and honest. W. H. Humfeld Floral Co., Kansas City, Mo.

HELP WANTED—Salesman acquainted with the trade to carry side line, pocket sample; quick seller; large profits. Address The Covington Seed Co., Covington, Ky.

HELP WANTED—A florist for general greenhouse work; single man; German perferred; Wages $35.00 a month with board. Saxe and Floto, 205 So. Main St., Waterbury, Conn.

HELP WANTED—A man to take charge of 20,000 ft. of glass, or man with some experience willing to learn; state wages and give reference. Address The Goshen Floral Co., 108 E. Washington St., Goshen, Ind.

HELP WANTED—Competent man experienced in the growing of A-1 cut flowers and plants, design work, etc.; on place 15,000 feet of glass; must be handy with tools: steady position. Address Sterling Floral Co., Sterling, Ill.

HELP WANTED—Experienced man for gardening and florist work; one who is not afraid to work; an all-round man; wages from $35.00 to $30 00 a month, with room and board. Address Faber Bros., R. F. D. 4, Kankakee, Ill.

HELP WANTED—A man to take charge of 7000 feet of glass; carnations, bedding plants and flower design work; honest and industrious; $50.00 month. O. J. Bach, Rural St. and Chapin Ct., Rockford, Ill.

HELP WANTED—At once, a single man with experience under glass, also in kitchen garden and outside work; on large private place; good wages with room and board. Apply C. J Reardon, P. O. Box 498, Hinsdale, Ill.

HELP WANTED—A young married man, must be a good grower of roses and carnations; $50 00 per month and house; will be required to board three men. Address Geo. Stewart, Tuxedo, N. Y.

HELP WANTED—A competent carnation grower with practical knowledge of general stock; none but a good carnation man need apply; state salary in application. Address No. 69, care Florists' Review, Chicago.

HELP WANTED—2 active young men with some greenhouse experience, to work under foremen; wages $10 00 per week, pay weekly; steady employment, good position for the right men. Address Youngs' Seed Store, 1406 Olive St., St. Louis, Mo.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—First-class carnation grower at once, for modern place; if not up-to-date don't answer; state wages expected. Address Miami Floral Co., Geo. Bartholomew, Mgr., Dayton, Ohio. R. R. No. 11.

HELP WANTED—An experienced nurseryman, familiar with all kinds of ornamental stock, some knowledge of landscape work and accustomed to managing men; give full particulars and state salary expected. Address No. 49, care Florists' Review, Chicago.

HELP WANTED—A thoroughly up-to-date store man to take charge and manage one of the finest floral establishments in the west; must be an A1 designer and decorator and a first-class salesman; good salary and commission to right party. Address with references as to character and ability No. 73, care Florists' Review, Chicago.

WANTED—Greenhouse man with at least 2 years' experience; must understand setting out; $50.00 a month the year around. Suburb of Chicago. Address No 76, care Florists' Review, Chicago.

WANTED—To rent, with the privilege of buying, a commercial place; must be in good condition; near market in Pennsylvania. Address with full particulars No. 60, care Florists' Review, Chicago.

WANTED — To rent greenhouses or florist to go in partnership with owner, 11,000 sq. ft. glass full of roses and carnations. Boiler large enough to heat 2 more houses, good market for flowers. A. G. Belinder, 3923 Baltimore Ave., Kansas City, Mo.

FOR SALE OR RENT—Four greenhouses, with cottage houses stocked with carnations and pot plants; immediate possession; would take partner. John Riemersma, 7111 Indiana Ave., Chicago.

FOR RENT OR SALE—Five greenhouses, 10,000 feet of glass; 3 acres of ground; 6 miles from Philadelphia, main line of Pennsylvania R. R. Apply Chas. F. Krueger, Reading Terminal, Philadelphia, Pa.

FOR SALE OR RENT—Carnation greenhouses; good market, established business; land as needed for outdoor work and gardening if desired; reasonable rent or sale on easy terms. For particulars address C. T. Phelps, North Adams, Mass.

FOR SALE—3000 feet of glass; big money in it for the right man, but he must have some money; don't write unless you mean business. Address No. 62, care Florists' Review, Chicago.

FOR SALE—7-room house, barn, ¼-acre lawn; in winter resort. 1¼ miles to postoffice; electric light on street; good market for flowers; $2000; lots adjoining, 50x150, $350 each. Address No. 58, care Florists' Review, Chicago.

FOR SALE—McCray florist refrigerator, No. 675; length, 60 inches; depth, 31 inches; height, 74 inches; used four weeks last spring; change in store location put it out of business. Address R. D. Backus, 704 E. Lincoln St., Iola, Kan.

FOR RENT — Greenhouse establishment in Philadelphia doing wholesale business; nine houses fully stocked with up-to-date varieties of roses and carnations; 15,000 sq. ft. glass. Address No. 71, care Florists' Review, Chicago.

FOR RENT—Two greenhouses, in Rockford, Ill.; new, 7000 feet of glass, 150 feet long, 20 feet wide, heated with hot water; stocked with carnations and bedding plants; 3-year lease, $25.00 a month. Address No. 72, care Florists' Review, Chicago.

FOR SALE—Beautiful Florida home, 2 miles from town, with nursery and grove business, well established, netting over $2000 last year, $1500 cash; and nursery trees for balance. Death in family makes change necessary. South Florida Nurseries, Dade City, Fla.

FOR SALE—Five new greenhouses, containing 20,000 square feet of glass, in operation one year; four hours from Pittsburg, Cleveland, Erie and Buffalo; good central location. For particulars, write Henry F. Michell Co., Philadelphia, Pa.

FOR SALE—Greenhouse; 4000 feet of glass, 7-room residence, barn, three lots for summer work; city water and sewer connections; natural gas for fuel (no night fireman); cut flower trade in city of 1200. Address Iola Greenhouse, 704 E. Lincoln St., Iola, Kan.

FOR SALE — The Tipton Greenhouses; only greenhouse in county; county seat; appreciative people; two railroads; over 3000 feet of glass; new; well stocked; fine opening for good florist; best of reasons for selling. J. K. Shiffer, Tipton, Iowa.

FOR SALE—Retail flower store; large yard; cheap rent; North Side's main street; sickness. Apply 365 E. North Ave., Chicago.

FOR SALE—Cut flower business, greenhouse and residence; water heat. 148 W. 24th St., near Western Ave., Chicago.

FOR SALE—One horizontal boiler, 4x14, forty-eight 3-in. flues, 50 H. P.; one horizontal boiler, 3½x12; thirty-eight 3-in. flues, 35 H. P. Can guarantee 60-lb. pressure. For sale cheap, fuel fronts, water columns, safety valve; complete; write for price. John F. Horn & Bro., 20 North Sixth St., Allentown, Pa.

FOR SALE—22,000 square feet of glass, consisting of four houses 60 x 220, 100 x 28, 100 x 18, 100 x 10, and boiler house 16 x 20; water free with a gasoline pumping engine; houses are in good repair and well stocked; this place is 60 miles from Philadelphia, Pa., and 78 miles from New York City; there are 9½ acres of ground to the place; carnations are a specialty with a general line of other stock; situated in a city with 40 000 inhabitants, trade good and the store sells everything that is grown; reason for selling, the owners have other business interests; place can be bought for $7000, terms $3000 cash, balance to suit the purchaser. For further information address No. 55, care Florists' Review, Chicago.

HOW to BECOME A CARNATION SPECIALIST

Take a course in Carnation Culture and learn how to grow up-to-date flowers, A No 1 stock. You may think that your greenhouses are to blame, and you may think that it is just your bad luck that is against you. One term with the Florists' Correspondence School will clear the track of all obstructive rubbish, and you will smile the smile of a successful, conquering hero. Your troubles are gone and you are a money-maker. Write for particulars today, enclosing 2c stamp. The **Florists' Correspondence School, Box 426, Missoula, Mont.**

Wanted, Landscape Gardener and Florist

to handle **Pure Kentucky Lawn Grass Mixture** and Kentucky Blue Grass Seed direct from the blue grass state. Big profits. Write now.

THE COVINGTON SEED CO., Covington, Ky.

FOR SALE

A well-established greenhouse plant consisting of 14,000 sq. ft. of glass, steam heat. Enough coal on hand to finish season. Houses stocked with carnations, roses and general line of bedding plants. Two houses built new last year. City water. Have a first-class retail and shipping trade. No opposition within 15 miles. Last year's sales amounted to $4,000. Location, central Indiana. Price, $3,000; $1,400 cash, balance on any time you want. Best of reasons for selling. Address No. 56, care Florists' Review, Chicago.

For Sale Greenhouse plant, consisting of 7 houses, 17,000 feet glass, heated by hot water system, in good condition; built three years. Same is stocked with carnations, some callas and geraniums. Two and one-quarter acres of ground, with nice modern residence, 6 rooms and bath. 12 miles from city limits of St. Louis, Mo. Reason for selling, other business will require my attention in spring. **Address No. 43, care Florists' Review, Chicago.**

FOR SALE

Greenhouse plant of 25 000 feet of glass; an up-to-date place, heated by steam and cheap fuel; the houses are in good condition, well stocked with everything for wholesale and retail trade; also Flower and Seed Store with fixtures, seven-room house and eight acres of land; if desired, will sell half interest or lease the plant for term of years. This is an excellent opportunity and is worth investigating. Address No. 48, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8'6" ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE—Heller seed case, good as new, 11 inches deep, 28 inches wide, 55 inches high; contains 57 metal drawers; price $15.00 crated; cost $30.00. H. F. Drury, Galesburg, Ill.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**

51 Erie Street, Chicago

FOR SALE, On Account of Death.

FLORIST BUSINESS, RICHMOND, VA.
Long Established.

Consisting of five greenhouses, three 100 x 16 feet each, and two 50 x 10 feet each. Thoroughly heated by hot water system. Windmill and abundance of good water. A good, fair stock on hand. The property consists of almost an entire block in the suburbs of Richmond, Va., with a nice modern frame residence of seven rooms, stable, etc. Electric railroad line runs in front of the property. Free delivery of mail twice daily. An excellent remunerative trade, and annually increasing. Address,

J. THOMPSON BROWN & CO.
1113 E. Main Street, RICHMOND, VA.

For Sale

ONE OF THE BEST

NURSERY, FLORIST and WHOLESALE

BULB GROWING ESTABLISHMENTS ON LONG ISLAND.

About 15,000 feet of glass, newly built the most convenient and economical way; 7 to 8 acres of the best selling herbaceous plants in the country with good wholesale trade; 16 acres in fine nursery stock, the kinds the market calls for now; 85 acres or more just to suit, with the best of soil for nursery and greenhouse purposes; the best of all kinds of buildings, wagons and horses on the place; 9 miles from Greater New York and 1 mile from proposed Motor Parkway. Address

No. 75, care Florists' Review, Chicago.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 10, care Florists' Review, Chicago.

The Second Edition

—of the—

Florists' Manual

Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.

VEGETABLE PLANTS

CABBAGE New Early and Succession $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

SEED FROM GROWER TO PLANTER

Tomatoes	Per lb.	Peppers	Per lb.
Livingston's Globe	$2.00	Neapolitan	$1 50
Chalk's Early Jewel	1.75	Genuine Ruby King	1.50
Burpee's Matchless	1.50	Bull Nose or Bull	1.25
Spark's Earliana	1.75	Golden Queen	1.50
Dwarf Champion	2.00	Golden Dawn	1.25
Salvia Splendens	10.00	Golden Upright	2.00

New York Improved Spineless Purple Egg Plant 2.00
Extra Early White Spine Cucumber ..... .50
Hubbard and Boston Squash..... .50

T. B TURNER, Swedesboro, N. J.

Mention The Review when you write.

Walters' Improved Telegraph Cucumber

the finest flavor and most prolific grown; as supplied to the largest English growers; disease unknown; per oz., $4.00; price per lb. on application.

A. A. Walters & Son, Bath, England

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

FARQUHAR'S PERFECTION

FORCING CUCUMBER

A much improved strain of White Spine, long, smooth, rich green, robust, 10 days earlier than the old strains and more productive. Unequalled under glass. Pkt., 25c; ¼ oz., 35c; oz., $1; ¼ lb., $3; lb. $10. Write for complete catalogue.

R. & J. FARQUHAR & CO., BOSTON, MASS.

Mention The Review when you write.



Lambert's Pure Culture
Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen.
Practical instructions on "Mushroom Culture" mailed free on application.
American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

Vegetable Growers should

Send 5 Dollars

for a swivel wheel and 20½-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself the **Wittbold Watering System,** or send for circular of testimonials.

Louis Wittbold, 1708 N. Halsted St., Chicago

Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

Vegetable Forcing.

HENRY PHILLIP, Rogers Park, Chicago, was given the opportunity of testing the Davis Perfect cucumber before arrangements had been made for its distribution to the trade and reports being well pleased with the results obtained with it.

MARKET gardeners at Rochester, N. Y., use quite largely a cucumber called The Howard, both for forcing and for outdoors. James Vick's Sons say the variety is the result of a cross between Arlington White Spine and Improved Long Green.

ALL melon growers are familiar with the superior flavor and aroma of the salmon-fleshed varieties, such as Osage and Emerald Gem, but the flesh of these fine melons is too soft for long shipments. It is said this defect has been remedied in the new Burrell Gem.

VEGETABLE MARKETS.

CHICAGO, Feb. 13.—Cucumbers, $1 to $2 doz.; lettuce, 35c to 45c case; spinach, 50c to 75c box; radishes, 40c to 45c doz. bunches; tomatoes, 15c to 25c lb.; mushrooms, 35c to 60c lb.

NEW YORK, Feb. 12.—Mushrooms quite plentiful and meeting a fair outlet at late prices. Cucumbers firm, though comparatively few good enough to exceed $1.75. Lettuce steady, with some fancy marks bringing more than quoted. Mint scarce and high. Radishes firm. Rhubarb weak. Tomatoes steady. Cucumbers, 75c to $2 doz.; lettuce, 50c to $1 doz.; mushrooms, 35c to 60c lb.; mint, $1 to $1.50 doz. bunches; radishes, $4 to $5 per hundred bunches; parsley, 15c doz. bunches; tomatoes, 15c to 30c lb.

BOSTON, Feb. 11.—Cucumbers, $4 to $15 box; parsley, $1.50 to $2 box; radishes, 25c to 30c doz. bunches; lettuce, 25c to 75c doz.; mint, $1 to $1.25 doz. bunches; romaine, $1 doz.; escarolle, $1 doz.; tomatoes, 25c to 40c lb.; dandelions, $1.50 box; rhubarb, 5c to 6c lb.; mushrooms, 40c to 75c lb.; asparagus, $3 doz. bunches.

STARTING SPRING PLANTS.

Cabbage and cauliflower seeds should be sown without delay, to allow time to make plants of good size without having to hurry them, and to insure nice stocky plants. The best variety of cabbage to sow is Early Jersey Wakefield and the best early cauliflower is Snowball or Dwarf Erfurt. The seed of both these varieties of cauliflower is higher priced than the average run of varieties but they are sure to give satisfaction, and having customers satisfied is worth a little extra outlay.

A few onions also should be sown early. There seems to be an increasing demand for these for planting out, as those planted out attain a much larger size than those sown in the open ground. The Tripoli varieties are good for this purpose, also Prizetaker. The seed of the latter can now be procured about as cheaply as that of the ordinary varieties.

Tomatoes had better be started toward the end of the month or at the beginning of March. The trouble in sowing them too soon is that they are apt to be too large and leggy before time to plant out. The varieties of these are so numerous that it is hard to make a selection, but there can be no mistake in sowing some of the old reliable varieties, such as Acme, Stone or Livingston's Perfection for main crop. For early, Spark's

Vegetable Seeds

Prices to Market Gardeners

SPECIAL CUCUMBERS	¼-lb.	lb.
Landreth's extra early W. Spine	40c	$1.00
Extra early Arlington W. Spine	50c	1.25
Landreth's extraordinary W. Spine	60c	1.50
Landreth's Long Green Gherkin	60c	1.50
SPECIAL LETTUCE		
Landreth's forcing, heading	65c	1.80
May King, heading	70c	2.00
Virginia Solid Header	$1.00	2.50
SPECIAL RADISHES		
Wonderful Halflong Red	30c	.80
Landreth's White Box	25c	.60
Extra Early Scarlet White-tipped	20c	.60
Bloomsdale Spinach	20c	.40
Moss Curled Parsley	20c	.40
Landreth's Earliest Tomato	$1.25	4.50
Spark's Earliana Tomato	1.10	3.00
Landreth's Red Rock Tomato	1.00	2.75

Cash with order. Postage paid.
Send for complete list.

LANDRETH SEED CO., BRISTOL, PA.

Mention The Review when you write.

Hothouse Specialties



Our Mr. Rawson being one of the largest growers of Vegetables under glass in this country, we have developed many special strains, including:

Rawson's Hothouse Cucumber

which we confidently believe superior to any other on the market; 60c per oz.; $1.50 per ¼-lb.; $5.00 per lb.

RAWSON'S SCARLET CONICAL RADISH

Best for forcing; many largest growers use it exclusively. Brilliant scarlet, conical, short-topped, remarkably uniform, tender, crisp; 90c lb.; 10 lbs., $8.00; 100 lbs., $75.00.

These and many other specialties fully described in our Market Gardener's List for 1907, just issued. Sent free on request.

W. W. RAWSON & CO., 5 Union St., Boston

Mention The Review when you write.

CAULIFLOWER SEED

Earliest Dwarf Erfurt

The earliest and best variety in existence for either forcing or open ground. We hold a tested stock of exceptionally high germinating power. All we guarantee to be 1906 crop. **$7.00 per pound.** Mailed free on receipt of cash by International P. O. O.

C. S. DANIELS & SON
WYMONDHAM, NORFOLK, ENGLAND

Mention The Review when you write.

Cauliflower, Gundestrup's Snowball, better than Dry Weather for forcing, per oz ,$2.00. **Gundestrup's Lettuce,** per oz., 10c; ¼-lb., 25c. **Improved Arlington White Spine Cucumber,** per oz , 10c; ¼-lb., 25c. **Gundestrup's Early Scarlet Turnip,** white tip for forcing, ¼-lb., 20c; 1-lb., 75c. **Celeriac, Gundestrup's Oval King,** 1-oz., 25c; ¼-lb., 60c.

GUNDESTRUP'S SEED STORE
4273 Milwaukee Ave., CHICAGO

Mention The Review when you write.

800,000 Asparagus Roots	100	1000
3 years, Palmetto, heavy	50c	$3.50
2 years, Palmetto, strong	40c	3 00
2 years, Conover's Colossal	35c	2.75
2 years, Barr's Mammoth, strong	40c	3.00
2 years, Donald's Elmira	40c	3.00
2 years, Giant Argenteuil	40c	3.00
2 years, Columbian White	50c	3.50

On 50,000 or over, good discount given.
On other Nursery stock, send for Trade List.

RIVER VIEW NURSERIES, J. H. O'Hagan, Little Silver, N. J.

Mention The Review when you write.

COMET TOMATO SEED

Grown from true stock. Excellent for forcing. 50c and $1.00 per pkt. **H. M. SANDERSON,**
111 LINCOLN ST., WALTHAM, MASS.

Mention The Review when you write.

SPECIAL STOCKS OF SEEDS FOR EARLY FORCING in Frames or Greenhouses

ALL FOR IMMEDIATE SOWING AND FOR SUCCESSION DURING THE WINTER.

CAULIFLOWER, Early Six Weeks.
This is a very superb stock of Cauliflower, used entirely for early frame work. Fine white flowers can be cut six weeks from time of planting out, can be grown either in frames or in the open as soon as the weather permits. Splendid white heads of fine quality.....Per lb., $8.00

CARROT, W. & S. Early Frame.
Very early, for sowing in frames at the same time that the early Lettuces are planted out. It is very quick in making and can be pulled very early.....Per lb., .75

CARROT, W. & S. Early Forcing.
Very fine Carrot for early sowing, a little later and larger than Early Frame. Splendid color.....Per lb., .75

CARROT, Nantes Selected.
Especially saved for frames. It follows on after the Early Frame and Early Forcing.....Per lb., .60

CUCUMBER, Covent Garden Favorite. (Disease resisting.)
The most prolific, quick growing Cucumber in existence. Slightly spined.....Per oz., 7.00

CUCUMBER, Telegraph.
Specially grown for market work. Grand prolific stock, very short collar, fine shape.....Per oz., 3.00

LETTUCE, CABBAGE, Early Cold Frame.
This delicate-leaved Lettuce is for use in frames for early work only, and produces the early Lettuces for which the French are so much renowned.....Per lb., 2.50

LETTUCE, Vaux's Self-folding Green Cos.
Fine green color, splendid variety for keeping all the winter in frames and then planting out in early Spring.....Per lb., 1.75

LETTUCE, Cos Early Green Forcing.
This is Cos Lettuce which forms itself very quickly and is admirably adapted for growing either in frames or under cloches. It does not grow so high as the usual varieties of Cos, and we strongly recommend it. Very early for ordinary growing out of doors.....Per lb., 2.50

RADISH, RED TURNIPS, Forcing.
Special quick early stock, good bright color.....Per lb., .40

RADISH, Early Forcing Frame.
Special stock for use in frames only, grows very little top, olive-shaped, bright scarlet color with white tip.....Per lb., .40

TURNIP, Early Long White Frame.
Very fine stock of very early long white turnip for frame work only.....Per lb., .75

WATKINS & SIMPSON, SEED MERCHANTS, 12 Tavistock St., Covent Garden, LONDON, ENG.

Earliana seems to succeed splendidly in some sections, while in others it is not so satisfactory. We have found Sterling Castle good for early work and it seems to succeed everywhere.

Egg plants and peppers should be sown about the same time as tomatoes. The old New York Spineless egg plant is a good, reliable sort and the newer variety, Black Beauty, seems to give general satisfaction, while some have a preference for Black Pekin. In peppers Ruby King and Sweet Mountain are both good, large varieties and for those who prefer a medium size there is nothing better than County Fair.

For all these seeds, when plants are to be raised in quantity, flats are best for sowing. These should be made of a uniform size, so that they will fit evenly into the greenhouse benches, and should be about three inches in depth. Soil of a rather light nature is best to use, as heavy soil is apt to bake and retard the coming up of the seedlings. In sections where the soil is heavy it is better to lighten it by the addition of sand, or sand and leaf-mold. It is not necessary to sift all the soil for filling the flats, so long as it is not too lumpy, but that used for the covering of the seeds is better to be sifted. Heavy covering should be avoided. A safe rule is to cover the seeds to about their own depth. If the soil used is moderately moist only a slight sprinkling of water will be necessary after sowing. If the soil should be too dry it is better to give a good watering after the flats are filled and allow them to drain off well before sowing the seeds.

Shading is beneficial until the seeds have started, as it helps to retain the moisture in the soil and avoids the necessity of too frequent applications of water, which would harden the surface of the soil and make it harder for the seedlings to break through. If the whole bench where the flats are placed can be shaded by cheese-cloth, or some such material, it is the most convenient way, but if this is not convenient papers can be spread over the flats during the warm part of the day and removed as the sun gets low. It takes a little time, but it insures a better start than if the flats are left exposed to the full glare of the sun, which would dry the soil out so quickly that an even moisture could not be maintained. The maintenance of an even moisture is the best preventive of damping off, which otherwise is often a serious trouble in the raising of young plants of this class. It stands to reason that exposure to the full glare of the sun, causing dryness, on the one hand, and frequent soakings of water, on the other, are two extremes which are sure to result in injury to the plants in a young and tender state, leaving them an easy prey to the attacks of fungus, which causes what is usually termed damping off.

W. S. CROYDON.

THE GLOOMIEST EVER.

Winter gloom and darkness is a climatic feature always anticipated and discounted by glasshouse gardeners in northern latitudes, but the current season appears to have broken all records for sustained dreariness. The deficiency of average seasonal sunlight began in early autumn and, with the exception of a single week of brilliant weather in November, there has been almost continual murkiness, depressing the vitality of growing plants to a most unusual degree, weakening blooms, causing them to come off-color, with lank and sappy stems, and sharply curtailing the output.

Vegetable growers are having a particularly trying time in getting cucumber and tomato blooms to set. In fact, the majority of blooms failed to advance even to the stage of pollination, but withered without opening. This shortage is reflected in higher quotations for glasshouse products, but increased prices do not in every instance compensate for such light crops. The few clear days we have had between weeks of dullness found indoor plants so tender that especial care was needed in watering and ventilation to keep them from flagging.

Modern greenhouse construction seeks a maximum of lighting surface, as we can well control heat and moisture, but must depend on natural conditions for light. Fairly successful experiments have been made from time to time with artificial lights to tide over the dreary season of short days and frequent storms. Electric illumination in the form of arc lights outside the glass and incandescent globes within were advocated some years ago, says the Rural New-Yorker, and the former used near Boston with a claim of commercial success by a practical greenhouse lettuce grower. More recent trials at Cornell Experiment Station show that acetylene affords a light more congenial to plant life, and there is promise that this means of illumination may economically be used in the depths of winter for glasshouse leaf and root crops, such as lettuce or radishes, though probably not for fruits or flowers.

Gill Seed Co.
SEATTLE, WASH.
Growers of
PUGET SOUND
CABBAGE SEED

S. M. ISBELL & CO.
JACKSON, MICH.
Seed Growers for the Trade
BEANS, CUCUMBER, TOMATO,
Radish, Peas, Muskmelon
Squash, Watermelon, Sweet Corn
We are now booking orders for 1907 fall delivery. Send for contract prices; also surplus list.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons
SPECIALTIES:
Garden Seeds in Variety.
Maine seed potatoes, onion sets, etc.
Correspondence solicited.
Main Office and Seed Farms, ORANGE, CONN.
New York City Store, 82-84 Dey Street.

The Cleveland Seed Co.
AVON, N. Y.
Growers of..... FANCY PEAS AND BEANS
for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.
Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.
Mention The Review when you write.

D. V. BURRELL, Grower of
Special Strains of Melons and Cucumbers
Three of my specialties are the Burrell Gem Cantaloupe. Burrell's Thoroughbred Rocky Ford Cantaloupe and Burrell's Klondike Cucumber. Contract orders solicited.
Address, D. V. BURRELL, A 11, Rocky Ford, Colo.
Mention The Review when you write.

CONNECTICUT CORN.
Onion, Beet, Carrot, Turnip, Parsnip.
The Everett B. Clark Company
MILFORD, CONN.
East Jordan, Mich. Sister Bay, Wis.
We are now writing growing contracts for
PEAS AND BEANS
which we grow in both Michigan and Wisconsin.
Mention The Review when you write.

C. C. MORSE & CO.
Seed Growers
171-173 Clay St., SAN FRANCISCO, CAL.
Onion, Lettuce, Sweet Peas
and other California Specialties

SEEDS WHICH SUCCEED
THIS MEANS THAT LANDRETH'S SEEDS GROW AND ARE GOOD
ADDRESS: BRISTOL, PA
Mention The Review when you write.

PACIFIC SEED GROWERS' CO.
109 MARKET STREET
SAN FRANCISCO, CAL.
Specialties:
Onion, Carrot, Lettuce, Sweet Peas
Mention The Review when you write.

LEONARD SEED CO.
Growers and Wholesalers of Superior Garden Seeds
Seedsmen and Florists Supplied at the shortest notice and at right prices.
Our Catalogues are now ready and are mailed upon request.
Flower Seeds—Onion Sets 79 East Kinzie St., 145 W. Randolph St., CHICAGO
Mention The Review when you write.

LAWN GRASS SEED in Bulk and Packages
Dickinsons, Evergreen, and Pine Tree Brands
SPECIAL MIXTURES SEED FOR GOLF GROUNDS
MINNEAPOLIS THE ALBERT DICKINSON CO. CHICAGO
Mention The Review when you write.

Burpee's Seeds Grow
Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

R. C. Steele, president of the Steele-Briggs Seed Co., February 5 was elected by acclamation president of the Toronto Board of Trade.

In Joseph Breck & Sons' catalogue there is a "roll of honor," being the names of a large number of customers who have done business with the firm for from forty to seventy years. The house was established in Boston in 1822.

Certain shipments of Dutch bulbs which reached the appraisers' store at Chicago the latter part of August were released the first week in February. In these cases the proverbial slowness of the government was not to blame; the trouble came from invoice irregularities.

Johnson & Musser Seed Co., Los Angeles, is out for the trade of all nations. In its 1907 catalogue four languages are used, including Spanish, Chinese and Japanese, with a dozen or more portraits of customers of the last two nationalities, who are a decided factor in the market gardening of southern California.

Visitors at Des Moines, Ia., last week were unusually numerous, including: Chas. P. Braslan, San Jose, Cal.; Wm. Hagemann, New York city; Professor Brown, of the pure seed division of the agricultural department, Washington; Mr. Steinmetz, of W. W. Barnard Co., Chicago; Mr. Johnson, of the Albert Dickinson Co., Chicago; Mr. Crossland, of Northrup, King & Co., Minneapolis;

TO THE TRADE
We desire to announce that because of the heavy and continuous rains, our planting has been delayed so that the writer was not able to leave for the east as early as had been expected. He hopes, however, to get away about the end of this month and will advise the trade later when he expects to call.
A. J. PIETERS SEED CO.
A. J. PIETERS, President and Gen. Manager
HOLLISTER, CAL.

CHAUNCEY P. COY & SON
Established 1878. WATERLOO, NEB.
VINE SEEDS
AND SEED CORN
Wholesale Growers for the Seed Trade
Write for 1907 Contract Offers

The New Perpetual Flowering Carnation BRITANNIA

The most profitable carnation in cultivation, and one that **never splits.** Color, clear scarlet; blooms of good size on long, stiff stems. Strong plants, £5 per 100. Cash with order. Please remit by International Postoffice Order.

A. Smith, The Nursery, Enfield Highway, Middlesex, England

Mention The Review when you write.

Established 1880. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

Mention The Review when you write.



Picea Pungens Glauca Koster and Abies.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.

Mention The Review when you write.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877

By Appointment to H. M. the King of Italy

——HEADQUARTERS FOR——

Cauliflower and Tripoli Onion Seed (Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

Ask for Our Wholesale Catalogue.

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE

GHENT, Belgium.

Mention The Review when you write.

Dahlias

Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906.

Pot Roots

Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

PHLOX CANADENSIS=Perry's Variety

A grand improvement upon the type, color unique, resembling Plumbago Capensis, large flowers, larger heads, petals not out, in bloom 3 months. Grand for forcing. $8.00 per 100 Catalogues free. Received Award of Merit R. H. S. and R. B. S.

PERRY'S HARDY PLANT FARM, ENFIELD, ENGLAND

Mention The Review when you write.

Ardisia Crenulata

Beautiful plants for spring delivery in all sizes. These Ardisias were grown in Belgium and we can supply small plants for "growing on" by the 1000 at very low prices.

Palms, Araucarias, Bay Trees, etc. of very best quality and carefully selected for import.

ORNAMENTAL TREES, SHRUBS etc., Complete line of French, Holland and English Stocks. All kinds of plants for forcing. **RAFFIA! RAFFIA!**

H. Frank Darrow, Importer

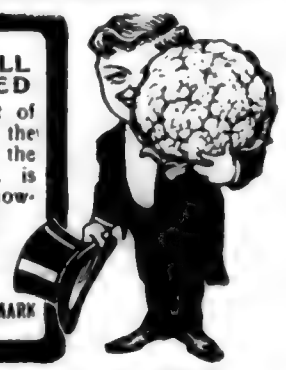
26 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for **Hardy Perennials,** among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 8 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

CAULIFLOWER SEED
CABBAGE SEED

HJALMAR HARTMANN & CO.

Growers for the Wholesale Trade Only.

12 Stormgade, COPENHAGEN

Always Mention the.... **Florists' Review** When Writing Advertisers.

W. W. Hoisington, of the Alfred J. Brown Seed Co., Grand Rapids; Carl Cropp, of Vaughan's Seed Store, Chicago, and several of the Holland bulb men.

The double invoice system will not apply to 1907 bulb importations.

Mail trade is somewhat behind last year to date, according to reports.

It seems that no matter how short seed stocks may be in a general way, there are always lists of surpluses floating about.

Cratz Bros., one of the oldest clover seed concerns at Toledo, closed its doors February 11. The sum involved in the failure is not yet known.

Will H. Dildine has charge of the wholesale department of James Vick's Sons, Rochester, N. Y. The firm is developing this end of the business.

It is said that, next to Burpee, the Leonard Seed Co., Chicago, carries the largest stock and list of varieties of sweet peas to be found in this country.

The 1907 catalogues devote increased space to poultry supplies, while with many seed houses this department is now of sufficient importance to call for a special book.

The death is reported of Mrs. Kurtzweil, mother of Mathias Kurtzweil, president of the Iowa Seed Co., Des Moines. She was 78 years of age and leaves her husband and one son.

Advance orders for a general line of seeds on the pro-rata crop basis are considerably easier to book this season than ordinarily, and reports are that business along this line is flourishing.

One of the good things for which the trade is indebted to the explorations of the Department of Agriculture is the Maliner-Kren horseradish, found in Bohemia several years ago by David Fairchild.

A representative of D. M. Ferry & Co., Detroit, who has been traveling through Wisconsin on business for his firm, says that the people in that state are more prosperous than in any other state he has visited.

It is reported that Huntington & Page, Indianapolis, would, were it possible to dispose of the catalogue and retail end of the business on satisfactory terms, confine themselves to and enlarge the growing and wholesale end.

It is noticeable that the seed trade is giving closer attention to the needs of the vegetable forcers, truckers and market gardeners who buy in bulk and leave the packet trade more or less to look after itself in the general scramble.

Walter P. Stokes says that it has never been, nor will it be, his policy to compete for business on the matter of price. In the first general catalogue of Stokes' Seed Store it is stated: "The prices are such as will enable us to pay my grower an extra fee for taking that care of the growing stocks which is necessary to produce the best results. Under close competition, the price paid the grower has been cut in some cases to a point where it is impossible for him to give that care and attention in roguing and selecting which is absolutely essential in producing best results. I am paying this extra price for extra care and extra attention throughout the entire process of growing and gathering the seed."

W. H. Barrett, Adrian, Mich., has issued a neat, illustrated booklet describing his methods of growing tomato seed. He says his ambition is not wholly commercial and confines his attention to twelve varieties, Chalk's Early Jewel being added to the list this season.

In the Montgomery Ward & Co. seed catalogue "all prices of seeds are net and do not include free transit, but are shipped at buyer's expense. In ordering please remember to allow sufficient postage. If you send too much money we will refund the difference, or omit some article if not enough." Most catalogue seed houses find it saves trouble to include carriage charges in the price of all stock quoted by the packet and pound.

The Chas. H. Lilly Co., Seattle, Wash., has 100 acres in cabbages for 1907 seed crop and reports all the leading houses interested in Puget Sound cabbage seed. They do not meet European prices, but are able to grow at reasonable cost, one of the advantages being that the stock can be wintered in the field, 6 degrees of frost being the coldest recorded last winter. The seed is grown on contract with gardeners, from one to as high as six acres with each, and carefully rogued. A. J. Milton, of the Lilly Co., is now visiting the trade in the east.

LILIUM LONGIFLORUM.

Happily there is now presented to the bulb forcer a new source of supply, and such as promises to far exceed the old source in quantity and quality, and at a much less cost both of initial price and cost of freight to England, says a writer in the Horticultural Trade Journal. I am referring to the new cultivations in Azores islands, which are rapidly gaining considerable importance and reputation for improved quality, more especially in America. In the course of the last twelve months I have frequently come across sample growths of these new importations in England, and in all cases the quality is far in advance of anything I have seen in my experience of Japan or Bermuda bulbs. The type is quite distinct and the bulbs absolutely free from disease—a deformed bloom is absolutely unknown. The flowers are perhaps smaller than those from bulbs from Japan, but they are of very solid and thick texture, with a total absence of the thin, watery flowers seen on the eximium type, giving one more the impression of the giganteum type in the thickness of the petals. The stem, too, is very clean and sturdy, no canes or supports whatever are needed; and what is perhaps of the greatest value, they are more floriferous.

When the stock in the islands is worked up sufficiently large, the price will come at about half now paid to Japan. The islands are on the West Coast of Africa, in about the same latitude as the islands of Bermuda. They are possessions of the Portuguese, and as the Bermudas are to America, so the Azores are a health resort for Europeans. The labor is, of course, Portuguese, but some English and German labor is being imported. English speculators do not appear to be ahead of other countries, or even alongside them, in taking up the growing or handling of longiflorums from these islands. I am informed that already some German firms are prospecting the possibili-

Florists' Flower Seeds New Crop of the Finest Quality

Now Ready **Tuberous Rooted Begonias**

Giant Flowered	Per doz.	Per 100	Per 1000
Single in separate colors	40c	$2.50	$22.50
Double in separate colors	65c	4.00	34.00

GLOXINIAS Finest sorts in separate colors, 50c per doz.; $4.00 per 100; $35.00 per 1000. Send for trade price list.

CURRIE BROS. CO. 312 Broadway, **Milwaukee, Wis.**

Mention The Review when you write.

GLADIOLI Beautifully illustrated catalog, colored plate, etc., describing Groff's Hybrids, Named Novelties of rare beauty, Mixtures and Collections to color and Fine Mixtures of all colors.

Write for it. **Arthur Cowee,** GLADIOLUS SPECIALIST, MEADOWVALE FARM, **Berlin, N. Y.**

Mention The Review when you write.

W. & D. SPECIALTIES for FORCING

Mignonette "New York Market." **Sweet Peas,** "True," Christmas Flowering (pink and white). **Tomato,** "The Don," "Stirling Castle." **Mushroom Spawn,** "English" and "Pure Culture." Send for 1907 catalogue.

Weeber & Don, Seed Merchants and Growers. 114 Chambers St., NEW YORK

Mention The Review when you write.

NEW STOCKS

Flower Seeds for Florists

WHOLESALE CATALOGUE READY

Send for it today. But first read our advertisement on page 733 in the FLORISTS' REVIEW for January 24th, 1907. It is worth reading.

James Vick's Sons

Seedsmen ROCHESTER, N. Y.



EUGENE DAVIS
FROM HIS LATEST PHOTO

THE LATEST AND BEST VARIETY ORIGINATED BY EUGENE DAVIS

Unequaled for Quality, Shape, Color, Productiveness and Shipping Qualities

UNQUESTIONABLY THE BEST FORCING CUCUMBER AS WELL AS FOR GROWING OUTSIDE

Retains its freshness and color long after being cut, and is such a vigorous grower it resists the disease so common among forcing varieties :: :; :: :: :: ::

SOLD BY LEADING SEEDSMEN THROUGHOUT THE UNITED STATES AND CANADA :: :: ::

FOR FULL PARTICULARS WRITE

ALFRED J. BROWN SEED CO.

GRAND RAPIDS, MICH.

THE DAVIS PERFECT CUCUMBER



Photo outdoor-grown **DAVIS PERFECT CUCUMBER** which resembles the hothouse product so closely that even experts can hardly tell the difference.

ties of the trade for the English and American markets, and if practical, sending out capital in the hands of responsible agents, with the intention of ear marking the principal cultivations; and also I know some of the leading American seed houses have made contracts with agents at the Azores for an increasing and continuous supply. So far it has not come within my knowledge of any English growers or importers taking any interest in the matter, although some of our leading firms have been approached on the subject. It will be a great pity and in fact a great loss to the English horticultural trade and the lilium importing trade in particular if this promising and important source of supply is allowed to pass into the hands of the German and American merchants and importers. The trade would welcome a purely English concern that imported and supplied these bulbs, and my object in referring at this length to this matter is in the hopes that the enterprise of our home firms may at least take a share of the valuable trade in bulbs from this new source, and not allow foreign competitors to have it entirely in their own hands, with a consequent great loss to the English dealers and growers.

IMPORTS.

The imports of seeds through the port of New York for the week ending February 2 were as follows

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto	95	$ 1,255	Millet	500	$ 954
Canary	400	736	Mustard	400	4,262
Caraway	620	4,618	Poppy	494	3,571
Castor	3,369	17,204	Rape	18	42
Clover	2,095	51,641	Sugar beet	2	12
Fennel	30	500	Other		9,206
Grass	89	1,259			

In the same period the imports of trees and plants were valued at $9,865.

TOLEDO GRASS SEED MARKET.

Toledo, O., Feb. 6.—The Toledo seed dealers are in the midst of one of the most peculiar situations ever known on this market. Foreign seed has taken the place of domestic in the east, forcing the local dealers to sell off and meet the competition. Imports at New York last week were 4,700 bags of foreign seed, the largest amount ever known to have been sent to this country. Most of the foreign seed has stopped in Baltimore and other eastern cities, but that which has found its way to this market has been of unusually high grade, as shown by government inspection.

The fact is, however, that little seed of any kind can be obtained on this market at the present time. The demand for seed has been so light that the supply has not had to be large; consequently a large demand finds the market nearly bare. Toledo dealers have tried to use as little foreign seed as possible.

The market is 70 cents lower than its high point and 50 cents lower than last Saturday. The farmers have also become frightened and started to unload their seed and have helped the foreign importations to put the market down much lower.

Toledo, O., Feb. 11.—Cloverseed—Cash, $8.05; February, $8.05; March, $8.10; April, $7.92½; timothy, $2.10; alsike, $7.62½.

After investigating the clover seed situation, a leading Chicago house had this to say: "Our traveling man returned today from quite an extended trip

Rawson's Primula Obconica.

Is absolutely distinct from any other strain offered. **IT HAS NO EQUAL NOR SUPERIOR.** Our **FRESH CROP** seeds are in and should be sown at once.

RAWSON'S NEW GIANT.	Per 100 seeds	Per 1000 seeds
Mixed	$0.50	$4 00
Pink or Crimson	.50	4.00
Pure White	.50	4.00

RAWSON'S NEW COLOSSAL.	Per 100 seeds
Mixed	$0.75
Rosea	.75
Dark Lilac	.75

Herms Floral Co., Portsmouth, O., writes us February 1, 1907: "This season's Primulas and Cyclamen were the finest we have ever grown. From your seeds."

RAWSON'S SEEDS ALWAYS GIVE SATISFACTION.

W. W. RAWSON & CO., 5 Union St., Boston, Mass.

P. S. We are now Sole Distributors for Boston for **CARMAN'S ANTI-PEST.** If you wish to know what it is, send for circular.

Mention The Review when you write.

Thorburn's Seeds

OUR WHOLESALE CATALOGUE

for florists and market gardeners is **NOW READY** and will be sent free to all who ask for it.

NEW CROP

Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. **Compare our prices before ordering elsewhere.**

Cold storage **Lily of the Valley Pips,** best possible grade, 1000 in case, $12 per 1000.

J. M. THORBURN & CO.

33 Barclay St., through to 38 Park Place, NEW YORK.

Augusta Gladiolus

First size, 1⅛ and up.....$12.00 per 1000
Second size, 1¼-1⅛..... 8.00 per 1000

Cash with order. Satisfaction guaranteed.

Rowehl & Granz, Hicksville, L. I., N. Y.



We made this halftone from a

WASH DRAWING

one of many we made for 1907

Seed Catalogues

Our artists are the best in the United States on flower and vegetable drawing.

Try our work on some of your special lists and you will give us all your order for the 1908 general catalogue.

We make a specialty of

CUTS FOR SEEESMEN

All processes. Quick work if necessary. Satisfaction guaranteed. Special prices on orders placed now for cuts for 1908 catalogues.

NO STOCK CUTS

CRESCENT ENGRAVING CO.

341-347 Clark St., CHICAGO

Mention The Review when you write.

SHAMROCK

IRISH. THE REAL THING! GREEN

Strong and fine plants. Better order early. $4.00 per 100; or 60c per doz., by mail.

..XXX SEEDS..

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

GLADIOLI

Write for trade price list of named varieties, assorted colors and fine mixtures.

E. E. STEWART, Rives Junction, Mich.

Mention The Review when you write.

—from St. Louis to the seaboard. He claims most dealers are afraid of a repetition of last year's experience, and say they will only buy from hand to mouth. Stocks light, and he is positive that few of the large dealers have any quantity of foreign seed in transit, so we are liable to get any old kind of a market from this on. The demand is going to be a large one and whether there is enough foreign seed coming to fill vacancies is a question."

CLOVER AND GRASS REPORT.

The London wholesale trade has issued the annual report on grass and clover seeds. English red clover is said to be the largest crop on record, the whole being harvested in fine condition, but, as predicted in my previous notes to the Review, prices are maintained at a satisfactory level. The exceptionally fine quality has tempted much foreign trade and immense quantities are being shipped to pratically every market in Europe. Practically all the European producing centers are a short crop.

There are reports of a good crop in Chile, but an increased demand has sprung up from the United States, even so far as to be worth while to reship some Chilean supplies to the States, where values appear to be fully maintained.

White clover has done well through the whole season and the quantity is much above the average. The quality is above the average. Continental supplies of this article are perhaps somewhat better than the English. The price is at present lower than the supply seems to warrant.

The growth of clover, especially red, is



Dreer's Reliable Flower Seeds

ASTERS are one of our specialties, and we do not believe it possible to get finer stock at any price. We offer below a few of the most important sorts for the Florist. For complete list, see our current Wholesale Price List, mailed free on application to any florist.

EARLY WONDER. A new variety and the earliest of all, blooming by the end of June; flowers high-grade, on long stems, and pure white. 40c per trade pkt.; $2.00 per oz.

DAYBREAK. A fine mid-season sort; color, daybreak pink. 40c per trade pkt.; $2.50 per oz.

PURITY. Similar to Daybreak, but pure white. 40c per trade pkt.; $2.50 per oz.

LAVENDER GEM. Exquisite soft color, early flowering. 50c per trade pkt.

SNOWDRIFT. Early pure white, of Comet type. 50c per trade pkt.; $3.00 per oz.

WHITE FLEECE. The finest white of the Comet type; long stemmed, large flowers of purest white. 50c per trade pkt.; $4.00 per oz.

VIOLET KING. A new color in the late branching type. 40c per trade pkt.; $2.50 per oz.

DREER'S SUPERB LATE BRANCHING. The finest strain procurable, and the best of all for late blooming. Pure White, Shell Pink, Rose Pink, Deep Purple, Lavender and Crimson. Each, 25c per trade pkt.; $1.00 per oz. Finest mixed, 25c per trade pkt.; 75c per oz.

SOW NOW: Ageratum, Centaurea, Lobelia, Petunia, Salvia, etc. See list for prices, etc.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

much on the increase in the United Kingdom and in consequence of the heavy home crop it is anticipated a much larger acreage than the average will be sown for forage purposes.

In rye grasses and natural grasses the crops, taking the whole of Europe, may be said to be slightly below the average in quantity and already some natural grasses are ruling higher than last year, timothy included, which apears to be in short supply on both continents. Sainfoin and lucerne both are in full supply, of above average quality. Prices so far are lower than usual, but as supplies in America are almost nil prices may considerably improve. Prices are already ruling considerably higher on the continent than in England.

Taken as a whole, great care will need to be exercised in making wholesale purchases this season, of either clovers or grasses. B. J.

DUTCH BULB PROSPECTS.

The advance guard of the Dutch bulb travelers has already landed in America, and probably an increased number will visit the United States this year. It is perhaps a little difficult to forecast the probable prices, during deliveries of 1907, for all classes of Dutch bulbs, but for two principal items, tulips and daffodils, I think it is fairly safe to predict fairly high prices, probably fully as high as prevailed during May and June of last year, but yet not so high as the prices obtained for sales made during the time of shipment. The reasons which lead me to these conclusions are several, chief among them being the fact that all sorts of daffodils and narcissi as cut bloom are this season realizing fair prices in all parts of the world. A much reduced acreage was planted last autumn in Holland for stock purposes.

JAPAN LILIES HIGH GRADE BULBS

AURATUM	Per doz.	Per 100
8-9 (130 bulbs to case)	$0.70	$5.00
9-11 (100 bulbs to case)	1.50	8.00
RUBRUM (Spec.)		
8-9 (200 bulbs to case)	1.00	6.00

MELPOMENE (Spec.)	Per doz.	Per 100
8 9 (200 bulbs to case)	$1.00	$7.00
ALBUM (Spec.)		
8-9 (220 bulbs to case)	1.00	7.00

TUBEROUS ROOTED BEGONIA BULBS. Splendid Bulbs.

	Per doz.	Per 100	Per 1000
Single, separate colors, Scarlet, Crimson, Rose, White and Orange	$0.35	$2.50	$23.00
Single, choice mixed	.30	2.25	22.00
Double, separate colors, same colors as above	.60	4.25	38.00
Double, choice mixed	.50	4 00	35.00

GIANT FLOWERING GLOXINIAS. Exceptional Quality.

	Per doz.	Per 100	Per 1000
Separate colors, Spotted, Red, White, Blue, Red with white border and Blue with white border or mixed	$0.50	$4.00	$35.00

Send for our list of **Up-to-Date Sweet Peas.** Headquarters for **Mushroom Spawn.** Write for prices. Send for our Florists' Wholesale List.

JOHNSON SEED COMPANY, 217 Market St., Philadelphia, Pa.

Herbert W. Johnson of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

The English market grower will be a greatly increased customer during the coming season, against which there is a much smaller stock in Holland to come upon the market in 1907. This class of bulb is also increasing in demand in other countries. It is also significant that daffodils did not figure to any extent in the purchases made by the new growers who last year established themselves in the north of Holland. Probably they will be required by these growers next season.

Tulips, on account of large export demand of last year and the large quantity of bulbs used for stock in the new cultures mentioned above, were planted in decreased quantities, against a probably increased demand for both foreign and bedding sorts, especially the former, from all over the world, and particularly in England. As to the crop outlook, it is too early to say much with accuracy, but, all things considered, the bulb trade shows brighter prospects for all those concerned, both bulb and flower growers, than has been the case for some years. B. J.

Aster Seed

Vick's Branching, late White Aster, $1.00 per oz.; $12.00 per lb. The above seed is from carefully selected stock and should give good satisfaction.

WHITE BROS., Gasport, N. Y.

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CATALOGUES RECEIVED.

Elbridge & Wheeler, Bridgeport, Conn., general seed catalogue; W. C. Mountain, Constantinople, bulbs; M. Crawford Co., Cuyahoga Falls, O., strawberry plants; Perrys' Hardy Plant Farm, Enfield, England, lilies; Advance Co., Richmond, Ind., ventilating apparatus; Leedle Floral Co., Springfield, O., roses; Wolf Machine Co.,

Aster Seed

Our descriptive price list of High-Grade Aster Seed is now ready and will be sent free on application. Try our new varieties, Cardinal, Sunset and Rosy Carmine Branching—they are winners. Price per packet, 25 cents; two packets for 40 cents.

Pointers on how to grow Asters successfully sent free with every order.

VICK & HILL CO.

P. O. Box 613. ROCHESTER, N. Y.

Mention The Review when you write.

Dayton O., ventilating apparatus; Leonard Seed Co., wholesale list; W. H. Barrett, Adrian, Mich., tomato seed; W. K. Nelson, Augusta, Ga., price list of roses.

DETROIT.

The Market.

Business remains about the same. A few dull days toward the end of the week tended to pile up stock. Carnations, especially Enchantress and Lawson, are plentiful, but the price is still up. White carnations are short. Roses are scarce; in fact, it is almost impossible to get grades for work. Bulbous stock is arriving in large quantities. Violets sell fairly well.

Club Meeting.

A carnation exhibit held in connection with the Florists' Club's last meeting brought forth an unusually large attendance. Treasurer Walter Taepke was kept busy making out receipts for dues. Lewis F. Tossey was elected a member. Murry G. Patterson's application for membership was received. The next regular meeting night, February 20, will be given over to an entertainment and dancing party at Harmonie hall. The ladies and all florists' employees are cordially invited to favor the members with their presence.

George Browne gave an interesting as well as amusing description of the trip to Toronto. The treatment accorded the visitors by the Toronto men was simply great. Mr. Browne says "the banquet was the best ever; the decorations were superb." During a trip about the city the absence of beer signs and billboards impressed the visitors. A side trip to Dunlop's and the Dale Estate proved interesting.

During Mr. Browne's talk on Toronto a committee of three, consisting of C. H. Plumb, George Rackham and Fred Pantke, was appointed to inspect the following exhibits:

Chicago Carnation Co., Joliet, a vase of Red Riding Hood, which carried remarkably well and showed up fine. A vase of Aristocrat showed up fine and no doubt will sell some stock for the company. A vase of White Perfection, of good form and fine pure white.

F. R. Pierson Co., Tarrytown, a vase of Winsor, fine color, stem and form; good variety if prolific. White Enchantress did not carry well; not pure white.

A. J. Stahelin, of Redford, a most creditable exhibit, showing ten varieties of carnations, as follows: A vase of 100 White Lawson, very fine; a vase of 100 Schroeter's Rose-pink Enchantress, fine color, large flowers; a vase of Enchantress, Harlowarden, Mrs. M. A. Patten, Nelson Fisher, Lawson, and a Variegated Lawson, all well grown. He also showed a red seedling and a white seedling of a fine form, both good producers.

August Von Boeselager, Mt. Clemens, showed a vase of Moonlight, a pure white, large flower, a good producer, and does not seem to split. He also showed a vase of his pink Lawson; it is identically the same as Lawson, only of a light rose-pink shade.

Thomas Browne showed his White Enchantress. This received most favorable comment from the committee.

Leopold Mallest staged a vase of fifty Lawsons that were winners, on elegant long stems, fine, large, perfect flowers and fine color. He also showed a few hundred violets, about the size of a half-dollar and very fragrant.

C. H. Plumb proved to the boys that twenty-five blooms of Von Sion could be cut from one 8-inch pan. He also showed a fine lot of Golden Spur.

The exhibits were not as plentiful as in 1906, but the scarcity of stock probably accounts for this.

In recognition of his special efforts in this and on previous occasions, A. J. Stahelin was asked to read a paper on "Carnations" and also give a short review of his life. Mr. Stahelin, who is but a young man and has been growing carnations for only the last four years, has had remarkable success. He was in the employ of the Chicago Carnation Co. for about three months, picking up ideas on building; then he built one house 24x200 at Redford, Mich., where he now has about 20,000 feet of glass.

SUMMER FLOWERING BULBS

My New Begonias and Gloxinias are in stock and are as fine as any I have ever seen.



LARGE FLOWERING BEGONIAS—Tuberous Rooted

SINGLE (1¼, 1½-inch bulbs)	Doz.	100	1000	DOUBLE (¼, 1½-inch bulbs)	Doz.	100	1000
Scarlet	$0.35	$2.50	$23.00	Scarlet	$0.60	$4.25	$38.00
Crimson	.35	2.50	23.00	Crimson	.60	4.25	38.00
White	.35	2.50	23.00	White	.60	4.25	38.00
Rose	.35	2.50	23.00	Rose	.60	4.25	38.00
Yellow	.35	2.50	23.00	Yellow	.60	4.25	38.00
Mixed	.30	2.25	22.00	Mixed	.50	4.00	35.00

GLOXINIAS, Giant-Flowering—Fine large Bulbs strong and well matured, Blue, Red, White, Red with White Border, Spotted and Tigered, per doz., 50c; per 100, $3.50. Mixed sorts, fine, per doz., 45c; per 100, $3.25.

FORCING VEGETABLE SEEDS—Special Strains for Greenhouse Culture. Cucumber, Cauliflower, Lettuce, Radish, Tomato. Write me your wants.

MUSHROOM SPAWN—Frequent importations from England. Per 100 lbs., $6.00; per 1000 lbs., $55.00.

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Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.

Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.

Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.

Begonia, Zangen's new Bedding Queen, a real Daybreak pink, compact, ball-shaped, wax Begonia with lively green foliage, unexcelled for pots and out doors. 6 tr. pkts., $2.50; tr. pkt., 50c.

Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.

Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.

Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.

Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.

Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

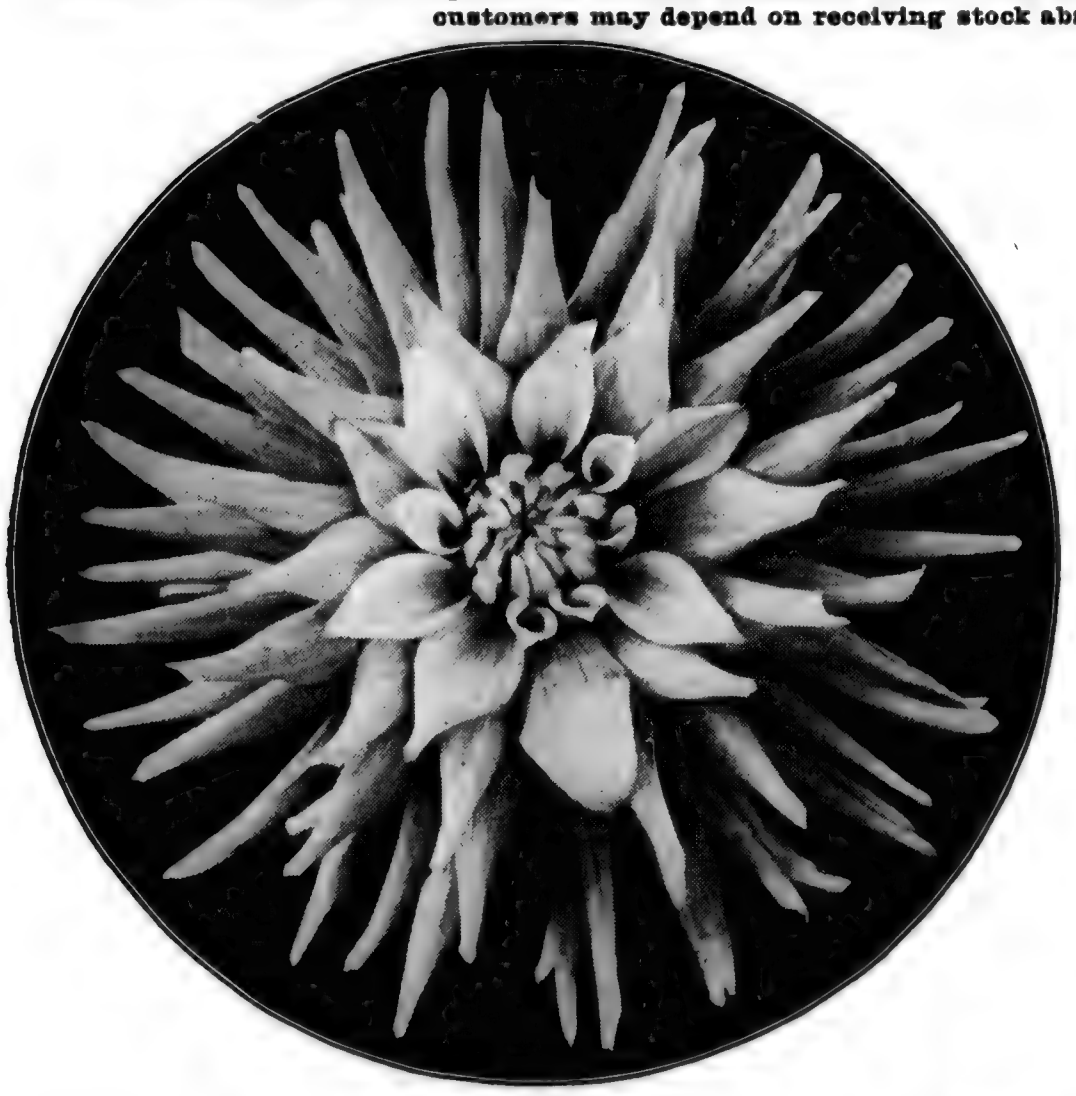
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O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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VARIETIES SPECIALLY SUITED FOR CUT FLOWERS

Strong dormant field roots, grown at our own Nurseries where every precaution has been taken in the handling, and our customers may depend on receiving stock absolutely true to name.



	Per doz.	Per 100
A. D. Livoni, (Quilled). Pink	$1.00	$8.00
Aegir, (Cactus). Warm cardinal red	1.00	8.00
Aunt Chloe, (Cactus). Rich black maroon	1.00	8.00
Admiral Dewey, (Decorative). Rich French purple	1.00	8.00
Baron Schroeder, (Decorative). Purple with bluish shadings	1.00	8.00
Catherine Duer, (Decorative). The favorite Newport red	1.00	8.00
Clifford W. Bruton, (Decorative). Bright yellow	1.00	8.00
Countess of Lonsdale, (Cactus). Pleasing salmon	1.50	10.00
Eva, (Cactus). Medium sized, pure white	2.50	15.00
Earl of Pembroke, (Cactus). Rich plum color	1.00	8.00
Fire-rain, (Decorative). New brilliant red	3.00	20.00
Floradora, (Cactus). Blood red	2.50	15.00
Florence N. Stredwick, (Cactus). A grand white	2.50	15.00
Flora, (Cactus). The ideal white	4.00	30.00
Frute, (Cactus). Soft rose-pink, passing to cream centre	2.50	15.00
Gigantea, (Giant). An immense creamy white	2.50	15.00
Gorelinde, (Cactus). Finest yellow	2.50	15.00
Grand Duke Alexis, (Quilled). Standard ivory white	1.50	10.00
Hohenzollern, (Cactus). Bronzy orange	1.00	8.00
Keyne's White, (Cactus). Free flowering white	1.00	8.00
Kriemhilde, (Cactus). Soft pink	1.50	10.00
Lyndhurst, (Decorative). Brilliant red	1.00	8.00
Lenau, (Cactus). Coral red suffused apricot	4.00	30.00
Mary D. Hallock, (Quilled). A useful yellow, very free	1.00	8.00
Mme. Alfred Moreau, (Show). A fine large pink	1.50	10.00
Miss May Loomis, (Show). White suffused with soft rose	1.50	10.00
Mrs. Winters, (Decorative). Fine white	1.00	8.00
Mrs. Roosevelt, (Giant). Pink	2.50	15.00
Nymphaea, (Decorative). Light pink	1.00	8.00
Sylvia, (Decorative). Soft pink	1.00	8.00
Standard Bearer, (Cactus). Rich fiery scarlet	1.00	8.00
Strahlein Krone, (Cactus). Intense cardinal red	1.00	8.00
Thuringia, (Cactus). Very large, fiery red	4.00	30.00
Uncle Tom, (Cactus). Deep maroon	2.50	15.00
Victor von Scheffel, (Cactus). Beautiful soft pink	2.50	15.00
Volker, (Cactus). A grand yellow	1.50	10.00
Winsome, (Cactus). A fine white	1.50	10.00
Wm. Agnew, (Decorative). Brilliant red	1.00	8.00
White Swan, (Show). A good white of medium size	1.50	10.00
Walthari, (Cactus). Sulphur shading to white center	4.00	30.00
Zephyr, (Cactus). Crimson carmine	2.50	15.00
Zulu, (Decorative). Deep maroon shaded black	1.00	8.00

SINGLE CENTURY DAHLIAS

Good divided roots—field-grown stock.

	Per doz.	Per 100
Crimson Century. Rich velvety crimson	$2.00	$15.00
Scarlet Century. Brilliant rich scarlet	3.50	25.00
White Century. Large pure white	4.00	30.00
Twentieth Century. The standard single	1.50	10.00

For full descriptions of the above as well as for a complete list of all the good varieties of Dahlias, new as well as standard sorts, see our current **QUARTERLY WHOLESALE LIST** just issued, which also contains offers of all seasonable Plants, Bulbs and Seeds.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

The glut several years ago nearly put him out of business, but he was not to be discouraged. His paper is to be read March 6, when J. F. Sullivan has also promised to read a paper on "Why You Should Attend Club Meetings."

Various Notes.

No doubt the friends of Thos. Browne will be pleased to learn of his partial recovery.

At the last meeting of the Detroit Florists' Club, which is well represented in the S. A. F., a motion was made and carried emphatically protesting against the changing of the convention date. It is impossible for storemen and most growers to get away during November and, owing to the uncertainty of the weather, it is a hard matter to ship plants at that time. All this would surely have a tendency to reduce the attendance, which would be fatal to our society.

Visitors: Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia; G. F. Struck, Summit, N. J.; S. S. Skidelsky, Philadelphia; Chas. Schwake, representing C. F. Meyer, New York; Louis Bronkhurst, representing N. F. McCarthy & Co., Boston; R. C. Whitehill, representing Benj. Hammond, Fishkill, N. Y., and several Dutch bulb canvassers.

H. S.

VERBENA MAMMOTH

Colored or **Mixed**	oz.	$0.75
Petunia, double large-fl. fringed	tr. pkt.	1.00
" single large-fl. fringed	tr. pkt.	.50
Salvia Splendens	oz.	1.00
Stocks, large-fl. 10 Weeks'	tr. pkt.	.25
" Dwarf Snowflake	tr. pkt.	.25
Begonia, Dwarf Vernon	tr. pkt.	.25
" Vulcan	tr. pkt.	.25
" Erfordi	tr. pkt	.25

W. C. BECKERT, Allegheny, Pa.

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WATERING PRIMULAS.

When primulas are grown in a high temperature there is not much danger of harming them in watering, unless the wielder of the water-can is more than usually careless. In a cooler structure the case is different, and even a careful man may do damage with the water-pot unless he brings a little intelligence to bear. The roots of Chinese primulas are extremely fine, and even when the plants are in full flower, rarely seem to have taken complete possession of the soil. For this reason the soil is easily soured, and sour soil means death to many of the finest roots. Few young beginners are so careless in the use of the pot as to cause established plants to rot off at the collar, but many of them cannot keep the foliage healthy and unspotted; and the foliage of many primulas is a valuable asset.—Gardeners' Magazine.

DAHLIAS

Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made now or early spring.

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Large Supply in Bulbous Stock
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Western Pennsylvania Headquarters
for Fancy American Beauties,
Roses and Novelties in Carnations
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MILWAUKEE.

The Market.

There was a marked improvement in trade last week. Everything sold out clean and prices were firm. Plenty of funeral work caused heavy demand on light-colored stock. Violets also moved better. Prices ruled about the same as the previous week, but none were left over.

Bulb stock is coming in more freely, but the general shortage keeps it moving at good figures. The supply of green goods is shortening up. Smilax is scarce, also Sprengeri, but plenty of plumosus is on the market. Valley is plentiful. There is some stevia still coming in, but the quality is on the wane. Callas are coming in more freely, but the supply is still unequal to the demand.

Various Notes.

Alexander Klockner read a paper on "Landscape Gardening" at the Florists' Club's meeting February 7. There was a good attendance and the paper brought out considerable discussion. It was an able paper, covering all points on landscape work, and was much appreciated.

Nick Zweifel is still on the sick list, but is on the road to recovery.

With the beginning of Lent there appears to be a good crop of flowers arriving in all lines. The supply of roses is increasing daily.

Cedar Rapids, Ia.—I. N. Kramer & Son moved to their new location, 318 Third avenue, February 5.

Davenport, Ia.—E. L. Pope, of the Allison & Pope Co., has sold out his interest in the business to Mrs. Amelia Miller.

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Importers and Manufacturers of
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Write us for prices stating the size you require, the kind of cut flowers you wish to use the refrigerator for, and whether for display or only for storage.
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3 NEW CANNAS

WILLIAM SAUNDERS
The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that Wm. Saunders is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA
Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.
NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 13 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK
Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.
Send for our list and prices of 60 other leading varieties of Cannas.
ROSES, are our great specialty, 2¼ and 4-inch pot plants we have in great variety — Philadelphia Rambler, Crimson Rambler, Dorothy Perkins and other climbers in strong field plants.
SHRUBBERY, in variety. Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.
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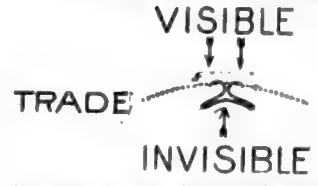
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THE HEIM CARNATION SUPPORT
"The Finest Thing Out"
The two twists make it so rigid that the most severe spraying does not effect the position of the support or plant. The rings are movable, to allow adjustment to the growth of the plants. Allows perfect cultivation between the plants.
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Write for Prices. CONNERSVILLE, IND.
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SAVE your pinks before splitting, don't try to patch them up with wires that would do for the 19th but not for the 20th century.
Use the M. & D. Artificial Calyx. Easily applied and removed. $1.75 per 100; $15.00 per 1000; 250 at 1000 rate.
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will do it in a business-like manner at a minimum of time and expense. Saves lots of money. Inexpensive. instantaneously applied and practically invisible. The clips are made of galvanized wire and are colored green, just the color of the calyx, and can hardly be detected. Thoroughly up-to-date in every particular. Plier, $3.00. 1000 Clips, $1.00, postage prepaid. All the leading dealers in Florists' Supplies, or direct from
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EDWARD REID

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1526 Ranstead St., PHILADELPHIA

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And the best of everything seasonable in season.

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Philadelphia, Feb. 13.

	Per doz.
Beauties, Specials	$9 00 to $10.00
" Extra	6.00 to 7.50
" Medium	3.00 to 5.00
" Short	1.00 to 2.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00 to $18.00
" " Select	10.00 to 12.00
" " Ordinary	5 00 to 8.00
Richmond, Liberty, Fancy	25.00 to 30.00
" Select	10.00 to 15 00
" Ordinary	5.00 to 8.00
Killarney, Chatenay, Select	12.00 to 15.00
" " Ordinary	5.00 to 8.00
Golden Gate, Select	12.00 to 15.00
" " Ordinary	5.00 to 8.00
Carnations, Fancy	6 00
" Select	4.00 to 5.00
" Ordinary	2.00 to 3.00
Harrisii Lilies, per doz., $1.50 to $2.00	
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch....50c	
" Sprengeri, bunch...50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Cattleya Trianæ	50.00
Callas ....per doz., $1.50 to $2.00	
Violets, Single	.35 to .50
" Double	.75 to 1.00
" White	1.50
White Cattleyas	50.00
Gardenias	40.00
Pansies	.75 to 1.00
Snapdragon	3.00 to 4.00
Sweet Peas	.75 to 1.50
Daisies, White and Yellow	1.50 to 3 00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissus	2.00 to 2.00
Mignonette, Fancy	8.00
" Ordinary	2.00 to 4.00
Single Daffodils	3.00 to 4.00
White Lilacs ..... per bunch,	1.00 to 2.00
Freesias	2.00 to 5.00
Golden Spur	3.00 to 4.00
Tulips	3.00 to 5.00
Double Daffodils	4.00

Cleveland, Feb. 13.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00
	Per 100
Brides and Bridesmaids	$ 6.00 to $15.00
Carnations	3.00 to 5.00
Violets	1.00 to 1.50
Sweet Peas	1.00 to 1.50
Pansies	1.00 to 1.50
Tulips	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

Milwaukee, Feb. 13.

	Per 100
Beauties, Medium	$15.00 to $18.00
" Shorts	6.50 to 10.00
Bride and Bridesmaid	6.00 to 10.00
Golden Gate, Chatenay	6.00 to 10.00
Richmond	8.00 to 10.00
Perle	6.00 to 10.00
Carnations	2.00 to 4.00
Valley	3.00
Stevia	2.00
Violets	.50 to .75
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00
Paper Whites, Romans	3.00
Callas	18.00
Trumpet Major	3.00
Tulips	3.00

I WATCH for the coming of the REVIEW each week and certainly get much pleasure and profit from reading it.—E. P. HILL, Shelbyville, Ky.

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217-223 DIAMOND STREET

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New York, Feb. 11.

	Per 100	
Beauties, Specials	$60.00 to	$ 75.00
" Fancy	35.00 to	50.00
" Extra	20.00 to	35.00
" No. 1	10.00 to	20.00
" No. 2	8.00 to	10.00
" Shorts	4.00 to	6.00
Brides and Maids, Special	12.00 to	15.00
" " Extra	10.00 to	12.00
" " No. 1	6.00 to	8.00
" " No. 2	3.00 to	5.00
Golden Gate, Chatenay	3.00 to	20.00
Killarney	3.00 to	20.00
Richmond	5.00 to	25.00
Orchids, Cattleyas	40.00 to	60.00
Cypripediums	10.00 to	20.00
Gardenias	20.00 to	35.00
Carnations, Common	1.00 to	2.00
" Selects	3.00 to	4.00
" Fancies and novelties	5.00 to	8.00
Violets	.40 to	1.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum	1.00 to	1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	8.00 to	15.00
Lilies	6.00 to	15.00
Lily of the Valley	1.00 to	3.00
Smilax	6.00 to	10.00
Paper Whites	1.00 to	2.00
Callas	6.00 to	8.00
Hyacinths	1.00 to	2.00
Tulips	2.00 to	3.00
Lilacs	bunch, 50c to 1.00	
Daisies	1.00 to	2.00

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Best Facilities and Accommodations

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Telephone 4638 Main.

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Telephone 626 Madison Square, NEW YORK.

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Wholesale Cut Flower Prices.

Chicago, Feb. 13.

	Per doz.
Beauties, long stems	$ 6.00 to $10.00
" 36-inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75

	Per 100	
Bridesmaids, Specials	$10.00 to	$20.00
" Firsts	6.00 to	8.00
Brides, Specials	10.00 to	20.00
" Firsts	6.00 to	8.00
Richmond, Specials	15.00 to	25.00
" Firsts	6.00 to	12.00
Liberty	6.00 to	25.00
Golden Gate, Firsts	10.00 to	18.00
" " Seconds	6.00 to	8.00
Killarney	8.00 to	25.00
Uncle John	6.00 to	20.00
Perle	6.00 to	15.00
Chatenay	6.00 to	20.00
Carnations, Select	1.50 to	3.00
" Fancy	4.00 to	5.00
Violets, double	.75 to	1.00
" single	.50 to	1.00
Cattleyas	per doz., $6.00	
Dendrobium—		
Formosum	doz., $3.00 to $6.00	
Cypripediums	doz., 2.00	
Harrisii	15.00 to	18.00
Callas	12.00 to	15.00
Valley	2.00 to	4.00
Jonquils	3.00 to	4.00
Tulips	3.00 to	5.00
Sweet Peas	.75 to	1.50
Paper Whites, Romans	3.00 to	4.00
Freesias	3.00 to	4.00
Mignonette	6.00 to	8.00
Asparagus, Strings	50.00 to	60.00
" Sprays, per bunch	75c	
" Sprengeri, "	25-35c	
Ferns	per 1000, $2.50 to $3.00	.25
Galax	per 1000, 1.00 to 1.50	.15
Adiantum Cuneatum	1.00 to	1.50
" Croweanum		2.00
Smilax	per doz., $1.50 to $2.00	12.00 to 15.00

Buffalo, Feb. 13.

	Per doz.
Beauties, Specials	$8.00
" Fancy	6.00
" Extra	4.00
" First	2.50

	Per 100	
Brides and Maids, Extra	$12.00 to	$15.00
" " No. 1	10.00 to	12.00
" " No. 2	4.00 to	8.00
Liberty	5.00 to	20.00
Golden Gate	5.00 to	10.00
Perle	5.00 to	8.00
Carnations	2.00 to	5.00
Adiantum Cuneatum	.50 to	1.00
" Croweanum	1.00 to	1.50
Asparagus Plumosus, Strings	40.00 to	50.00
" " Sprays	1.00 to	2.00
" Sprengeri "	1.00 to	2.00
Lily of the Valley	3.00 to	5.00
Smilax		15.00
Harrisii	15.00 to	20.00
Violets	.75 to	1.25
Stevia	1.00 to	1.25
Romans and Narcissi	2.50 to	3.00
Freesias	2.00 to	4.00
Tulips	3.00 to	4.00
Daffodils	3.00 to	4.00

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59 Wabash Ave. CHICAGO

Phone, Central 879.

Write for our wholesale price list.

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Chicago Rose Co.

Rose Growers and Commission Handlers of Cut Flowers

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Be Your Own Commission Man

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HENRY M. ROBINSON & CO., Tel. Main 2617-2618, **15 Province St., 9 Chapman Pl., Boston, Mass.**

Wholesale Cut Flower Prices.

Cincinnati, Feb. 13.

	Per 100.
Beauties, Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	12.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 12.00
Kaiserin	4.00 to 12.00
Liberty	6.00 to 20.00
Meteor	4.00 to 12.00
Perle and Sunrise	3.00 to 8.00
Carnations	2.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.50
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Tulips	3.00 to 4.00
Dutch Hyacinths	4c to 6c

The Metairie Ridge Nursery Co., Ltd. NEW ORLEANS, LA.

Growers of

CHOICE CUT FLOWERS

Roses, Carnations, Orchids, Etc.

We are fully prepared to fill orders for shipping by steamers and express all through the Southern States.

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110-112 East 3rd St., Cincinnati, O.

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Lilium Giganteum

Fine, sound bulbs, 7 x 9, $55.00 per 1000.

Lilium Multiflorum

9 x 11, $9.00 per 100

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New England Headquarters for

Carnations, Violets, Roses, Lily of the Valley

Carefully selected and packed for long distance shipment.

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C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices,

1122 Pine St., - ST. LOUIS, MO.

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H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Feb. 13.

	Per doz.
Beauties, Specials	$ 6.00 to $8.00
" Extra	3.00 to 4.00
" Shorts	1.00 to 2.00
	Per 100
Brides and Maids, Specials	$ 8.00 to $15.00
" " No. 1	5.00 to 6.00
Golden Gate	6.00 to 15.00
Richmond	6.00 to 15.00
Carnot	6.00 to 15.00
Carnations, Common	2.00 to 3.00
" Fancies	4.00 to 6.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	1.00 to 3.00

Pittsburg, Feb. 13.

	Per doz.
Beauties, Specials	$ 6.00 to $ 8.00
" Fancy	4.00 to 5.00
" Medium	2.00 to 3.00
" Short	.75 to 1.00
	Per 100
Brides and Bridesmaids, Fancy	$15.00 to $20.00
" " Medium	10.00 to 12.00
" " Short	6.00
Richmond, Specials	20.00
" Select	15.00
" Ordinary	6.00 to 10.00
Killarney	8.00 to 20.00
Chatenay	8.00 to 15.00
Perle	6.00 to 8.00
Bon Silene	4.00
Cusin	4.00 to 8.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4.00 to 6.00
Sweet Peas	1.00 to 1.50
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	1.00 to 1.50
Paper Whites	3.00 to 4.00
Roman Hyacinths	2.00 to 4.00
Freesias	3.00 to 4.00
Tulips	3.00 to 4.00
Cypripediums	15.00

Wholesale Cut Flower Prices.

Boston, Feb. 13.

	Per 100.
Beauties, Specials	$50.00 to $100.00
" Extra	20.00 to 40.00
" Short Stems	8.00 to 20.00
Brides, Specials	12.00 to 16.00
" Seconds	4.00 to 8.00
Bridesmaids, Specials	12.00 to 16.00
" Seconds	4.00 to 8.00
Chatenay	6.00 to 16.00
Wellesley, Killarney	6.00 to 20.00
Liberty, Richmond	6.00 to 35.00
Carnations, Special	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	2.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50.00
" Sprengeri, bunches	25.00
Adiantum Cuneatum	.50 to 1.00
Smilax	12.00 to 15.00
Harrisii	12.00 to 16.00
Violets	.30 to .75
Cattleyas	35.00 to 40.00
Callas	12.00
Antirrhinum	2.00 to 4.00
Sweet Peas	1.00 to 1.50
Mignonette	2.00 to 8.00
Paper Whites, Romans	2.00
Tulips	2.00 to 4.00
Daffodils	2.00 to 4.00

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Cut Flowers, Palms, Ferns and a General Line of Plants

MANUFACTURERS OF

WIRE WORK AND FLORISTS' SUPPLIES

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1316 Pine St. ST. LOUIS

Both long distance phones.

Supplies and Everything in Season always on hand.

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THE PIKE'S PEAK FLORAL CO.

Exclusively Wholesale

COLORADO SPRINGS, COLO.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

WILLIAM H. DONOHOE

Telephone No. 3034 Madison. **No. 2 WEST 29th ST.,** One door off Fifth Ave., **NEW YORK.**

Special attention to theatre orders. Personal and artistic arrangement. No disappointments in catching steamers and reliable deliveries guaranteed. Special rates for my brother florists from any part of the country. **One Trial Sufficient.**

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Auditorium Annex. Telephone Harrison 585.

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Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

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SUCCESSORS TO SIEVERS & BOLAND

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ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST PAUL. MINN



WASHINGTON, D. C.

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ORDERS for DULUTH

and vicinity will be carefully looked after by

W.W.SEEKINS

109 W. Superior St., DULUTH, MINN.

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The only retail florist in Chicago who grows his own cut flowers.

Funeral Work Orders, Our Specialty

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MRS. M. A. HANSEN

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Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

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....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph

All orders given prompt attention.

JOHN BREITMEYER'S SONS

COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will take proper care of your orders in **WISCONSIN**

CHOICEST FLOWERS

George H. Berke

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Local and Long Distance Phones.

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Boston, Mass.

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H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

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906 Grand Avė., KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUR ORDERS FOR

EVERY DEPARTMENT of FLORAL ART

are earnestly solicited and my personal attention will be given even to the smallest detail.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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7 East 33rd Street

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☞Orders from any part of the country filled carefully and at wholesale prices.

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FOR OTHER LEADING RETAIL FLORISTS SEE NEXT PAGE.

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Alexander McConnell

571 FIFTH AVENUE, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street. **Cable Adddress: ALEXCONNELL.** **Western Union Code.**

BROOKLYN, NEW JERSEY, } **Deliveries Anywhere** { **NEW YORK, LONG ISLAND.**

Trade orders well cared for from all parts of the Country, and delivered at Theatre, Hotel, Steamer or Residence. Address

ROBERT G. WILSON

Fulton St. and Greene Ave. Telephones, Prospect 2840 and 4065 **BROOKLYN, N. Y.**

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Long Distance Phone, 5297 Plaza. **New York**

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

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CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

J. J. BENEKE

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GEO. S. MURTFELDT

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CLARKE BROS., 289 Morrison St.

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119 No. 16th Street, OMAHA, NEB.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

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WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

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Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

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FLORIST 238 Fulton St. Near Clark St. Tel. 334 Main. **Brooklyn, N. Y.**

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The H. Harrington Co.

912 SECOND AVE. SEATTLE, WASH.

Write, Wire or Phone Your Orders to

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1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinlock, Central 4981.

TROUBLE WITH BURSAS.

I am head gardener at the Carnegie Biological Station for the Study of Experimental Evolution and am growing many things that have never been cultivated before, most of which are common weeds. I am growing Bursa capselus, but just about the time they should be putting up the flowering stalk they come to a standstill and refuse to grow any more. On examination I found an enlargement near the surface of the soil on all of them, just as you will on the specimens enclosed. Can you suggest any remedy? L. M.

We regret our inability to determine, from specimens received, what is the trouble with the roots of the plants enclosed. These root-galls are common on many of our native weeds, in addition to cultivated plants. Probably the soil is lacking in one of the essentials of plant food. An application of lime should prove beneficial. We would recommend, however, sending samples of both roots and soil to your state experiment station if the trouble is at all general. The college staff would no doubt be able to help you. W. N. C.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

From—	Steamer—	To—	Sails—
Momus	New Orleans	Havana	Feb. 16
Trent	New York	Barbados	Feb. 16
Hamburg	New York	Gibraltar	Feb. 18
Saxonia	Boston	Liverpool	Feb. 19
Main	New York	Bremen	Feb. 21
Cymric	Boston	Liverpool	Feb. 21
Momus	New Orleans	Havana	Feb. 23
K. Albert	New York	Genoa	Feb. 23
Canopic	Boston	Egypt	Feb. 23
Cassel	New York	Bremen	Feb. 24
Kronprinz	New York	Plymouth	Feb. 26
Oceanic	New York	Liverpool	Feb. 27
Friedrich	New York	Naples	Mar. 2
Momus	New Orleans	Havana	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Momus	New Orleans	Havana	Mar. 9
Hannover	New York	Bremen	Mar. 14
Momus	New Orleans	Havana	Mar. 16
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Momus	New Orleans	Havana	Mar. 23
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30

TIFFIN, O.—John C. Good is reported to be seriously ill. The complaint is dropsy.

PLEASANT RUN, O.—B. H. Haverland reports the crop of Asparagus plumosus nanus seeds practically a failure this year; he will have only enough for his own planting.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

R. J. Coe, the Fort Atkinson nurseryman, has been elected president of the Wisconsin State Horticultural Society.

It is reported from Painesville, O., that the Storrs & Harrison Co. began mailing its catalogue January 14 and the postage will run in the neighborhood of $6,000.

The post-office at Newark, N. Y., derives most of its revenue from the nursery trade and a nurseryman is now postmaster there, J. M. Pitkin, of C. W. Stuart & Co.

The firm of Hacker & Norman, Painesvill, O., composed of Rudolph Hacker and Ralph Norman, has been growing nursery and herbaceous stock the last three years. They recently purchased a farm from B. Park to increase their plantings.

A. J. Young, Aurora, Ill., says that his firm, the Aurora Nursery Co., has a big season in sight, the orders for spring delivery being far more numerous and heavier than at this date last year. A specialty is made of ornamental stock, principally shrubbery.

The Board of General Appraisers at the New York custom house February 9 advanced the valuation of two shipments of 3-foot box trees from Schaum & Van Tol, Boskoop, Holland, from $27 to $28 per hundred, adding packing and cases; discount five per cent.

In the reorganization of the Conard & Jones Co., West Grove, Pa., following the death of its president, A. F. Conard, Mark Hughes, who for many years was associated with the Dingee & Conard Co., was elected a member of the board of directors. The following officers were elected: President, Robert Pyle; vice-president, Antoine Wintzer; treasurer, S. Morris Jones; secretary, Roland T. Satterthwait.

PLANTING EVERGREENS.

Evergreens are excellent subjects for the decoration of home grounds. In suburban grounds they do well as screens for unsightly objects. In planting them it must be remembered to carefully take into consideration the ultimate size and spread to which the trees will attain. Do not plant too thickly, as a cluttered lawn is unwholesome and unsightly and few persons have the courage to take out a tree which they have grown for several years.

For low hedges, the arbor-vitæ is excellent, the American variety taking the lead. The white and blue spruces, the red cedars, Austrian pine, cluster pine and balsam fir are also excellent. For its compact growth, beautiful color and symmetrical shape, the blue spruce is best for single specimens in lawn planting. For grouping in large grounds, the pines and Norway spruces are excellent. Single specimens have to be planted in sod, and it should be remembered that it is a waste of time to put any tree into a tough sod where a hole barely large enough to receive the roots has been dug. The right way is to cut out a circle at least four feet across, peel off the sod, and spade up the soil thoroughly and deeply. The surface of the ground in this circle should be kept well cultivated for three years before grass is again allowed to grow over it.

For screening outbuildings in suburban grounds, spruces are excellent. They should be planted equal distances apart, and sufficiently distant to allow perfect specimens to develop without crowding. The National Council of Horticulture indicates that the point to be sought in growing evergreens is to plant sparingly and seek to develop perfect specimens.

PREMIUM BERRIES.

For a number of years it has been the practice of the M. Crawford Co. to offer small premiums on orders; a few choice bulbs or a strawberry plant of some new variety, for each dollar received before a given time. The Kittie Rice, which has become so popular, was first given out by Mr. Crawford in this way, as No. 1,000. The Mrs. Miller was his premium two years ago, and it has already won a place. Last year it was Nehring's Gem. This spring they offer one first mentioned in their July report for 1904, as Peck's 99. Up to the present time it has been designated by number, but when they decided to let it go out they gave it the name of Helen Gould. It was originated by one of the veteran strawberry growers of Missouri, J. R. Peck, about ten years ago. In 1901 he sent it to Mr. Crawford on trial, and he was so well pleased with it the first time it fruited that he bought the entire stock.

TEXANS UNITE FORCES.

The Texas State Nut Growers' Association and committees of the Texas Nurserymen's Association and the State Horticultural Society held a joint meeting at Austin, Tex., February 7. The members went before the agricultural committee for the state legislature and presented the demands of the nut growers, the nurserymen and horticulturists and the south Texas truck growers for a better enforcement of protection to insectivorous birds. They asked a larger appropriation for nursery inspection.

The associations adjourned to meet again in July at College Station, with the farmers' convention.

20,000 PEONIES FOR EARLY SPRING PLANTING

This list comprises a great many choice and rare varieties, some of which have never before been offered to the trade in quantities. The stock is now in our storage sheds and can be shipped as soon as the weather will permit. Nothing but selected three to six eye divisions will be sent out.

Quan.	Variety	Color	Price, per 100
1000	Achillea	Blush white	$ 8.00
500	Alice de Julvecourt	Salmon pink	12.00
200	Beaute Francaise	Flesh pink spotted carmine	15.00
300	Beranger	Mauve pink with bright center	30.00
200	Charlemagne	Creamy white, center, lilac flesh	25.00
500	Charles Verdier	Carmine	8.00
200	Czarina	Deep rose pink	30.00
500	Duke of Wellington	Sulphur white	20.00
500	Festiva	White	20.00
1000	Festiva Maxima	White	30.00
200	Golden Harvest	Tri color	25.00
1000	Humei Carnea	Cherry pink	8.00
100	Jeanne d'Arc	Sulphur white, pink center	30.00
500	Jenny Lind	Bright pink, silvery reflex	25.00
500	Lady Brunwell	Silvery pink	12.00
50	La Rosiere	Straw yellow	30.00
100	Louis Van Houtte	Violaceous red	20.00
500	Mme. Breon	Flesh, center creamy white	10.00
250	Mme. Coste	Rose	20.00
50	Mme. Rosa Rendatler	Glossy pink, lilac reflex	30.00
250	Mme. Paillet	Violaceous pink, shaded lilac	10.00
1000	Mount Blanc	Lemon yellow	20.00
350	Ne Plus Ultra	Bright rose	12.00
250	Paganini	Rose, center white and yellow	15.00
5000	Off. Rubra	Deep crimson	8.00
500	Queen Victoria	White	8.00
250	Triomphe du Nord	Violaceous pink	12.00
1000	Double Pinks		7.00
500	Double Whites		10.00
250	Double Crimsons		8.00
500	Double Mixed		6.00
200	Bell Douaisienne	Flesh, fading to white	20.00

COTTAGE GARDENS CO., Queens, N. Y.

Mention The Review when you write.

AMERICAN BEAUTY ROSES A Fine Lot

Two years, field-grown, budded on Manetti; all of our own growing; strong, sturdy, well ripened, hard-wooded, American grown stock.

Price.....$15.00 per 100; write for prices on large lots

Send for our **Spring Price List, now ready;** largest stock and completest assortment of Roses in the country; leading kinds, either budded or on own roots. List showing varieties, **quantities available,** and prices sent on request to those in the trade.

JACKSON & PERKINS CO. Nurserymen and Florists Wholesale only **Newark, New York**

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PRIVET

50,000 large Privet, 3 to 4, 4 to 5 and 5 to 6 ft.

Creeping Roses, own roots. See wholesale list.

The Elizabeth Nursery Co., Elizabeth, N. J.

Mention The Review when you write.

Forcing Plants

Azaleas
Rhododendrons
Lilac Rubra de Marley
Deutzia Gracilis
Crimson Rambler
Magna Charta Rose
General Jacq. Rose

Pyramidal Box Trees, 4-5 feet. Barberry Thunbergi

Nursery Stock Supplied to Florists

Trees, Shrubs, Roses, Clematis, Evergreens

Send for our wholesale trade list.

W. & T. Smith Co., Geneva, N. Y.

Mention The Review when you write.

BERBERIS THUNBERGI
12-18-inch.....$6.00 per 100; $50.00 per 1000
18-24-inch..... 8.00 per 100; 70.00 per 1000

CAROLINA POPLARS
8-10 feet.....$10.00 per 100; $80.00 per 1000
10-12 feet..... 12.50 per 100; 100.00 per 1000
Large stock and fine stuff. Sure to please.
Send for price list of general stock.

Aurora Nursery Co., Aurora, Ill.

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American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

CHAS. HAWKINSON NURSERY
EXCELSIOR, MINN.

Mention The Review when you write.

Hardy Roses

A large stock of extra fine H. P. Roses at greatly reduced prices.

Call's Nurseries, Perry, Ohio

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PEONIES

A fine collection, all colors, $1.50 per doz.; $10.00 per 100. Send for list.

CLEMATIS, large-flowering, $2.50 per doz.; $20.00 per 100.

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

"Rosy Propositions"

Spring, 1907 edition just off press.
Get your copy? Free to Rose Plant buyers.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

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THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR Specialty Get our figures

88-91 Plymouth Place, CHICAGO

California Privet Cuttings

All from young w od, every cutting sure to grow. $1.00 per 100.0.

Caddo Nurseries, John Monkhouse, Prop., Shreveport, La.

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Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

20,000 LARGE
CALIFORNIA PRIVET

5 to 6 feet, $6.00 per 100; $50.00 per 1000.
6 to 7 feet, 9.00 per 100; 75.00 per 1000.

It is bright and handsome. I offer it at these low prices because it is upon land that must be cleared at once. Speak quickly.

J. T. LOVETT, LITTLE SILVER, N. J.

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ROSES
STRONG DORMANT PLANTS

American Beauty, Clothilde Soupert, Gloire de Dijon Kaiserin Augusta Victoria, La France, Mme. Caroline Testout, Frau Karl Druschki, Crimson Rambler, Baby Rambler, Dorothy Perkins, etc., **SUITABLE FOR FORCING.**

Immediate Delivery. Prices Right. General Catalog and Price Lists ready.

Bay State Nurseries, North Abington, Mass.

Mention The Review when you write.

47,960 Low Budded Roses in 26 Varieties

I offer for February delivery from my cellars here, the entire Surplus Roses grown by the Heikes-Biloxi Nurseries. No. 1, $95 00 per 1000; No. 1½, $65.00 per 1000.

Privet Cuttings, $1.25 per 1000; 10,000 for $10.00. Correspondence solicited.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Manetti

STOCKS, now ready, $8.50 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

Mention The Review when you write.

EVERGREEN

An **Immense Stock** of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited

THE WM H. MOON CO., MORRISVILLE, PA.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

TREES AND SHRUBS

We make especially low prices on nursery stock to Parks, Cemeteries, etc.

Wholesale price list on application.

We carry immense quantities of the finest named varieties of peonies.

Peterson Nursery, 504 W Peterson Ave., **Chicago**

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LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

PACIFIC COAST.

Los Angeles, Cal.—The flower venders have been debarred from selling on the street, pending a decision of the city attorney as to what class of licensees they belong in.

SAN FRANCISCO.

The Market.

Bright, warm weather is making everything extremely plentiful in the cut flower line. Violets are in their glory and the price has fallen twenty-five per cent during the last week, with an improvement in the quality of the blooms. Carnations, too, are beginning to show the advent of more desirable weather by richness of color and stiffness of stem. Roses are scarce yet and it will be a month at least before they will be in corresponding supply.

The greatest increase, however, is noticeable in bulbous stock. Narcissi, of the white variety, can be had at $5 per thousand and daffodils, both single and double, from $6 to $7.50 per thousand. Freesias are well to the front and cost the stores from $1 to $2.50 per hundred. Roman hyacinths are not in as good demand as in former years and valley moves slowly. A few early tulips are seen and there is a good demand for cut cyclamen, especially of the white varieties.

The new crop of adiantum will shortly be fit to cut and it will be a great relief to the retailers, as they have had much trouble for the last three months in getting sufficient green stuff with which to carry on business.

The state of trade is fair. Funeral work has been heavy with a large proportion of the dealers, with a good sprinkling of other lines of trade.

Various Notes.

John Jack, recently gardener to Lieutenant Winship, at Ross station, has accepted a position with the Sharon estate at Menlo Park.

William George, of Elmhurst, is cutting some of the finest daffodils ever sent to the San Francisco market. The soil in his neighborhood seems to be particularly adapted to their growth.

W. J. Graham, the well-known landscape gardener, of East Oakland, has embarked in the business of growing early cucumbers under glass. He has one large house planted and will shortly commence the erection of another.

Carl Swanson, for many years foreman for the Cox Seed Co., at Glen Echo, has branched out in landscape gardening on his own account.

D. J. Briggs, for many years interested in the nursery business in southern California, will locate permanently in the vicinity of San Francisco in the near future.

John McLaren estimates that it will take $175,000 to repair the various city parks and replant the shrubbery and grass plots, as well as at least two years of time, before they are in as good condition as they were before the advent of the camping of the refugees.

Alexander Frey has returned to the business and has taken a position with Gill's Floral Depot, Oakland.

The perplexing question of fuel, which has been a source of considerable anxiety to most of the growers, has been partially solved by the weather, which, although dark and rainy, has not been cold; so that depleted stocks have been saved entire annihilation for the time being.

John Becanne, of Alameda, reports trade fair in his town in the retail line. Mr. Becanne is one of the pioneers in this part of the world.

G. B. Lull, state forester, has sent out circular letters to all California nurserymen, inquiring as to the available stocks of the various varieties of eucalyptus on hand.

G.

SPOKANE, WASH.

C. E. Balzer, city florist, has a plan for beautifying Manito park and at the same time honoring the international convention of the Baptist Young People's Union, which meets here July 4 to 7 and which will be attended by delegates from all over the world. He will plat a 3-acre tract in the midst of the park, which will be planted to flowers with artistically aranged walks. The garden will lie on a knoll, with the highest point in the center. The crowning feature will be the emblem of the society complete in every detail, lettering, color scheme and all. The motto, "B. Y. P. U., Loyalty to Christ," and the stars and stripes of the United States shield, which is a part of the emblem, will be shown. The emblem will be 12x12, standing upright. The plants used will be chosen with respect to the various colors needed.

EVERGREEN HEDGES.

With the advent of a great deal of building and the laying out of grounds in this vicinity, it is noticeable that in many of our finest places the evergreen hedge is again much in evidence. For many years they have not been much planted, but the fact that there is a brisk demand at present for almost anything that is suitable for such a purpose is worthy of comment. Twenty-five years ago no one thought his planting was complete without a Monterey cypress hedge around it, and the fact that it could be kept at any desired height for any length of time argued much in its favor. About ten years ago many of our finest hedges were attacked by a small green aphis and thousands of trees died in a short time. They did not usually attack all the trees in a hedge, but picked out a few here and there, and these speedily died, leaving ugly gaps to be filled in with smaller trees. This blight continued here for several seasons and eventually disappeared, and has not been seen for at least five years. Many hedges were cut out and burned up and some other evergreen planted, or the hedge proposition dispensed with entirely.

There is now, however, a decided reaction in favor of hedges of some sort and, while the native Monterey cypress is not planted as freely as in former years, it still finds some favor for that purpose.

Pittosporums are being largely used, and of the various varieties suitable P. Eugenoides and P. tenuifolium seem to be the most valuable. The former sort has a large lemon-colored leaf, but does not make as dense a hedge as the other kind. Both grow readily from seed and are easily transplanted, and when once established they stand pruning very well. They can be kept at a reasonable height with but little trouble.

The Laurus Tinus is also a good tree for this purpose, and, in addition, is covered with masses of white blossoms continuously. California privet is not much used here, although it makes a

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for present delivery are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 18,000 seeds, $20.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

Greens

A crate of finest **HUCKLEBERRY** delivered to you, express prepaid, for $5.00. Will please you. Green and bronze, and first-class. **Cheap, too.**

S. L. Harper, Florist, 912 C St., Tacoma, Wash.

Mention The Review when you write.

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong, field-grown divisions, **true to name**, $2.50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal.

Mention The Review when you write.

HOLLAND BULBS

Young man who knows how to grow Dutch bulbs, experience in Holland and this country; best references. Wants position in this line by April, along the Pacific coast preferred. State wages and full particulars. **L. Van der Linden, care Carl Purdy, Ukiah, Cal.**

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Cyclamen Per. Giganteum, 2-in., $5 per 100.

Cineraria, Prize Strain, 4-inch, $4.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Hybrid Delphinium, Burbank's Strain, all shades of blue. This strain has been much improved the past year. 25c per 1000 seeds; $1.50 per oz.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.

205 N. Broadway, LOS ANGELES, CAL.

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BEACON CARNATION

ORANGE-SCARLET

Do you want to keep the "Blues" and grow Beacon? You can't do both

ORIGINATED AT ELLIS, MASS.

Has been Tested Four Years

AND PROVED TO BE

Of Great Commercial Value

If you plant Beacon, your help will have to hustle or put in extra time picking flowers

Commencing to bloom early in the fall, it gives a profusion of flowers for Christmas (when scarlet is in demand at remunerative prices) and **CONTINUES THROUGHOUT THE WINTER MONTHS.** It may not score so high on the exhibition table as some, but **WILL FIGURE UP ON THE RIGHT SIDE OF YOUR LEDGER** in a manner highly satisfactory.

The blooms, under ordinary culture, average 2¾ to 3 inches in diameter, the guard petals are broad, well arranged and of good substance, the center loosely arranged and not too full. Color scarlet with a dash of orange, which lightens up the flower, especially during dull, dark weather, making it very brilliant and attractive. The stem is long, stiff and wiry. Calyx long and seldom bursts (less than four per cent last winter.) It propagates easily. The plant is a vigorous, healthy grower, of ideal habit, and a most profuse bloomer. A night temperature of 50 to 52 degrees suits it admirably.

A Bench of BEACON in Full Bloom is a Sight not Easily Forgotten

PRICES—Per 100, $12.00 (50 at 100 rate); per 1000, $100.00 (250 at 1000 rate); per 2500, $95.00 per 1000; per 5000, $90.00 per 1000; per 10,000, $80.00 per 1000. In lots of 20,000 or more, cash with order or received prior to shipment, $75.00 per 1000.

WE ARE PREPARED TO MAKE PROMPT DELIVERY

COTTAGE GARDENS CO. QUEENS, N. Y.

PETER FISHER ELLIS, MASS.

Mention this paper.

Mention The Review when you write.

splendid screen and is of the easiest culture and stands trimming well.

Rose hedges are also in great favor at present and many thousands of Agrippina, Hermosa, Cecil Brunner, Gloire Lyonnaise and Duchess de Brabant will be planted this season. These are really the best roses for this purpose, as they need no support, have plenty of foliage, are constant bloomers and stand trimming well. The Agrippina is by far the most showy rose to use for this purpose, and a hedge of it is one of the most beautiful objects imaginable.

Both dwarf and tree box are in favor again and are being largely used for low hedges and borders. They have an old-fashioned air about them, but there is nothing that will take their places when a low effect is desired. G.

OAKLAND, CAL.—G. Symacopulos, 1230 Broadway, has been in the florists' business in Oakland for ten years. He has quite a range of glass.

ROOTED

Carnation Cuttings

	Per 100	Per 1000
Mrs. T. Lawson	$1.50	$10.00
Lady Bountiful	2 50	17.50
White Lawson	2.50	20.00
White Perfection	5.00	45.00
Victory	5 00	45.00
Robt. Craig	5.00	45.00
Helen Goddard	5 00	45.00
President	2.50	20.00
Morning Glory	1 50	12.50
Lieut. Peary	2.50	20.00
Enchantress	2.00	18.00

Eli Cross, Grand Rapids, Mich.

A. F. J. BAUR. **F. S. SMITH.**

OUR price list of Carnation Cuttings and other plants has been mailed. We have a few hundred left. If you did not receive one of them, send us your name and address. Now is the time to place your orders for Carnation Cuttings. Our list embraces the best new and standard varieties. It will pay you to keep your stock up-to-date. B. & S. cuttings and plants thrive.

BAUR & SMITH

38th St. and Senate Ave., INDIANAPOLIS, IND.

Mention The Review when you write.

Carnation Cuttings

For February Delivery.	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60 00
Helen Goddard	6 00	50.00
Robert Craig	6.00	50 00
Queen Louise	1.25	10 00

W. B. GIRVIN, Leola, Pa.

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ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12 50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var	$2.00	$15 00
Moonlight	2.00	15 00	L. Bountiful	2 50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12 50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now will be ready for February and March delivery. Send for price list.

VALLEY VIEW GREENHOUSES,

VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

Mention The Review when you write.

CARNATION CUTTINGS, Ready For Immediate Shipment.

VICTORY	per 100,	$6.00	per 1000,	$50.00	LADY BOUNTIFUL	per 100,	$3.00	per 1000, $25.00
PINK PATTEN	"	5.00	"	40.00	ENCHANTRESS	"	2.50	" 20.00
VAR. LAWSON	"	4.00	"	30.00	B. MARKET	"	1.50	" 12.50

We can also give you immediate delivery on Winsor, one of the best novelties ever offered to the trade. Send for complete list of varieties.

JENSEN & DEKEMA, ... 674 W. Foster Avenue, CHICAGO

Mention The Review when you write.

INDIANAPOLIS.

Current Comment.

At present writing the weather conditions are more favorable than at any time so far this year. Consequently stock is more plentiful and with the brighter days the quality will soon be what it should have been all the season. Carnations and bulb stock can be had in quantity. Roses, however, are scarce; the same applies to home-grown violets.

At the last meeting of the Florists' Association, held in A. Wiegand & Son's store, it was decided to hold a spring show some time in April. A committee will be appointed and details arranged at the March meeting.

Several of the craft and their families are experiencing a touch of the grip, a visitation that can be dispensed with.

Mr. Hasselman is at present on an extended tour of the west and Pacific slope. He is expected home about the middle of March.

Frank Hasselman had fine success at the poultry show, where he captured several prizes in the different classes for pigeons.

The March meeting of the Florists' Association will be held March 5 at Baur & Smith's greenhouses. S.

SPRINGFIELD, OHIO.

The Springfield Florists' Club met February 11, when a paper by O. F. Serviss, assistant postmaster, was read on "Postal Rules," a matter in which florists doing a mail order business are vitally interested. The meeting was held at the office of John Good, of the Good & Reese Co.

A number of local florists went to Urbana February 6 to attend a banquet given by Roger Murphy and sons at their Urbana greenhouses. Those in the party were John M. Good, Ipha Jackson, George H. Mellen, Edward Kriegbaum, Joseph Campbell, H. C. Reeser, Charles Schmidt, Charles Niuffer, Ward Welsh and Lou Campbell.

ARDMORE, I. T.—G. A. Drain says the trade of local florists is injured by the competition of mail-order houses, whose catalogues flood the county.

ATCHISON, KAN.—E. S. Snell reports that the long spell of cloudy weather has nearly ruined his lettuce crop. Thrips, which he says are bad in cloudy weather, have appeared on the lettuce.

Carnation Plants

2-inch Pots

VERY NICE

March 1, Delivery

	Per 100
Thomas Lawson	$3.00
Lady Bountiful	3.50
Enchantress	3.50
White Lawson	3.50
Boston Market	3.00
The Queen	3.00
Harlowarden	3.00

United States Cut Flower Co.

ELMIRA, N. Y.

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12 in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes, 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4.50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

Mention The Review when you write.

ROOTED CUTTINGS Per 100, Prepaid.

Ageratum, 2 kinds, 60c. **Vinca var.,** 90c, $7.50 per 1000. **Hardy Pinks,** Her Majesty, $1.00; Abbottsford, 75c. **Alternantheras,** red and yellow, 50c. **Heliotropes,** blue, 85c. **Verbenas,** mixed, 60c. Cash

Ferns, Scottii and **Piersoni,** 2¼-in., 3c.

Seedlings, ready to pot. Dreer's best seed:

Verbena, giant mixed, 35c per 100, prepaid; $3.00 per 1000, express.

Salvia Splendens, 35c per 100, prepaid; $3.00 per 1000, express. Cash.

SHIPPENSBURG FLORAL CO.. Shippensburg, Pa.

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CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.00
Geraniums, 10 var. my selection, 2-2½-in.	3.00
Asp. Plumosus and Sprengeri, 2-in.	1.75
Pansy Plants, $3.00 per 1000, from frames	.50

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

Always mention the Florists' Review when writing advertisers.

Seasonable Stock

	100	1000
Baby Primrose, 2½-in.	$2.00	
Carex Japonica, 2½-in.	2.50	
Coleus, 10 sorts, 2½-in.	1.80	$15.00
Geraniums, 2½-in., Jno. Doyle, La Favorite, Jean Viaud, S. A. Nutt, Heteranthe, Mme. Salleroi	2.50	25.00
Heliotrope, purple. 4 good sorts, 2½-in.	2.50	
Vinca Variegated, 4-in.	7.00	
Violets, 2½-in., Princess of Wales, California and Luxonne	2.50	20.00
Hardy Pink Hibiscus, Moscheutos, 1-year-old field plants, fine stock	3.00	25.00
Hardy Hibiscus, crimson eye, 1-year-old field plants	2.50	
Ferns, Boston, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Piersoni, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Scottii, 2½-in.	3.00	

ROSES, 150 sorts, 2½-in. and 4-in. Write for prices. Send for our General Trade List of Roses, Carnations, Geraniums, Mums, Miscellaneous Bedding plants, Coleus, Cannas, Hardy Shrubbery and Plants, Palms and Miscellaneous Flowering and Ornamental plants. **Send for it today.**

SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO

Mention The Review when you write.

First-class CARNATION CUTTINGS that will give satisfaction

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$15.00
Cardinal	25.00	Mrs. Lawson	15.00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

5 per cent discount for cash with order.

HENRY BAER, R. F. D. 3, **Peoria, Ill.**

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CARNATION CUTTINGS READY

FINEST, CLEAN, HEALTHY STOCK	100	1000
Robt. Craig, Candace	$5.00	$40.00
Enchantress	2.00	18.00
Crusader	1.75	12.50
Boston Market, Harlowarden	1.50	10.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00

Unrooted cuttings Harlowarden and Boston Market, $5.00 per 1000.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

Mention The Review when you write.

Roses Fine three and four-eye cuttings, cool-grown and well rooted.

	Per 100	Per 1000
1500 Bride	$1.50	$12.50
1500 Maid	1.50	12.50
200 Chatenay	1.50	
400 Golden Gate	1.50	

CRABB & HUNTER FLORAL CO.

509-525 Madison Ave., Grand Rapids, Mich.

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Always mention the Florists' Review when writing advertisers.

ROOTED CUTTINGS OF ROSES

Richmond	per 100, $1.50	per 1000, $12.50	Carnot	per 100, $2.50	per 1000, $20.00
Kaiserin	" 2.50	" 20.00	Bride	" 1.50	" 12.50
Perle	" 2.50	" 20.00	Bridesmaid	" 1.50	" 12.50
MacArthur	" 2.50	" 20.00	Chatenay	" 1.50	" 12.50

ROOTED CUTTINGS OF CARNATIONS

Enchantress	per 100, $2.50	per 1000, $25.00	Gov. Wolcott	per 100, $1.50	per 1000, $15.00
Lady Bountiful	" 2.50	" 25.00	Prosperity	" 2.00	" 15.00
Lawson	" 1.50	" 15.00	Harlowarden	" 2.00	" 15.00

OUR CUTTINGS ARE ALL STRONG, HEALTHY AND WELL ROOTED.
We sell 500 at 1000 rate. All Cuttings Shipped from HINSDALE, ILLINOIS.

Bassett & Washburn Store and Office, 76 Wabash Ave., Chicago
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

Chrysanthemum Novelties

Miss Clay Frick

(the White Duckham), young stock now ready, 2½-in. pots, the finest stock you ever bought of a new variety.

My list is mailed you. If you did not receive it write me.

CHARLES H. TOTTY
Madison, N. J.

Mention The Review when you write.

Clean, Healthy, Well Rooted

Carnation Cuttings

READY NOW

	Per 100	Per 1000
Victory	$6 00	$50.00
Enchantress	2.00	18.00
White Lawson	3 00	25.00
Lady Bountiful	3.00	25.00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12 50
Boston Market	1.50	12.50

VAUGHAN & SPERRY
58-60 Wabash Ave. CHICAGO

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MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. No discount. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

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FINEST OF YOUNG STOCK

Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 1908.

American Beauty, rooted cuttings, $8.50 per 100; $3 00 per 1000. March delivery.

American Beauty, 2 or 2½-in., $7.00 per 100; $60.00 per 1000. April and May delivery.

	R. C. per 1000	2½-in. per 100	2½-in. per 1000	3½-in. per 1000
Maid	$18.00	$4 50	$40.00	$55.00
Bride	18.00	4 50	40.00	55.00
Gate	18 00	4 50	40.00	55.00
Uncle John	18.00	4 50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4 50	40.00	55.00
Perle	20 00	5.00	45.00	60.00
Sunrise	20.00	5.00	45.00	60.00
Rosalind Orr English	20.00	5.00	45 00	60.00
Kaiserin Augusta Victoria	4.50	40.00		55.00

CARNATIONS

	Rooted Cuttings per 100	Rooted Cuttings per 1000	2½-in. per 100
White Lawson	$3.00	$25.00	$4.00
L. Perry	3.00	25.00	4.00
Gov. Wolcott	2.50	20.00	3.50
Pink Lawson	2.00	17 50	3.00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25 00	5 00
Red Lawson	4.00	35.00	5 00
Prosperity	2.50	20.00	3.50
Patten	2 00		
Variegated Lawson	4.00	35.00	5.00
Glendale	5.00		6.00
Craig	4 00	30.00	6.00
Harlowarden	2.00	15 00	
White Perfection	6.00	50.00	7.50
Lady Bountiful	3.50	30.00	
Boston Market	2.00	15.00	

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.

1,000,000 FEET OF GLASS

Send Cut Flower Orders to
35 Randolph St., CHICAGO.

Send Plant Orders to Greenhouses,
Morton Grove, Ill.

Mention The Review when you write.

To My Friends and Patrons

BE PATIENT

I will fill your orders for

Rose-Pink Enchantress

in good time and with first-class stock. For the present and until further notice I have discontinued booking additional orders for Rose-Pink Enchantress.

S. S. SKIDELSKY
824 No. 24th St., PHILADELPHIA, PA.

Mention The Review when you write.

CARNATION

HELEN GODDARD

Rooted cuttings ready now.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

ROOTED CUTTINGS
CARNATION

Helen Goddard

Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Fenn	20.00
Red Sport	25.00	Mrs. Patten	20.00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

Mention The Review when you write.

Rooted Cuttings

Enchantress	per 100,	$2.50
Lawson	"	3.00
The Queen	"	3.00
Wolcott	"	3.00
Queen Louise	"	1.00

B. E. Wadsworth, Box 224, DANVILLE, ILL.

Mention The Review when you write.

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST.

JOHN E. HAINES, BETHLEHEM, PA.

TWIN CITIES.

The Market.

The fore part of last week it was still very cold, but Wednesday the mercury started to work upward and a change in trade was noticed. Violets and bulb stock were then in demand. Thursday made up for all shortcomings, for every retailer in St. Paul had about all the funeral work he could conveniently turn out for the funeral of Postmaster Flower. It is closely estimated that there was between $1,000 and $1,500 worth of flowers used for the occasion. The market was affected to some extent and stock was quite scarce two succeeding days. Prices have kept up nicely. The home supply of carnations has fallen short of the demand and outside markets are supplying us. Violets are shipped here in large numbers, for the demand is good.

St. Paul.

Colberg & Lemke are displaying some nice Valentine's baskets. Business on that day every year, they say, shows up in good shape.

L. L. May & Co. are putting up some unique window displays, using baskets of flowers. A large crescent wreath of magnolia leaves draped with green chiffon attracts attention. They turned out some handsome arrangements for Postmaster Flower's funeral.

Holm & Olson report a big trade and supplied a great many sprays for the postmaster's funeral. They have had some fair decorations.

Charles F. Vogt furnished a large standing wreath sent by the mailing department of the post-office and which was highly commented on.

One of the most peculiar pieces sent to the postmaster's funeral was a crown of an azalea, evidently in full bloom when it left the florist's, but the blooms had been shaken off in delivery. In the center of the plant were perhaps 300 violets and the stock of the plant tied with a satin ribbon to match. It was no doubt the choice of the customer, but unquestionably an odd piece.

Minneapolis.

Oscar Amundson, of Amundson & Kerschner, buried his father February 7. Ashton Kerschner visited St. Paul and found the trade all busy.

James Soudan, of the Wm. Donaldson Co., says business is fine and is well pleased with the appearance of his Easter stock.

The Whitted Floral Co. reports a satisfactory business and sent a large piece to St. Paul for the postmaster's funeral, made of American Beauties and violets.

The New York Floral Co. keep good window displays. They have from 500 to 1,000 carnations in them at all times, and as they have a prominent location, dispose of large numbers daily.

FELIX.

VERBENAS 60 FINEST VARIETIES PERFECTLY HEALTHY

Rooted cuttings, our selection.....$0.75 per 100; $6.00 per 1000
Plants, our selection..... 2.50 per 100; 20.00 per 1000
Rooted cuttings, purchaser's selection..... .90 per 100; 8.00 per 1000
Plants, purchaser's selection..... 3.00 per 100; 25.00 per 1000

CARNATIONS CHOICE ROOTED CUTTINGS FREE FROM DISEASE

Robt. Craig, scarlet, very productive; **My Maryland,** pure white, good stems; **Cardinal,** scarlet, good flowers; **Jessica,** white, penciled with scarlet, price $6.00 per 100; $50.00 per 1000.

Crisis, Lady Bountiful, Enchantress, price $3.00 per 100; $25.00 per 1000.

Mrs. M. A. Patten, Judge Hinsdale, Flamingo, Buttercup, price $2.00 per 100; $20.00 per 1000.

Mrs. Thomas Lawson, The Queen, price $2.00 per 100; $17.50 per 1000.

Golden Beauty, Prosperity, Gov. Roosevelt, Queen Louise, price $2.00 per 100; $15.00 per 1000.

Mrs. E. A. Nelson, Dorothy, Wm. Scott, Flora Hill, Ethel Crocker, Eldorado, Mrs. Joost, Portia, price $1.50 per 100; $12.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,

$120.00 per 1000.

—Order now.—

ROBERT SCOTT & SON,

SHARON HILL, DEL. CO., PA.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 100		Per 1000
Red Lawson	$25.00	Enchantress	$18.00
White Lawson	20.00	Candace	50.00
Pink Lawson	10.00	Robert Craig	50.00
Varieg'd Lawson.	25.00	Cardinal	25.00
Fiancee	25.00	Estelle	15.00
Mrs. Patten	20.00	Lord	10.00
Jessica	45.00	Harlowarden	15.00
Lady Bountiful	18.00	Prosperity	15.00
My Maryland	40.00	Boston Market	10.00

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

ROOTED CUTTINGS

JOHN E. HAINES, the best commercial scarlet for the general grower, as productive as any carnation grown, starts in early and keeps blooming until thrown out in July. In quality, color and stem it is a top-notcher. $6.00 per 100; $50.00 per 1000.

ALBERT M. HERR, Lancaster, Pa.

Mention The Review when you write.

Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery in January. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK, LONG ISLAND, N. Y.

Mention The Review when you write.

Ferns From Bench

Tarrytown, 2¼-in., 4c; 3-in., 10c; 4-in., 15c; runners, $1.50 per 100.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds, $1.00. Paris Daisy, giant white, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds 50c. Flowering Begonias, 8 kinds, $1.25. Rex Begonias, 20 kinds, mixed, $1.25. Mums—Tranter, Alliance, Weeks, Enguehard, $1.25. Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa**

Mention The Review when you write.

The Best Commercial White Mum

White Maud Dean

Grown by The William Scott Co., Buffalo, N. Y.
Strong, well rooted cuttings, ready March 1, $10.00 per 100. Offered by

S. S. SKIDELSKY, 824 N. 24th Street, Philadelphia, Pa., and **WM. F. KASTING,** Buffalo, N. Y.

Mention The Review when you write.

ROSES

We have 50,000 now in 2-inch, about ready to shift. Send orders in now and say when you want shipped.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000		100	1000
White Perfection	$6.00	$50	The Belle	$2.50	$20
Light Pink Lawson	6.00	50	White Lawson	2.50	20
Glendale	6.00	50	Enchantress	2.50	20
Victory	6.00	50	Mrs. T. Lawson	2.00	15
Robt. Craig	6.00	50	Nelson Fisher	2.50	20
Cardinal	4.00	35	Harry Fenn	2.00	15
Fiancee	3.50	30	Estelle	2.00	15
Lady Bountiful	2.50	20	Boston Market	1.50	12
			White Cloud	1.00	8

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG

Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.

Asparagus Plumosus, 3-in., $5 00; 4-in., $8.00; 6-in., $20.00.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

STOCK FOR SALE.

4-inch Vinca, variegated	per 100,	$5.00
2-inch Vinca, variegated	"	2.00
4-inch Boston Fern	"	10.00
4-inch Piersoni Fern	"	10 00
3-inch S. A Nutt Geranium	"	3.00
3-inch La Favorite Geranium	"	3.00
2½-inch Red Achyranthes	"	2.50

Cash, please. **Tipton Floral Co., Tipton, Ind.**

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

FUCHSIAS Little Beauty, strong, 2¼-in., $4.00 per 100. Ready now.

COLEUS

10 varieties, including Verschaffeltii and Golden Bedder. Absolutely free from mealy bug. Ready now. 2-inch, $2.50 per 100.

Cash with order.

Lakeside Greenhouses, Erie, Pa.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 8-in., $7.00 per 100: 2¼-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER

1101 Fifth Ave. PEORIA, ILL.

Formerly Cation Greenhouse Co.

Cinerarias

We have an extra fine lot now in 2½, 3 and 4-in. for Easter blooming and will make a special price for all orders received up to February 10. 2½-in., regular $5.00 at $3.50; 3-in., regular $8.00 at $6.00; 4-in., regular $12.50 at $10.00. Cash please.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

Finest Stock

of **Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States.** Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

Mention The Review when you write.

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
LIGHT PINK		
Enchantress	2.50	22.50

WHITE	Per 100	Per 1000
Boston Market	$1.25	$10.00
Lady Bountiful	2.00	17.50
White Lawson	3.00	25.00
RED		
Robert Craig	6.00	50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Sunrise	3.00	25.00

	Per 100	Per 1000
Uncle John	$1.50	$12.50
Chatenay	1.50	12.50
Ivory	1.50	12.50
Perle	2.00	17.50

BENCH PLANTS

One-year-old plants from benches, Liberty, Ivory, Perle, ready now, $5.00 per 100; $40.00 per 1000. American Beauty, March delivery, $10.00 per 100; $75.00 per 1000.

Peter Reinberg

51 Wabash Ave., CHICAGO

Mention The Review when you write.

CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

NEW DOUBLE PETUNIA

THE QUEEN

a wonderful bloomer; flowers from four to four and one-half inches in diameter; white mingled with purple, nicely fringed; an early bloomer; fine seller for Decoration Day; planted outdoors will bloom all summer. Strong plants, ready Feb. 15, $1.50 per doz.; $10.00 per 100; $90.00 per 1000.

THE YATES FLORAL CO.

Joseph Traudt, Prop. Canajoharie, N. Y.

Scranton Florist Supply Co.

SCRANTON, PA.

Mention The Review when you write.

Nephrolepis

Whitmani, 2¼-in. $10.00 per 100

Boston, 2¼-in. 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

Mention The Review when you write.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses. Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Always Mention the....

Florists' Review

When Writing Advertisers.

CINCINNATI.

The Market.

After a long and weary wait we are having what we ought to have had long ago; that is, fine, bright winter weather. After the long period of cloudy weather the plants were in such a condition that the sun caused them to wilt right down, and so it had a bad effect for a while, but they rapidly recovered and now a marked improvement can be seen, especially in the carnations, which will soon be blooming in fine style. It will be some time before the roses will be doing what they ought to do. They bloomed so strong in the late fall and early winter that it is only reasonable for them to have a rest now.

The condition of the market is much the same as last reported. The shortage is still with us, but toward the end of last week the demand decreased quite a good deal. The demand for bulbous flowers has been fine, owing to the scarcity of other stock, and the price obtained for them has been satisfactory. George & Allan, who grow large quantities of bulbous stock, have been reaping a harvest. Some fine Dutch hyacinths are coming in and they sell well at $4 to $6. They are in all colors.

Society Meeting.

The regular monthly meeting of the Florists' Society, which was called for February 9, proved to be a disappointment, as not enough members responded to make a quorum until so late that a meeting was not held.

There is plenty of enthusiasm for having a good big flower show in this city next autumn. Every one seems to think that this city is ripe for such a show. They think that there would be no trouble to get the kind of stock to make the show. But when you begin to talk of raising the money to back up the show, there is nothing doing. The financial part of a flower show is where the trouble comes in. So, from the present outlook, the chances of there being a flower show in this city next autumn are slim. No one is willing to go ahead without the backing and the chances of getting that are small. C. J. Ohmer.

Kankakee, Ill.—A. H. Burt has been seriously ill with pneumonia since January 29.

Moline, Ill.—The Moline Floral & Confectionery Co. is about to open a first-class store in the Moline theatre building. The firm is composed of Mrs. Frank Hurst, who will manage the store, and Henry G. Klehm, of Klehm's Nurseries, Arlington Heights, Ill.

ROSES ROOTED CUTTINGS MARCH 1.

Bride — Bridesmaid
Mme. Chatenay — Uncle John
Richmond — Golden Gate
$2.00 per 100; $15.00 per 1000.

LEADING VARIETIES OF

CHRYSANTHEMUMS

Rooted cuttings, ready March 15, $2.00 per 100; $15.00 per 1000.

CHICAGO CARNATION CO.
A. T. PYFER, Mgr. JOLIET, ILL.
Mention The Review when you write.

FUCHSIAS

Black Prince
Mrs. Gladstone
Marinka
Speciosa
Minnesota — Lieut. Mauritz — White Phenomenal — Elm City
Rose Phenomenal — Minister Boucher — $2.50 per 100
Our selection, 6 varieties, 1000 for $20.00.

Hardy Pompon Chrysanthemums

Large-Flowering or Aster varieties.....$3.00 per 100
Small-Flowering or button varieties..... 2.00 per 100
1000 our selection of 50 varieties, all sorts for $20.00.

MISCELLANEOUS GREENHOUSE PLANTS

	Per 100		Per 100
Ageratums, Inimitable	$3.00	Lobelia Crystal Palace Gem	1.50
" Stella Gurney	2.00	Hardy English Ivy, extra strong	2.00
" dwarf white	2.00	Panicum Variegated, for hanging baskets	2.00
Alternantheras, red and yellow, 5 var.	2.00	Senecio Scandens, Parlor Ivy	2.00
Begonias, Vernon, white and pink	2.00	Tradescantia, dark variegated	2.00
Lemon Verbenas, Aloysia Citriodora	2.00	Dahlia Roots, mixed	4.00

CASH WITH ORDER.

A cordial invitation is extended to all interested in Horticulture to visit us. Cowenton Station, Philadelphia division, B. & O. R. R., 12 miles north of Baltimore.

R. VINCENT, Jr. & SON, White Marsh, Md.

Ageratum

Little Blue Star, a new dwarf. R. C., 75c; 2¼-in., $2.00 per 100.
Alternantheras, in best four varieties. Can supply in 1000 and 10,000 lots.
Asparagus Plumosus, 2¼, 3 and 4-in., $3.00, $6.00 and $9.00 per 100.
Asparagus Sprengeri, 2¼, 3 and 4-in., $2.00, $4.00 and $8.00. Special prices in on 1000 lots.
Cannas—150 000 in the 50 best varieties. Descriptive list now ready.
Perennial Plants—50,000 field and pot-grown. Descriptive list now ready.

The MOSBAEK GREENHOUSE CO.
ONARGA, ILL.
Mention The Review when you write.

IMPORTANT ANNOUNCEMENT
To Florists and Gardeners
Our Wholesale Catalogue for 1907
has been revised and many important tables included.
This Valuable Book Has Now Been Mailed Only to Our Customers
of 1903, 1904, 1905, 1906.
If interested, send for a copy.
NATHAN SMITH & SON, ADRIAN, MICH.
Mention The Review when you write.

ALTERNANTHERAS

Strong rooted cuttings; red and yellow, 50c per 100; $4.00 per 1000.
BRILLIANTISSIMA (the best red), 60c per 100; $5.00 per 1000.

DAVIS BROS., — Morrison, Ill.
Mention The Review when you write.

WE ARE BOOKING ORDERS FOR
NEPHROLEPIS AMERPOHLII
THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.
JANESVILLE FLORAL CO., Janesville, Wis.
Mention The Review when you write.

List of Seasonable Stock
OFFERED BY
D. U. AUGSPURGER & SONS
Box 778, Peoria, Ill.

	100	1000
Boston Ferns, all sizes. Write for prices on large or small quantities.		
Pierson Ferns, 2½-in	$4 00	
Plumosus, 3-in	7.00	
Sprengeri, 2-in	2.50	$25.00
Feverfew, 2-inch	2.50	
Vinca Var., 2-inch	3.00	25.00
Lemon Verbena, 3-inch	6.50	
Coleus, rooted cuttings, red and yellow	1.00	7.50
Geraniums, 3-inch, in dark red, scarlet, etc. for March delivery	6 00	55.00

Hydrangeas for Easter blooming in 6, 8 and 9-inch pots, fine plants. Write for our prices.
All above stock is clean and well grown.
SATISFACTION GUARANTEED.
Mention The Review when you write.

Wholesale Trade List

Asparagus Plumosus, 2½-in. pots, $3.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Geraniums, best varieties, strong plants, 3-in. pots, $4.00 per 100.
Geraniums, rooted cuttings from soil, $2.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
Rooted Cuttings, dark blue heliotropes, Salvia Bonfire, Fuchsia Elm City, blue and white Ageratum, $1.00 per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.
Mention The Review when you write.

GERANIUMS

1000 S. A. Nutt, 2½-in., $3.00 per 100.
Vinca Var., 500 strong field clumps, $5.00 per 100; rooted cuttings, 90c per 100.
Cineraria Hyb. Gr., 4-in., $1.00 per doz., $6.00 per 100.
Primula Obconica, 5-in., in bloom, 10c each.
Chrysanthemum stock plants from pots, Polly Rose, Glory of Pacific, Robinson, Balsley, Bloodgood, Gold Mine, Intensity, 4c each.
Cannas, Mme. Crozy, Antoine Crozy, Crimson Bedder, Chas. Henderson, Florence Vaughan, 2 to 3 eyes, 2½c each, dry roots. Will exchange for Carnation rooted cuttings of Enchantress, Lady Bountiful, White Perfection, Victory, H. Goddard.

M. M. LATHROP, - Cortland, N. Y.
Mention The Review when you write.

SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KEIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

Palms and Ferns

ASPARAGUS PLUMOSUS

2-inch.....per 100, $3.00
3-inch.....per 100, 6.00
4-inch.....per 100, 12.00

PRIMULA SINENSIS

4-inch.....per doz., $1.50
5-inch.....per doz., 2.00

Write for complete price list.

THE GEO. WITTBOLD CO.
1657 Buckingham Place, CHICAGO

Mention The Review when you write.

DAHLIAS...

15 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, Oban, Queen Victoria, Admiral Dewey, Gloriosa, Frank Smith, Orange King, Catharine Duer, Maid of Kent, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per 100; $45.00 per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

NEW SINGLE GERANIUM SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

Mention The Review when you write.

NEPHROLEPIS WHITMANI,

Strong plants, from 2¼-in. pots, $10.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2¼-in. pots, $5.00 per 100.

P. R. QUINLAN, Syracuse, N.Y.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

70,000 Alternanthera Brilliantissima, red and yellow, September struck, very strong, 60c per 100; $5.00 per 1000.

Salvias, $1 00 per 100; $8 00 per 1000.

Heliotropes, $1.00 per 100; $8.00 per 1000.

Coleus, 70c per 100; $6.00 per 1000.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000.

Double Giant Sweet Alyssum, $1.00 per 100; $8.00 per 1000.

Cupheas, cigar plant, $1.00 per 100; $8.00 per 1000. (Express prepaid on all rooted cuttings.)

G. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

BOSTON FERNS

5-inch, $2.50 per doz. 3-inch. $7.00 per 100.

CANNAS, dormant, with two or three eyes, Alphonse Bouvier, Florence Vaughan, Peter Henderson, Beaute Poitevine, Martha Washington, Mme. Crozy, Queen Charlotte. $2.25 per 100.

Rooted cuttings of **IVY GERANIUM,** mixed, $1.50 per 100.

STEVIA, stock plants, 75c per doz.; $1.00 per 100. Cash with order.

CONVERSE GREENHOUSES, Webster, Mass.

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Canna Roots

1 to 2 eye pieces, per 100, $2.50.

Souv. Crozy, Pennsylvania, Tarrytown, Egandale, Marlboro, McKinley, Trelease, Italia. $15.00 per 100, Louisiana, King Humbert, Papa Nardy, Rubin.

C. M. NIUFFER, Springfield, Ohio

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Buxus, Azalea Indica, Rhododendrons, Evergreens, Herbaceous Plants, Roses, Trained Fruit Trees, Greenhouse Grape Vines.

Ask for catalogue.

BOBBINK & ATKINS, Rutherford, N. J.

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Special For EASTER

We have some fine plants of **Hydrangeas,** that will bloom. 1-year-old, 7-in. pots, 60c to 75c; 2-year-old, 8-in. pots, $1.00 to $1.25; 3-year-old, 9-in. pots, $1.25 to $1.50, if taken at once. **Azaleas,** 60c, 75c and $1.00, for immediate sales. Ask for our Fern, Mum, Carnation and Miscellaneous lists.

GEO. A. KUHL, Pekin, Ill.

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..ORCHIDS..

Importations 1907

Get quotations from us on them — we save you money. Cattleya Mossiae, Gigas, Trianae, Labiata, Schroederae, Vanda Coerulea, Dendrobium Wardianum and Nobile. Write today.

JULIUS ROEHRS CO.
The largest Orchid Growers and Importers in the United States.
Rutherford, N. J.

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ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

ORCHIDS Direct from the Collectors

For Spring and Summer Delivery.

We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids. Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

A. HELD, 11-19 William St., NEW YORK

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

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Randolph, Vt.—H. M. Totman is distributing among his retail customers a souvenir post-card on which is a half-tone of his carnation houses.

Araucarias Our Specialty



OUR LITTLE PETS

From Aschmann, in Philadelphia, we bought
An Araucaria, a pet for our little girl
Now we have two pets, the pride of our thought:
The little girl so sweet, a head full of curls,
And the Araucaria with its everlasting green—
A more joyful home you never have seen.

Araucaria compacta robusta and **glauca** is a perfect marvel of Nature, a wonder of Nature; the brush of an artist cannot paint it any better. Price—6 to 7-in. pots, 4 to 6 years old. 4 to 6 tiers, 25 to 30 inches high and wide, $1.50, $1.75, $2.00 to $2.50 each. Specimen Glauca, 5 years old, 7-in. pots, 6 to 7 tiers, 30 to 35 inches high and wide, $2.00, $2.50 to $3.00 each; 6-in. pots, 3 to 5 tiers, 3 years old, 15 to 25 inches high, $1.00 to $1.25 each.

Araucaria Excelsa 6-in. pots, 5 to 7 tiers, 4 years old, 25 to 30 inches high, $1.00 to $1.50 each.

Kentia Forsteriana

are not scarce with us. We can meet all wants.

Kentia Forsteriana, 7-in. pots, made-up, one large size plant about 45 to 48 inches high in the center and three smaller sizes, 25 to 30 inches high around it, which gives them a good appearance, $2.00 to $2.50 each; 6-in. pots, single plants, 36 to 45 inches high, 5 to 6 good leaves, 4 years old, $1.25, $1.50, $1.75 each; 6-in pots, 32 to 36 inches high, 5 to 6 good leaves, 4 years old, $1.00 each; 5½ to 6-in. pots, 4 years old, 30 inches high, 5 good leaves, 75c each.

Dracaena Bruanti (imported), 30 inches high 6-inch pots, 50c; $5.00 per dozen.

FERNS—All raised in pots and not on bench, as follows:

Nephrolepis Barrowsii, 7-in. pots as big as a bushel basket, 75c to $1.00 each; 6-in. pots, large, ready for 7-in., 50c; 5½-in., 40c; 5-in., 35c; 4-in., 25c.

Boston Ferns, 7-in..very bushy, only 75c; 6-in., 50c or $5.00 per dozen; 5-in., 30c to 35c; 4-in., 20c.

Nephrolepis Scottii, 8-in., as big as a wash-tub, worth $2.00, now $1.25; 7-in., as big as a bushel basket, worth $1.25, now 75c; 6-in., 50c; 5½-in., 40c; 4-in., 20c.

Holly Ferns, 5c.

Azaleas in bud and bloom—Simon Mardner (pink), Deutsche Perle (double white), Vervaeneana (double rose, variegated), 75c, $1.00, $1.25 to $1.50 each.

Areca Sapida, 6-in., 50c each.

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GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., **PHILADELPHIA, PA.**

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The Storrs & Harrison Co.

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A Grand Fern Novelty

We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

WM. P. CRAIG

1305 Filbert Street, PHILADELPHIA

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Nephrolepis WHITMANI

Young plants from bench.

$6.00 per 100.

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Boston Ferns, 2¼-in., $2.50 per 100; $20.00 per 1000. 3-in., $5.00 per 100; $40.00 per 1000.

C. WHITTON, City St., Utica, N. Y.

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	100	1000		100	1000
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Enchantress	2.00	18.00	Lawson.....	1.50	12.50
Queen Louise				1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

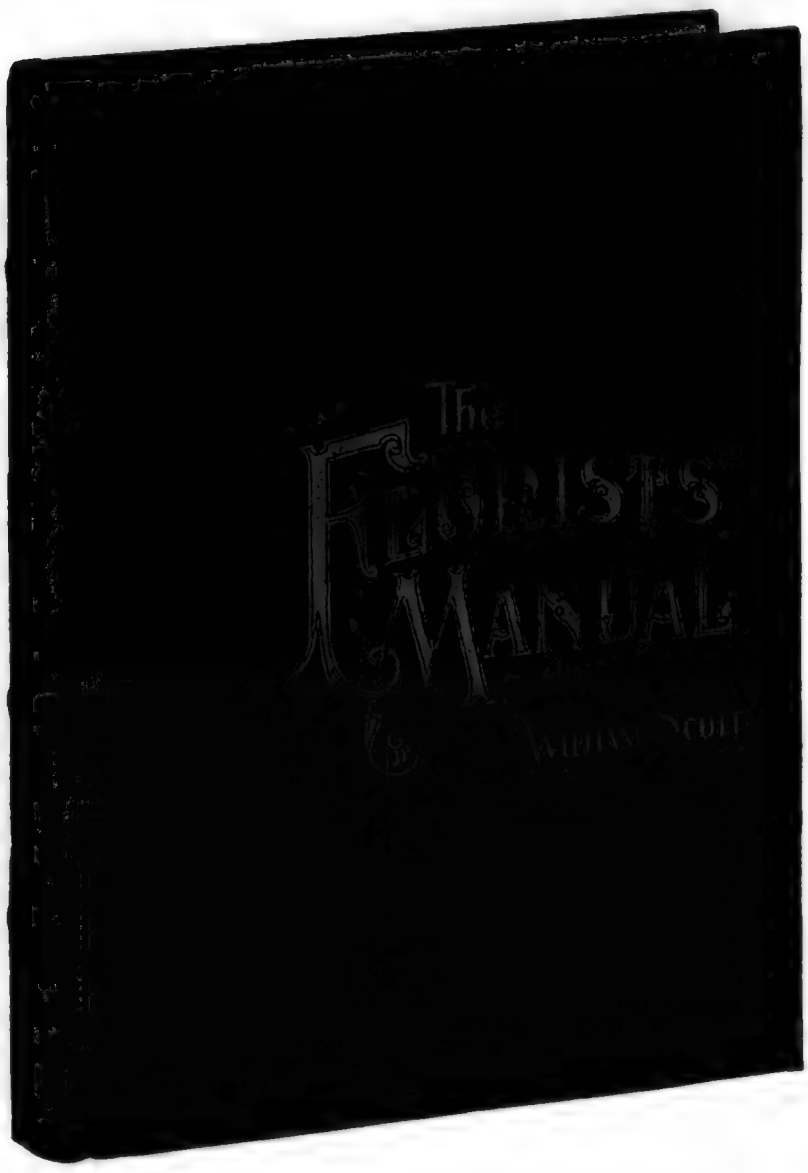
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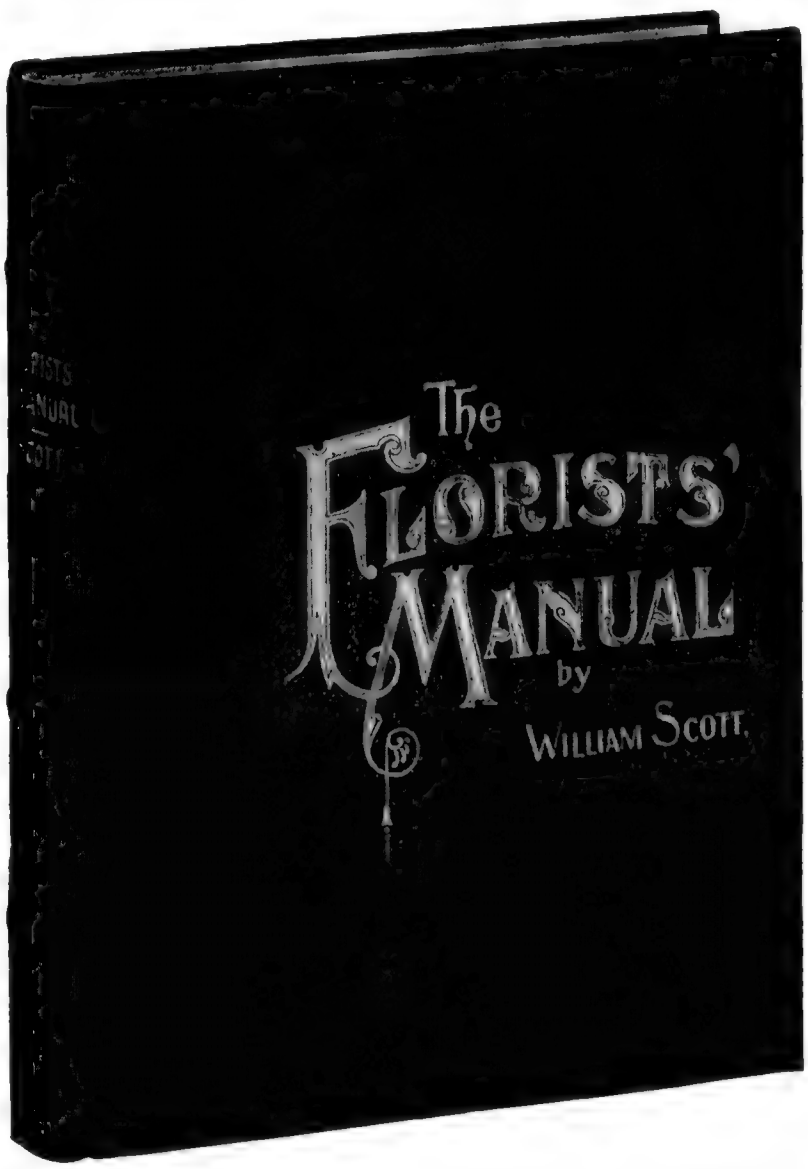
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ACHYRANTHES.

Achyranthes, red, 2½-in., 3c. Yellow, mottled red, 2½-in., 3c.
Hammerschmidt & Clark, Medina, O.

Achyranthes, 2½-in., $2.50 100. Cash.
Tipton Floral Co., Tipton, Ind.

ADIANTUMS.

Adiantum hybridum, for 2½-in. pots, $5.00 per 100; $45.00 per 1000. Orders for future delivery booked if desired.
A. Ley & Bro., Langdon, D. C., or C. W. Eichling, 3442 St. Charles Ave., New Orleans, La.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6½-in. pots, $9.00 to $24.00 per doz.
Julius Roehrs Co., Rutherford, N. J.

Adiantum Farleyense, 5-in., $9.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

AGERATUMS.

Ageratums Pauline and others, 2-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Ageratum Little Blue Star, a new true dwarf, R. C. and 2¼-in., per 100, 75c and $2.00.
Mosbaek Greenhouse Co., Onarga, Ill.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Princess Pauline, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternantheras, red, yellow and brilliantissima, July struck cuttings, $10.00 per 1000. From sand, January struck, $5.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Alternanthera brilliantissima, "original stock," finest red of all, from soil, $1.00 100. A. nana, yellow, 70c 100. Prepaid.
A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, fall-struck, from soil, 75c per 100; $6.00 per 1000.
N. O. Caswell, Delavan, Ill.

Alternantheras, in the best four varieties. Can supply in 1000 and 10,000 lots.
Mosbaek Greenhouse Co., Onarga, Ill.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

Alternantheras, red and yellow, rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Morrison, Ill.

Alternantheras, 60c 100; $5.00 1000.
Baur Floral Co., Erie, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

AQUILEGIAS.

ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
BARTELDES SEED CO., Denver, Colo.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus Sprengeri plants just as they come from the flats, $6.00 per 1000.
Asparagus Sprengeri, nice plants, from 2¼-in. pots, $2.00 per 100; $8.00 per 1000. 500 at 1000 rate.
B. H. Haverland, R. R. 2, Mt. Healthy, Ohio.

Asparagus plumosus, 2¼, 3 and 4-in., $3.00, $6.00 and $9.00 per 100.
Asparagus Sprengeri, 2¼, 3 and 4-in., $2.00, $4.00 and $8.00. Special prices on 1000 lots.
Mosbaek Greenhouse Co., Onarga, Ill.

Asparagus plumosus, 2¼-in., $2.50; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00; 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or W. F. Kasting, Buffalo, N. Y.

Asparagus Sprengeri, 3-in., $3.50; 4-in., $5.50; 5-in., extra strong, $17.50 per 100. Cash, please.
Oak Hill Greenhouses, Lebanon, Ind.

Asparagus plumosus nanus, strong 3-in., $3.00; 3½-in., $5.00; 4-in., $6.00 per 100.
S. Whitton, 15-16 Gray Ave., Utica, N. Y.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus plumosus, 2½-in. and 3-in., fine, $3.00 and $5.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus plumosus nanus, extra fine, 3-in., ready for shift, $5.00.
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Asparagus plumosus, 2-in., $3.00; 3-in., $6.00; 4-in., $12.00 100.
Wittbold Co., 1657 Buckingham Pl., Chicago.

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Cut strings, 50 cents each.
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Asparagus plumosus, 3-in., fine, $5.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus Sprengeri, 2-in., $2.25 per 100.
Hammerschmidt & Clark, Medina, O.

Asparagus plumosus, 4-in., $8.00 per 100.
Maple City Greenhouses, Honesdale, Pa.

Asparagus Sprengeri, 2-in., $2.50 100.
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The FLORISTS' MANUAL, by Wm. Scott, covers the whole field of commercial floriculture. Articles are arranged alphabetically so that reference is quick and easy. Price, $5.00, carriage charges prepaid. Send in your order now.
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Amaryllis formosissima, 11-13 cm..	$2.00	$18.00
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Japan lilies, high grade bulbs, tuberous-rooted begonias and giant-flowering gloxinias.
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TRUE TO NAME.

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A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
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Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000

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L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000

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Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000
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Queen of Holland	2.75 100;	25.00 1000
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Buttercup, 3½ ft.	$5.50 100;	$50.00 1000
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L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000

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Alsace, 3½ ft.	$2.00 100;	$17.50 1000
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BRONZE CANNAS.

Black Beauty, 5 ft.	$6.00 100;	$50.00 1000
David Harum, 3½ ft.	3.25 100;	30.00 1000
Egandale, 4 ft.	3.25 100;	30.00 1000
Grand Rouge, 8 ft.	1.75 100;	15.00 1000
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Alemannia, 4 ft.	35c doz.; $2.25 100;	$18.00 1000
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Cannas. Meyers, Robusta, Pennsylvania, Lou Ray, W. Grove, Mlle. Berat, Louise, Betsy Ross, Burbank, $1.50 per 100; $12.00 per 1000; 500 at 1000 rate.

King Humbert, $20.00 per 100. Cash with order. No personal checks accepted.

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For full description of above and fifty other varieties of cannas, see catalogue, mailed free.

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Caladium Esculentum.
All sound and with eyes.

	100	1000
6- 8 inches in circumference	$1.50	$10.00
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Special attention is called to the variety White Perfection. We offer the true sort, and quality of cuttings can not be beat. You will want this. Book order now. Quality guaranteed. If you don't like them, we pay express both ways.
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READY NOW.

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Enchantress	2.50 per 100;	20.00 per 1000
Lady Bountiful	2.50 per 100;	20.00 per 1000
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250 at 1000 rate, 2000 at 5000 rate. If you send cash I will pay the express.
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Craig	5.00 100;	40.00 1000
Lieut. Peary	3.00 100;	25.00 1000
White Lawson	3.00 100;	25.00 1000
Enchantress	3.00 100;	25.00 1000
Lawson	2.00 100;	17.50 1000
Boston Market	2.00 100;	17.50 1000

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Carnations, strong, healthy, well rooted.

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White Lawson	3.00	25.00	3.50
Bountiful	3.00	25.00	3.50
Cardinal	2.50	22.50	3.00
Enchantress	2.50	22.50	3.00
Lawson	2.00	15.00	2.50
Harlowarden	2.00	15.00	2.50
Boston Market	1.50	12.50	2.00

Cash with order. Satisfaction guaranteed.
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W. Lawson	2.00	15	Queen	1.50	12.50
Enchantress	2.00	15	Victory	5.00	....
Ethel Ward	2.00	15	R. Craig	5.00	....
R. Lawson	2.00	15	P. Patten	4.00	....
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Rooted carnation cuttings, now ready.

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Every cutting guaranteed. Cash or C. O. D., subject to examination.
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Rooted carnation cuttings.

	100	1000		100	1000
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W. Lawson	2.50	20	L. Peary	2.50	20
Daybreak Lawson	5.00	40	Cardinal	3.00	25
T. W. Law'n	2.00	15	Estelle	2.00	15
The Belle	2.50	20	Market	1.50	12

Bell Miller, Springfield, Ill.

Carnation cuttings.

	100	1000		100	1000
B. Market	$2.00	$15	The Belle	$2.50	$20
Lorna	2.00	15	Bountiful	2.50	20
Prosperity	2.50	20	N. Fisher	2.50	20
Enchantress	2.50	20	R. Craig	6.00	50
Ethel Ward	2.50	20	R. P. En'tress	6.00	50

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Rooted carnation cuttings, Crusader, B. Market, $10.00 per 1000. B. Market, unrooted, half price. Des Plaines Floral Co., Des Plaines, Ill.

Carnations from 2-in. pots.

Enchantress	$3.00 per 100
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Stock has been potted 5 and 6 weeks, and is ready for shipment now. Perfectly strong, healthy stock grown cool, and carefully rooted. Send for sample.
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Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
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Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100. Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

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Estelle	1.50 per 100;	15.00 per 1000

Cash with order.
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Carnation cuttings, well rooted. Lawson, $1.50 per 100; $12.00 per 1000. Enchantress, $2.00 per 100; $18.00 per 1000. These cuttings were taken from the best stock coming into this market.
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Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
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Rooted carnation cuttings.	100	1000
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Enchantress, Queen	2.50	20.00

Cash with order.
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Our carnation novelties for 1907—Winsor, White Enchantress and Helen Gould. For description of these valuable novelties see our wholesale price list.
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Carnations. Unrooted cuttings from strong, healthy plants of Fair Maid, Queen, Mrs. Lawson and Mrs. Patten, $10.00 per 1000. Cash.
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Carnations, strong, healthy, rooted cuttings and 2½-in. pot plants, young stock, leading varieties. Prices are given in display adv.
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Rooted carnation cuttings. Helen Goddard, $6.00 100; $50.00 1000. Cash. For other varieties see display adv.
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Clean, healthy, well rooted carnation cuttings, ready now. See display adv. for varieties and prices.
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Queen, best standard white, summer or winter. Well rooted cuttings $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

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Rooted carnation cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

CARNATIONS—Continued.

Carnation cuttings. Rose-pink Enchantress, $7.00 100; $60.00 1000. Other varieties given in display adv. W. B. Girvin, Leola, Pa.

Rooted carnation cuttings, choice, all free from disease. Varieties and prices are given in display adv. J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings of Queen, $1.50; F. Maid, $1.10; P. Lawson, $1.40 per 100. Write for others. Otto Bourdy, Lowell, Mass.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars. H. Weber & Sons Co., Oakland, Md.

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Well rooted carnation cuttings, healthy stock. For varieties and prices see display adv. Peter Reinberg, 51 Wabash Ave., Chicago.

Strong, well rooted carnation cuttings. Varieties and prices are given in display adv. Sol Garland, Des Plaines, Ill.

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Carnation Boston Market, $1.25 per 100; $10.00 per 1000. Estelle, $1.25 per 100. S. W. Pike, St. Charles, Ill.

Rooted carnation cuttings, leading varieties. Prices are given in display adv. Wm. Winter, Kirkwood, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv. J. W. Dunford, Clayton, Mo.

Carnation cuttings, leading varieties. List and prices are given in display adv. Eli Cross, Grand Rapids, Mich.

Rooted carnation cuttings, best varieties. Prices are given in display adv. W. J. & M. S. Vesey, Fort Wayne, Ind.

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Rooted carnation cuttings. Enchantress, $2.50 100. B. E. Wadsworth Co., Box 224, Danville, Ill.

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100 fine Hydrangea Otaksa, in 5-in. pots, suitable for 7 and 8-in. pots, $3.00 per doz.; $25.00 per 100. Hermann Holtz, Hammond, Ind.

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For early delivery
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GRAND RAPIDS.

With several bright days lately, flowers have opened wonderfully, but there is still a scarcity that will take some time to catch up. Funerals have been numerous, there having been fifty deaths here in the last eight days. White flowers of all kinds, especially shorts for funeral work, have been in great demand and the market is kept pretty clear.

The Florists' Club met Thursday, January 31, and elected officers and made arrangements to meet in the Board of Trade rooms every first and third Monday of each month. Henry Smith was elected president and William Freling secretary. The committees on bylaws and prizes made their reports, which for the most part were accepted, and from the present outlook Grand Rapids will again be on the map with a large and flourishing florists' club.

G. F. Crabb, of the Crabb & Hunter Floral Co., has been sick with pneumonia for the last ten days, but has passed the critical point and will be around again in a couple of weeks.

A number of Holland bulb men were in town this week, but report few orders, as the territory had been pretty well canvassed early in the year. A. F. C.

PAPER WHITE NARCISSI.

The first week in December I planted some Paper Whites in flats and placed them outside, as usual. On examining them today I found that they had made not more than two inches of roots, many of which were rotted at the ends. They seemed to have taken hold of the soil only a little. The tops were one-half inch to one inch long. The soil was moist enough. Now I wish to ask, would it be wise to attempt to force these for Easter? C. E.

The mistake made was in placing these narcissi outdoors at all. Had they been placed under a bench in the greenhouse and darkened somewhat, or in a cellar, they would have been all right. Paper Whites are more delicate than the trumpet section of the narcissus family and the fact that few roots were made and that these were rotting would indicate that they have been too cold.

It will hardly pay to attempt to force bulbs with practically no roots. Another season, after boxing place under a bench or in some place with a minimum temperature of 45 to 50 degrees and they will be found to do well. The outdoor treatment, especially as late as December, will not do for these French bulbs. C. W.

La Salle, Ill. — Robert Simmon, of Simmon & Larsen, has closed the firm's store at Morris, Ill., and removed his family to this city, where the business is developing at such a rate as to call for the attention of both partners.



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WAYSIDE NOTES.

W. H. Head, superintendent of the Plant estate at New London, Conn., has kept a force of men and teams busy removing large specimen trees from Norwich, twenty miles distant. Each tree requires a team of eight horses to draw it. At the time of my visit a splendid purple beech, measuring fifty feet in height and three feet in diameter, was being planted.

E. W. Clark, of New London, says he cannot remember when roses were so scarce and poor as they have been of late. Carnations are fair. Business is brisk. A big job at the opening of a handsome Elks' room called for all the roses he could pick up.

Felix G. Mense, of Glen Cove, N. Y., met with a serious accident when returning from the New York Florists' Club with the specimen plant of a dwarf and compact form of Salvia splendens, which makes a fine pot plant and can be brought into bloom at Christmas. With a certificate of merit in his pocket, Mr. Mense was alighting from the train, which jolted, causing him to let the plant fall, breaking the bones of two toes of his right foot, which will make him a cripple for some time.

Ira G. Marvin has built a handsome store adjoining the opera house, at Wilkes Barre, Pa. Being forced to vacate his old stand he had an opportunity to build and has a thoroughly up-to-date place. Eldridge & Co., who formerly occupied this location, moved into a convenient place on Main street.

W. L. Carr, at Kingston, Pa., is preparing a big line of bedding stock, which is a feature with him.

George R. Clark & Co., of Scranton, Pa., do as big business as ever at their store, buying all stock from out of town. For years they have had the seed trade of the town and, being a poultry fancier, Mr. Clark has added a line of poultry supplies.

Marvin & Muir, also of Scranton, report a busy season for funeral work, a specialty with them.

S. J. Reuter, of Westerly, R. I., is just getting over a severe attack of the grip which seized him while at Toronto, attending the convention, hastening his return before he had finished his round of calls. He was much impressed with the Dale and Dunlop plants and intended paying Mr. Gammage a visit, expecting to see a representative range of plant houses. Mr. Reuter says the trip more than repaid him. He met there Alexander Miller, formerly of the Rhode Island Greenhouses and now manager of the Green Floral Co., Dallas, Tex. He is full of praise of the sunny south and predicts a great future for the business there. W. M.

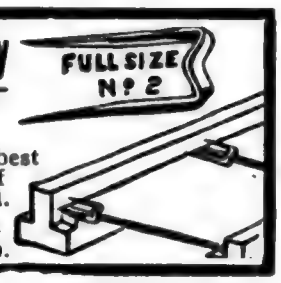
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Greenhouse Heating.

TO HEAT SIX HOUSES.

I have five greenhouses side by side, as follows: One 14x72 and ten feet to the ridge; one 14x68 and five feet high; one 14x72 and five feet high; one 14x54 and five feet high, and one 24x80 and ten feet to the ridge. I intend to build another along the ends of these, about 16x130 and ten feet to the ridge. Each of the five houses has a separate heating system. I would like to know what horse-power boiler would be required to heat all six houses in New York climate. There would be about 9,000 feet of glass. No glass in the sides or ends. I have four houses piped with 4-inch, the other with 1½-inch and 2-inch. Will that make any difference in the working of the new system? What size of flows and returns will I need in the long house, as this will be the feeder for the others? I plan to locate the boiler at one end of the new, long house and hence at one corner of the range.

D. C. H.

A horizontal tubular boiler rated at forty horse-power will have sufficient capacity to carry the plant in question if it can be located so that the maximum length of the longest flow pipe does not exceed 100 or 125 feet. When you exceed these lengths it frequently becomes necessary to install circulating pumps. I would not attempt to heat this plant by hot water on a gravity system with the boiler located as proposed. It will be more difficult to govern the rate of the circulation in the different houses when piped with various sizes of pipe than when all are treated alike. You are likely to meet many discouragements in attempting to remodel this range on a strictly hot water basis. If it will not entail too much loss, dispense with the 4-inch pipe, replace it by 1½-inch and place the boiler in the middle of the proposed cover house and run a combination system, hot water in mild weather and steam in cold weather.

L. C. C.

FOUR-INCH PIPE.

We propose to erect an east and west house 30x200 and thirteen feet to the ridge, for pot plants and cut flowers. Which would be the best system of piping, sixteen runs of pipe to 100 feet of house? We intend to put a glass partition across the center of the house and have the west 100 feet for a cool house and the east end for a warm house. We intend to put the same amount of pipe in each part, but have the west house valved so we can run it cool when necessary.

The boiler-room and potting-shed will be placed on the north side at the center of the house, so we can run pipe 100 feet each way. The two outside benches will be three feet wide, the three center benches five feet four inches wide and the walks twenty inches wide. Under each side bench will be two 4-inch flows and three 4-inch returns; the next two outside middle benches, each one 4-inch flow and two 4-inch returns, and no pipe under the center bench.

Another system would be to use 3½-inch pipes for returns, instead of 4-inch, with the same number of runs.

How many pipes should be valved to keep the cool house at a temperature of 40 degrees? The warm house we wish to run from 60 to 70 degrees in Wisconsin climate. The coal cellar will be 12x30, running the same as the greenhouse, on the north side. We propose to run the boiler back under the greenhouse as far as we can, so as to have room to run the smoke pipe from the boiler into the chimney in the coal cellar. The boiler will be north and south and feed from the north. This will give us more room to clean the flues and more coal room; and in running the pipes those on the east side of the boiler can furnish the east house and those on the west side the west house. We will have the Kroeschell boiler No. 12. We wish to build another house 30x200 on to this on the south side in a year or two. Would the pipes running straight ahead to furnish the next house interfere with each other?

W. T.

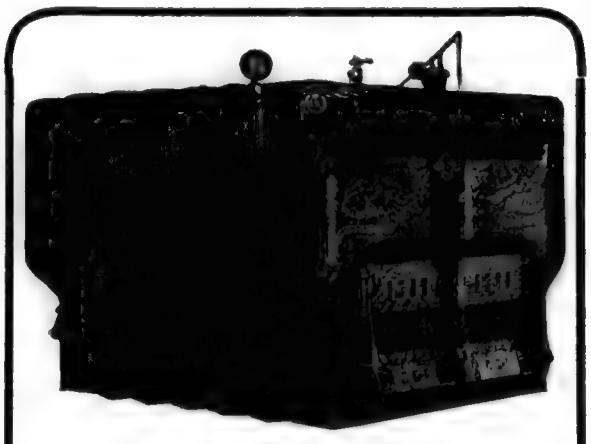
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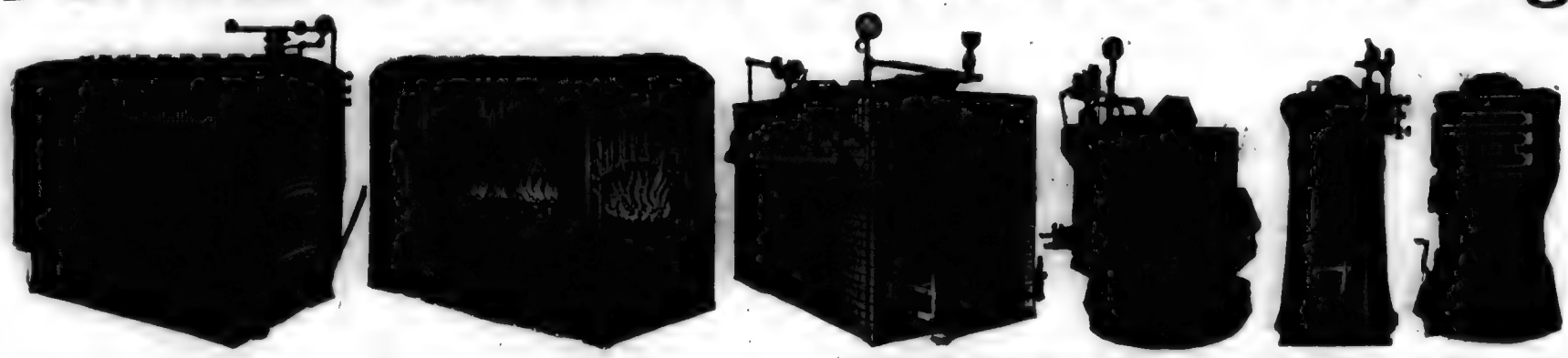
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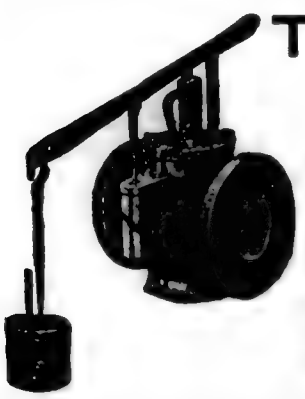
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little more radiation than the twelve runs of 4-inch, at about two-thirds of the cost and be cheaper to install and just as satisfactory if the expansion tank is placed twelve to fifteen feet above the boiler. The cooler house, if to be piped as a cool house, can be run on thirteen runs of 2-inch pipe or eight runs of 4-inch. If it is to have maximum piping, same as the other, then arrange valves so as to permit of reducing the number of service pipes to the numbers specified. If 2-inch pipe is used a 2-inch riser with three 2-inch returns can be placed under each bench. If 4-inch pipe is used it may be distributed as follows: A flow and two returns under each outside bench and a loop, i. e., a flow and return under each of the other benches, making twelve runs of pipe in all for the house.

If you arrange the boiler as suggested, see that it is properly enclosed, so as to cut off connection with the plant houses. Such an arrangement is seldom advisable, because of the danger of gas from the boiler-room getting in the houses. It is best to have the boiler-room completely cut off from the houses.

L. C. C.

PIPING FOR STEAM.

We have seven houses 18x175 to 20x175, side by side. The one system furnishes steam heat for the seven houses, store and residence. The boilers are at one corner of the block of houses. We figured on running the main flow overhead along the ends of the houses and the main return below; the flows to be overhead and returns under the benches. Our flows and returns are all 2-inch pipe. How many 2-inch returns will a 2-inch flow carry? Should check-valves be put in all returns before they enter the main return and should there be one or two valves on these lines? We thought of having the highest point of the main flow at the farther end slanting toward the boiler, with the bleeder at the end connecting with the return. What size should the main flow be on leaving the boiler; also the return upon entering the boiler? We have two forty-two horse-power tubular boilers set same height. Is it better to work the boilers together or separately? W. & S.

Each of your houses should be provided with a 3-inch riser and, if 2-inch pipe is used for returns, at least nine should be installed to insure 60 degrees in cold weather. The yoke for the boilers and the main flow should be 6-inch pipe. Each boiler should be tapped with a 4-inch outlet. The 6-inch flow should cover the ends of the first four houses; the remaining three can be carried by a 4-inch flow. The main return, if it has a good fall and is well above the water line in the boilers, need be only 2-inch. If it is below the water line of the boilers and each return from the houses is sealed by it, it had better be 4-inch. The highest point in the main flow should be immediately over the boilers if possible. All water of condensation should be carried with the flow of the steam instead of against it, as would be the case with the main flow sloping towards the boiler with the high point at the far end. Install the bleeder with swing joints at the end of the riser and the return, at which point these two pipes should be closer together than at any other point. Put swing check-valves on the return of each house before it enters the main return, and a globe valve in addition. Checks are not to be depended upon to hold steam; they usually work well enough when there is water in the returns, but globe or gate valves should be installed in both flow and return to each house to insure complete control.

L. C. C.

KINGMAN, KAN.—E. N. Fowler has started in business.

ZANESVILLE, O.—H. D. Fogg has sold his greenhouse and has gone out of business, E. G. Soller being the purchaser.



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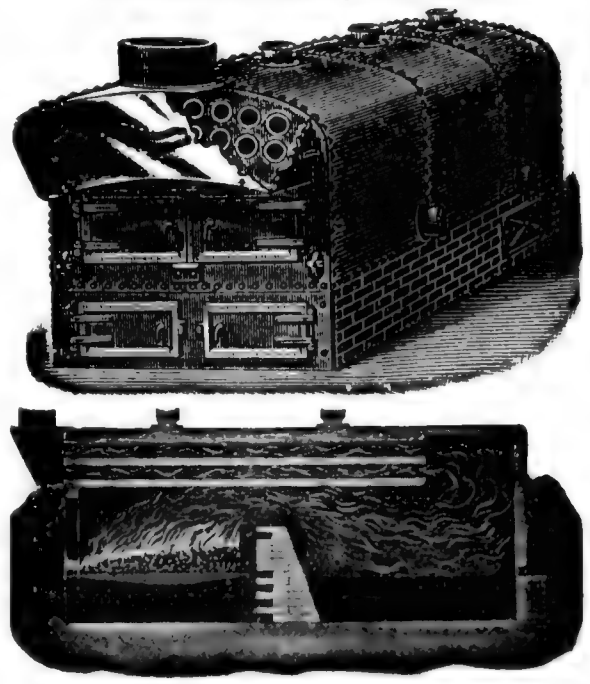
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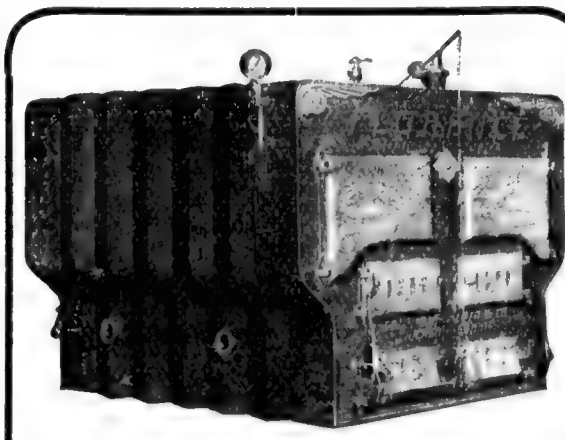
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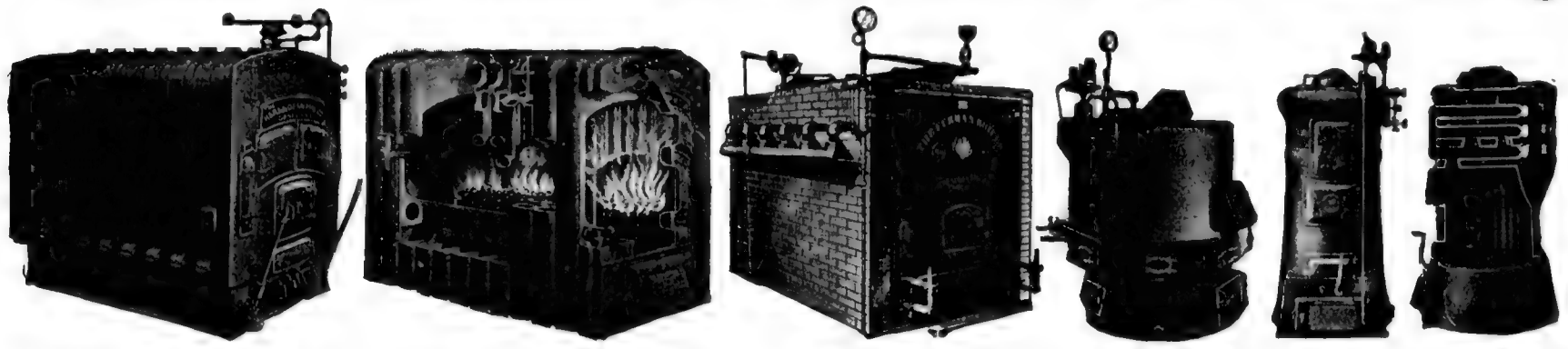
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GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.
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L. C. C.

PIPING FOR STEAM.

We have seven houses 18x175 to 20x175, side by side. The one system furnishes steam heat for the seven houses, store and residence. The boilers are at one corner of the block of houses. We figured on running the main flow overhead along the ends of the houses and the main return below; the flows to be overhead and returns under the benches. Our flows and returns are all 2-inch pipe. How many 2-inch returns will a 2-inch flow carry? Should check-valves be put in all returns before they enter the main return and should there be one or two valves on these lines? We thought of having the highest point of the main flow at the farther end slanting toward the boiler, with the bleeder at the end connecting with the return. What size should the main flow be on leaving the boiler; also the return upon entering the boiler? We have two forty-two horse-power tubular boilers set same height. Is it better to work the boilers together or separately? W. & S.

Each of your houses should be provided with a 3-inch riser and, if 2-inch pipe is used for returns, at least nine should be installed to insure 60 degrees in cold weather. The yoke for the boilers and the main flow should be 6-inch pipe. Each boiler should be tapped with a 4-inch outlet. The 6-inch flow should cover the ends of the first four houses; the remaining three can be carried by a 4-inch flow. The main return, if it has a good fall and is well above the water line in the boilers, need be only 2-inch. If it is below the water line of the boilers and each return from the houses is sealed by it, it had better be 4-inch. The highest point in the main flow should be immediately over the boilers if possible. All water of condensation should be carried with the flow of the steam instead of against it, as would be the case with the main flow sloping towards the boiler with the high point at the far end. Install the bleeder with swing joints at the end of the riser and the return, at which point these two pipes should be closer together than at any other point. Put swing check-valves on the return of each house before it enters the main return, and a globe valve in addition. Checks are not to be depended upon to hold steam; they usually work well enough when there is water in the returns, but globe or gate valves should be installed in both flow and return to each house to insure complete control.

L. C. C.

KINGMAN, KAN.—E. N. Fowler has started in business.

ZANESVILLE, O.—H. D. Fogg has sold his greenhouse and has gone out of business, E. G. Soller being the purchaser.

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NEWPORT, R. I.

Current Comment.

The only redeeming feature of the weather we have experienced lately was that which enabled a crop of good ice to be harvested; otherwise it has been depressing in the extreme. Florists have had little business of late to help to keep them warm and in good humor, and the difficulty in getting good material for the little business there was did not mend matters either.

In spite of the storm we were visited last week by a number of gentlemen representing large seed houses and allied concerns, among whom were: Thomas Grey, Boston; J. R. Clarke, Roxbury, Mass.; Herman Leips, New York, and Mr. Folger, representing the Bonnie Brae nurseries, New Rochelle, New York.

John H. Cox, New England representative of the F. R. Pierson Co., has advised his friends, on the eve of his departure for England, that he goes there to push the sale of American carnations, and particularly the sale of Winsor blooms, of which, as well as others, he intends to exhibit at the Temple show in London and at shows in other cities in England, Scotland, Ireland and the continent of Europe.

John S. Hay, representing H. A. Dreer Co., was here a week ago, but it happened that the firm's catalogue, which is, by the way, unusually comprehensive, had not got into the hands of customers at the time of his arrival. Mr. Hay deemed it the best policy to go into Massachusetts and make a return visit here, when he believes he will be aided by the attractions of the catalogue.

The extraordinary popularity of dahlias during the last year or two has induced several enthusiasts to embark in their cultivation, who had before been engaged in business for which their early training would seem to better qualify them; but time only will tell whether or not they made a mistake.

Mr. and Mrs. Carl Jurgens have gone to Europe, where they will remain two months or more. In the absence of Mr. Jurgens the business, which is the most extensive of its kind in these parts, will be under the management of his son.

Stewart Ritchie is one of the very few who do not grumble about the effect the bad weather has on carnations.

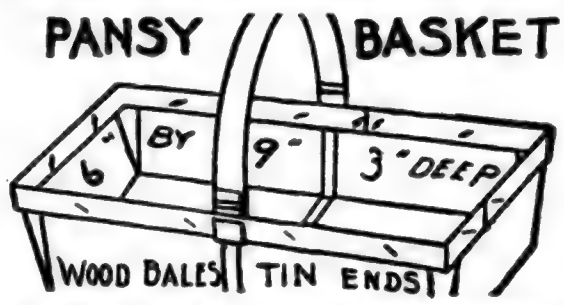
The town of Middletown, which adjoins Newport, is in some ways more desirable for summer residences than Newport is, because large tracts of land are available near the water. This fact is slowly becoming recognized and several beautiful residences have recently been built there and others are in contemplation.

Ralph Reilly.

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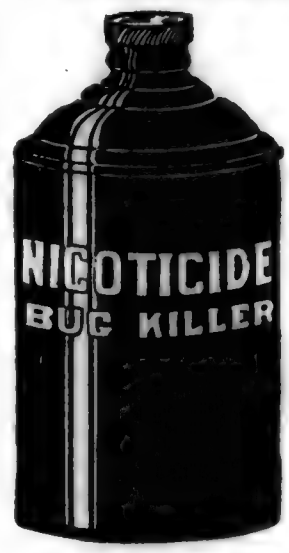
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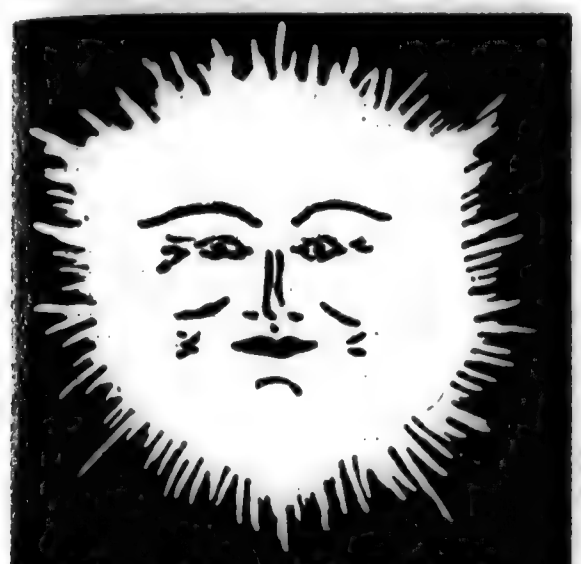
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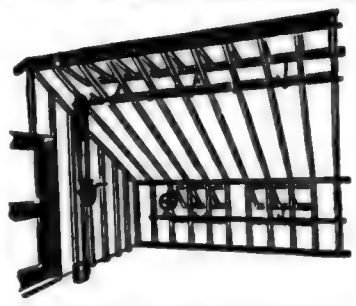
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For Greenhouse Benches. By far the best material.

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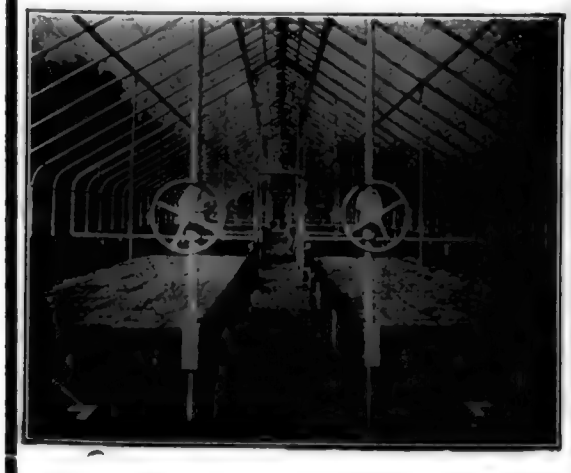
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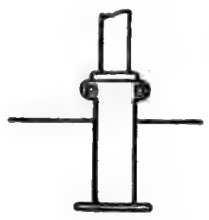
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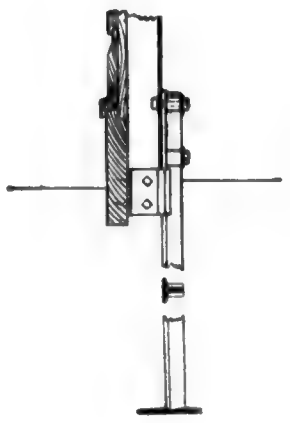
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 530 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, FEBRUARY 21, 1907. No. 482.

For... Decoration Day **SPIRÆAS**

ARE A MOST USEFUL PLANT

We have an excellent lot in cold storage, extra large clumps, and offer them as follows:

Spiraea Japonica. Per 12, 60c; per 100, $4.50; per case, about 300, $12.00.

Spiraea Compacta Multiflora. Per 12, 60c; per 100, $4.50; per case, about 300, $12.00.

Spiraea Astilboides Floribunda. Per 12, 60c; per 100, $4.50; per case, about 300, $12.00.

Spiraea H. Witte, (new). Undoubtedly one of the finest and most profitable Spiraeas for florists. Per 12, $1.00; per 100, $7.50; per case, about 300, $21.00.

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ASPARAGUS PLUMOSUS

Seedlings, $1.00 per 100; $9.00 per 1000.

SPRENGERI SEEDLINGS, 50c per 100; $4.00 per 1000. Ready to be shipped at once. Out of flats.

ASPARAGUS PLUMOSUS, 2-inch, $2.50 per 100; $20.00 per 1000, ready now. Terms cash with order from unknown parties.

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4-inch.....per 100, $35.00
5-inch.....per 100, 50.00

Pandanus Veitchii, finely colored, 24 in. high from top of soil, $1.00 each.

Pandanus Veitchii, large plants, $1.50 to $3.00 each.

Boston Ferns, specimens, $18.00 per doz.

Adiantum Farleyense, 5-in. pots, $9.00 per doz.

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Fuchsia Little Beauty

2¼-inch. Plants thrifty and well branched, $4.50 per 100; $40.00 per 1000. **Standard Varieties,** all early bloomers, $3.00 per 100.

Vinca Major, green variegated with light green, field-grown, $6.00 per 100.

Boston Ferns, bench-grown, $10.00, $15.00 and $20.00 per 100.

Scottii, bench-grown, ready for 3 and 4-inch pots, $6.00 per 100.

Hydrangea Otaksa all sold. Let us have your order early for next fall delivery and assure you of best possible service.

Alternantheras. Brilliantissima, best red, and **Aurea Nana,** best yellow, August rooted, 60c per 100, $5.00 per 1000.

Poinsettias, summer delivery. Place your orders now for this valuable Christmas plant. As usual, we will have the best stock in the market. 2½-inch, $5.00 per 100; $45.00 per 1000. 3-inch, $7.00 per 100; $65.00 per 1000.

On any article, 25 at 100 rate, 250 at 1000 rate.

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White Perfection, pure white	$6.00 per 100;	$50.00 per 1000
White Lawson	3.00 "	25.00 "
Lady Bountiful	3.00 "	25.00 "
Lieut. Peary	4.00 "	30.00 "
Red Riding Hood, new scarlet	12.00 "	100.00 "
Victory	6.00 "	50.00 "
Cardinal	4.00 "	30.00 "
Red Lawson	4.00 "	30.00 "
Daybreak Lawson or Melody	6.00 "	50.00 "
Enchantress	2.50 "	20.00 "
Helen Goddard	5.00 "	43.00 "
Fiancee	4.00 "	30.00 "
Variegated Lawson	3.00 "	25.00 "
Harlowarden crimson	2.00 "	15.00 "

Aristocrat, beautiful cerise, the best variety disseminated this season.

Ready March 15. $2.00 per 100; $15.00 per 1000.

Mrs. Mary Mann	Merstham Yellow	W. H. Chadwick
Golden Chadwick	Adelia	Estelle
Cremo	Yellow Bonnaffon	Touset
Mrs. Nathan Smith	White Bonnaffon	Glory of Pacific
Majestic	Ivory	Pink Ivory	Mrs. Robinson

Roses

$2.00 per 100; $15.00 per 1000.

Mme. Chatenay	Bridesmaid
Bride	Uncle John
Richmond	Golden Gate

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For SPRING PLANTING

Tuberous-rooted Begonias, Caladiums, Cannas, Dahlias, Gladiolus, Lilies, etc. Send your order early. Avoid delays incident to spring rush. : : : :

Complete line of Flower and Vegetable Seeds ready

Florists' Wholesale List free for the asking.

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Are Known From MAINE to CALIFORNIA

We have a special Dahlia farm in Connecticut for the purpose of growing bulbs. This farm is under the supervision of a grower, who has had experience with this flower for the last 25 years. We guarantee our bulbs to be true to name and are willing to replace same if they are found otherwise. We are offering this year nearly 250 varieties of Cactus Dahlias alone, not mentioning the other classes. We extend a cordial invitation to every florist in the country during the Summer and Fall to visit our

Exhibition Farm of Dahlias

occupying two acres, right in the heart of the old historic town of Marblehead, Mass., where we grow fully 1000 varieties of Dahlias for exhibition purposes only. Every novelty of account either European or American may be seen.

We do not Grow Dahlias for Quantity but for Quality

The demand for Dahlias as cut flowers has been steadily on the increase and some of the choicer varieties of Cactus Dahlias are prized as highly as any of the choicest varieties of Roses.

Our complete list of varieties with illustrations and descriptions covers 12 pages in

"Rawson's Garden Manual for 1907"

a catalogue, which every florist should possess. It represents the highest art of "American Catalogue Printing," as it is completely new from page 1 to 144.

We offer this season seven new American seedlings of Dahlias, which created a sensation wherever shown last Fall and which the FLORISTS' REVIEW has considered important enough to mention at length in this issue.

Now that the "New England Dahlia Society" is an active and live society, the future of the Dahlia is established and every florist in the country can add considerably to his income by devoting a quarter of an acre or more to the cultivation of this profitable flower.

Do not wait till the growing season is here but let us book your order now thus assuring you no disappointment.

CHOICE VARIETIES ARE ALWAYS SCARCE

W. W. Rawson & Co.

....Headquarters for DAHLIAS....

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Are What The Florists Are Using Nowadays!



No. 7—Japanese.

WHY?

Because they wear. They stand exposure to sunlight and moisture.

They are not made of grass or split willow, **but** from the genuine solid bamboo reeds, imported direct from India for our own use, which makes them admirable for decorating and hard usage.

The BOMBAYREED JARDINIERES are **quick** sellers, too, because they are extensively advertised in the popular magazines. We create a big demand.

They are by far the most artistic and **serviceable jardinieres** on the market today.

We offer liberal trade discounts and **solicit your inquiry as to our attractive freight allowances.** All our jardinieres are made in nine styles and in all colors. Sizes from four inches up. Flexible pot covers in extra large sizes. Our prices are low and inviting.

We will send you by express prepaid an eight-inch sample in any style or color. When you get it try their lasting qualities, and order, if you are satisfied.

Don't forget that our Foliage Green colors have made the hit.

See our artistic window boxes.



Window boxes—all sizes, metal lined.

Write today for our sample, price list and interesting catalog.

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Asparagus Plumosus Nanus Seed

	100	1000	5000
Plump, 90 per cent germination,	50c	$3 50	$17.00
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Send for our Spring catalogue Bulbs, Seeds, etc.

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Florists' Review

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CALADIUMS, fancy-leaved, in best var. mixed, $10.00 per 100: $80.00 per 1000.
" **Esculentum** (Elephant's Ears), with fine center growth. No. 3 tubers, $1.50 per 100; $12.00 per 1000. No. 2 $3.00 per 100; $25.00 per 1000. No. 1 tubers, $5.00 per 100; $45.00 per 1000. Mammoth tubers, $10 00 per 100.

CINNAMON VINES, extra, $2.50 per 100; $20.00 per 1000.

GLOXINIAS, in the finest colors, $4.00 per 100; $35.00 per 1000.

GLADIOLI, the finest in the country. All bulbs sent out are guaranteed to flower. Extra selected **mammoth** bulbs, $12.00 per 1000. No. 1 size, $9.00 per 1000. No. 2 size, 1½ in. diameter, $5.00 per 1000. Smaller size, $4.00 per 1000.

JAPANESE FERNBALLS, 5-inch, $15.00 per 100.

JAPANESE FLOWER BULBS—Lilium Auratum, 8-9, $5.25 per 100; 9-11, $7.50 per 100; mammoth, 11-13 $15.00 per 100. Lilium Speciosum Album, 8-9, $7.00 per 100; 9-11, $10.00 per 100 Lilium Speciosum Rubrum, 8-9 $5 75 per 100; 9-11, $8.00 per 100. Lilium Melpomene, 8-9, $7.50 per 100. **Lilium Tigrinum,** extra, $6.50 per 100.

MADEIRA VINES, extra strong, $1.50 per 100; $10.00 per 1000.

TUBEROSES, Excelsior Pearl, mammoth bulbs, $9.00 per 1000.

CANNAS—All roots sent out by me are true to name and of good vitality. 250 are at 1000 rate; less lot add 10 per cent. All Canna prices are quoted per 1000. Alemannia, salmon, yellow border, $12.50; Austria, yellow, spotted crimson, $12.50; America purple, red bronze foliage, $15 00; Burbank, large yellow, $15.00; **President Carnot,** vermi ion bronze, large, $15.00; Robusta red, dark foliage $15 00; Grand Rouge, red, $15.00; Chas. Henderson, crimson, $15 00; Chicago, vermilion scarlet, $20 00; Sec. Chabanne, salmon, red shaded, $15.00; Coronet, golden yellow, $15.00; Eastern Beauty, light salmon pink, $20 00; Egandale rose, bronze foliage, $17.50; Explorateur Crampbel orange, $15.00; Florence Vaughan, yellow with crimson, $17.50; Mlle. Berat, pink $15.00; Martha Washington, pure bright rose $20.00; Morning Star, yellow spotted red, $18.00; Paul Marquant, salmon, $17.50; Queen Charlotte, scarlet, gold border, $17.50; Shenandoah, rose, $15.00. Any other variety not on this list, can be forwarded on short notice.

DAHLIAS, large div. field clumps in the best varieties, separate colors, $7.50 per 100.

DIELYTRA SPECTABILIS, bleeding hearts, fine clumps, $8.00 per 100.

FUNKIA UNDULATA, foliage variety, the best variegated border plant in existence $8.00 per 100.

IRIS HISPANICA, extra fine selection in colors, $5.00 per 100; $35.00 per 1000.

PEONY SINENSIS, extra selected stock in separate colors, $10.00 per 100; $75.00 per 1000.

ROSES—My stock of Roses are low budded, **sand-grown** plants and the best for this climate. The following are the most handled varieties and can be supplied in any quantity: Anne de Diesbach, Baroness de Rothschild, Captain Christy, General Jacqueminot Gruss an Teplitz, John Hopper, John Laing, Madame Victor Verdier, Magna Charta Paul Neyron, Perle Blanche, Ulrich Brunner, Hermosa, $10.00 per 100; Frau Karl Druschki, Gloire de Dijon, La France, Kaiserin Augusta Victoria $12.00 per 100; **Baby Rambler,** two-year-old plants, $15.00 per 100; Crimson Ramblers, extra strong $15.00 per 100.

CONIFERS in large specimens are always on hand and shall be pleased to quote lowest prices on them.

SUMMER AND FALL STOCK—Please send me your list of wants. If you want best selected goods I will supply them at reasonable prices. Terms to suit buyers—if of good standing.

Quote quantity and lowest prices on any surplus of A-1 stock on hand.

F. W. O. Schmitz, Prince Bay, N. Y.

ALWAYS MENTION THE....

FLORISTS' REVIEW

WHEN WRITING ADVERTISERS.

ILLINOIS STATE FLORISTS' ASSOCIATION

A Successful Meeting.

The second annual convention of the Illinois State Florists' Association convened at Bloomington, Tuesday, February 19. The attendance was several times that of the first convention at Peoria a year ago, and the trade exhibit was much larger and more diversified. The state society seems to have started upon a long and prosperous career.

The address of welcome was delivered by H. H. Green and responded to by W. N. Rudd. President J. F. Ammann delivered an address outlining the work already performed by the society and directing attention to the many opportunities for usefulness which lie in its path. Secretary Hasselbring reported an excellent membership list, covering all sections of the state.

Papers were read as follows: "The Florists and the Experiment Station," A. C. Beal, Champaign; "Carnations at the Toronto Show," W. N. Rudd, Mt. Greenwood; "The Effect of Shade on Plants," H. Hasselbring, Chicago; "The Development of Floriculture in Illinois," Prof. J. C. Blair, Champaign.

Officers Elected.

The following officers were elected: President, Albert T. Hey, Springfield; vice-presidents, J. F. Ammann, Edwardsville; Wilbur Gullett, Lincoln; Charles Loveridge, Peoria; William Heinl, Jacksonville; August Poehlmann, Morton Grove; H. Hasselbring, Chicago; A. S. Halstead, Belleville; secretary, A. C. Beal, Champaign; treasurer, George A. Kuhl, Pekin.

Springfield was selected as the place of meeting in 1908.

Resolutions were adopted expressive of the interest the society takes in the legislation now pending looking to the establishing of greenhouses for experimental purposes at the State University and the great value such an institution will be to the trade in the study of plant-growers' problems beyond the resources of the individual.

The Banquet.

The Bloomington Florists' Club had made large preparations for the entertainment of the state association and tendered the visitors a banquet on the evening of February 19, at which an excellent menu was served.

Following the discussion of viands, W. N. Rudd was introduced as toastmaster. The toasts and those who responded were as follows: "The State Society and Its Object," Prof. A. C. Beal; "Our Hoosier Neighbors," J. D. Carmody; "The S. A. F. and Florists' Clubs," P. J. Hauswirth; "The Sunny Side of the Florists' Business," W. J. Gullett; "Why Isn't a Florist as Good as Any Other Man?" H. Hasselbring.

Prof. C. J. Blair spoke for the state college of agriculture and outlined what is hoped to do in the way of solving floricultural problems in the event of the state legislature making the anticipated appropriation for greenhouses in which to conduct the work. J. F. Ammann spoke for the state society, and George Asmus, of Chicago, discussed the benefits which accrued from our periodical exhibitions. Several others spoke briefly.

Those Present.

The following were among those present from outside of Bloomington:

Adams, James W., Normal.
Adams, S. A., Normal.
Aggerholm, Axel, Onarga.
Ammann, J. F., Edwardsville.
Asmus, George, Chicago.
Augspurger, A. M., Peoria.
Baer, Henry, Peoria.
Beal, A. C., Champaign.
Blair, J. C., Champaign.
Brown, A. C., Springfield.
Carmody, J. D., Evansville, Ind.
Cole, I., Lincoln.
Davis, J. W., Morrison.
Dietsch, Arthur, Chicago.
Donnell, R. S., Springfield.
Drury, H. F., Galesburg.
Fehr, Adolph, Belleville.
Foley, J. P., Chicago.
Friedley, Frank A., Springfield.
Gardner, F. W., Ionia, Mich.
Golden, J. R., Gibson City.
Gullett, W. J., Lincoln.
Halstead, A. S., Belleville.
Hartwick, F. J., Chicago.
Hasselbring, H., Chicago.
Hauswirth, P. J., Chicago.
Heinl, Wm., Jacksonville.
Hembreiker, W. J., Lincoln.
Hey, Albert, Springfield.
Jack, George, Springfield.
Jones, James E., Richmond, Ind.
Juergen, B., Peoria.
Keller, George, Chicago.
Klopfer, G., Peoria.
Kramer, L. Ray, Columbia, S. C.
Kring, W. Logan, Fairbury.
Kuhl, Geo. A., Pekin.
Lawrence, S. E., Arrowsmith.
Lenington, H. C., Chicago.
Longren, A. F., Joliet.
Loveridge, C., Peoria.
McDonald, John, Farmer City.
McPheron, R. A., Litchfield.
Marks, Joseph, Chicago.
Moline, J. M., Gibson City.
Nehrling, Bruno, Normal.
Olsem, Peter, Joliet.
Peterson, Andrew, Hoopeston.
Peterson, Swan, Gibson City.
Pillsbury, I. L., Galesburg.
Poehlmann, August F., Morton Grove.
Poyer, Lester C., Des Plaines.
Pyfer, A. T., Joliet.
Rauth, Carl, Springfield.
Rudd, W. N., Mt. Greenwood.
Shrader, J. W., Mattoon.
Smith, Roy, Edwardsville.
Smock, V. R., Olney.
Stewart, C. S., Chicago.
Van Horn, George, Springfield.
Wiese, C. P., Normal.
Willius, John, Danville.
Winterson, L. H., Chicago.
Wilson, J. S., Western Springs.
Wirth, David, Springfield.

The Trade Exhibit.

The trade exhibition was large and included a wide variety of subjects. Quality was fine and judged purely as a flower show it was the best ever seen in a provincial city in Illinois. The judges were I. L. Pillsbury, P. J. Hauswirth and C. Loveridge. Their report follows:

We find the display in general very good and we wish to commend all the exhibitors to your society. We wish to make special mention of the following:

Aristocrat, White Perfection, and Red Riding Hood, by the Chicago Carnation Co., all of which were very fine; red seedling No. 20, by Bassett & Washburn, good size and color; Killarney and Morton Grove roses, the latter a sport of Mme. Chatenay, by Poehlmann Bros. Co., both of fine color and showed well; Gov. Deneen carnation, a royal purple of large size, by A. C. Brown; Whitmani ferns, splendidly grown specimens, Geo. A. Kuhl.

And we wish to mention the following:

Chicago Carnation Co., Joliet, six vases of carnations, two of Aristocrat, Red Riding Hood, White Perfection, Enchantress and Melody.

Bassett & Washburn, Chicago, two vases of red seedling No. 20.

W. H. Gullett & Sons, Lincoln, two vases, one of Brides and one of Bridesmaids, of very high quality; three vases of carnations.

Poehlmann Bros. Co., Chicago, vases of Richmond, Killarney, Bride, Bridesmaid, Morton Grove and Uncle John, all very good.

Peter Reinberg, Chicago, vases of Richmond, Bride, Bridesmaid and Uncle John, a good display.

Swan Peterson, Gibson City, a fine vase of Nelson Fisher, vase of white seedling, No. 127, and dark crimson No. 103.

John E. Haines, Bethlehem, Pa., vases of Imperial and Pink Imperial; did not show to good advantage as they arrived in bad shape.

Brant & Noe Floral Co., Chicago, five vases of carnations.

Henry Baer, Peoria, vases of Lady Bountiful, Robt. Craig, Enchantress, Mrs. Patten, vase of mignonette, all of which showed to good advantage.

W. C. Hill Floral Co., Streator, a vase of Melody.

Baur & Smith, Indianapolis, Ind., vase of May, a light pink which showed well.

W. N. Rike, LeRoy, a vase of Enchantress.

A. C. Brown, Springfield, vases of Governor Deneen, seedling pink No. 202, Lawson, Nelson Fisher, and three vases of mixed seedlings.

J. W. Shrader, Mattoon, vases of Enchantress and Rose-pink Enchantress.

Geo. A. Kuhl, Pekin, a display of well grown plants, including cyclamens, Primula Obconica, Whitmani, Boston and other ferns and begonias, all of which showed good cultivation.

Vaughan's Seed Store, Chicago, a general line of bulbs, Whitmani ferns, H. P. roses, fern balls, dracænas, etc.

Davis Bros., Morrison, Whitmani fern.

A. L. Randall Co., Chicago, a fine and large display of florists' supplies, including baskets, chiffons, ribbons, imported novelties in vases and baskets, boxes, wheat sheaves, etc.

E. F. Winterson Co., Chicago, display of florists' supplies.

Bombayreed Manufacturing Co., Columbia, S. C., display bombayreed jardiniers.

Advance Co., Richmond, Ind., ventilating apparatus for greenhouses.

A. Dietsch Co., Chicago, gutters and gutter supports with iron posts.

Ionia Pottery Co., Ionia, Mich., flower pots, lawn vases, hanging baskets, etc.

Geo. Keller & Son, Chicago, flower pots, fern pans, hanging baskets.

G. M. Garland Co., Des Plaines, iron gutters for greenhouses.

BATAVIA, ILL.—The Powell Co. has acquired land west of town and will erect three greenhouses 27x90.

DAYTON, O.—The Florists' Club is urging the city officials to establish more city parks.

CROWN POINT, IND.—August Dressel, of the Crown Point Floral Co., has begun the erection of two houses, each 40x150.

SOUTHERN FLORISTS.

First Annual Convention.

The first annual convention of the Society of Southern Florists was held at New Orleans February 14 to 16 and was a most pronounced success so far as the interesting nature of the proceedings was concerned, but in point of attendance and extent of trade display did not come up to the expectations of the promoters. President R. C. Berckmans was prevented from being present and the meetings were presided over by C. W. Eichling, of New Orleans, vice-president of the society, who acquitted himself most creditably. The report of the secretary showed a membership of fifty-six and the treasurer's report showed a balance of $104.90.

Essays were read as follows: "Chrysanthemum Growing in the South," F. P. Davis, Mobile, Ala.; "Profitable Orchids for the Florist," J. A. Newsham, New Orleans; "Packing, Shipping and Express Rates," C. W. Eichling, New Orleans; "Roses Under Glass in the South," R. Lockerbie, New Orleans; "What the South Can Grow for Northern Markets," B. M. Wichers, Gretna, La.; "Laws and Regulations Controlling Spread of Insects and Plant Diseases," A. A. Rosenfeld; "Experience with Carnations in Alabama," W. B. Patterson, Jr., Montgomery, Ala.; "Gardening in the Public Schools," Prof. Caldwell, Nachitoches, La.

The presentation of each paper was followed by interesting discussion, in each the New Orleans craft participated and from which many valuable points of personal experience were extracted. Among those who figured in the debates were J. A. Newsham, R. Lockerbie, C. W. Eichling, Joseph Steckler, P. Abele, E. Baker, A. Alost, W. B. Patterson, Jr., M. M. de Lapouyade, P. A. Chopin, B. M. Wichers, Harry Papworth, C. R. Panter, W. L. Kroeschell and others. It was the consensus of opinion that none of our trade organizations has ever had a more valuable set of papers, nor has it ever had more interesting and instructive discussions.

The officers elected were as follows: President, J. A. Newsham, New Orleans; vice-president, F. P. Davis, Mobile, Ala.; second vice-president, W. B. Patterson, Montgomery, Ala.; treasurer, Joseph Steckler, New Orleans; secretary, Paul Abele, New Orleans; executive committee, E. H. R. Green, Dallas, Tex.; Edw. Baker, C. R. Panter and R. Lockerbie, New Orleans.

The selection of the place of next meeting was left in the hands of the executive committee.

A part of the closing session was devoted to a discussion as to how greater interest could be aroused among the members outside of New Orleans. It was the general opinion that an excellent start has been made in the first year of the society's existence and that the prospect is good for a much better attendance at the second annual meeting.

Among those present from out of town were W. L. Kroeschell, of Kroeschell Bros. Co., Chicago; George O. Stoddard, of Caldwell, the Woodsman Decorating Co., Evergreen Ala.; C. D. Otis, Lake Charles, La.; M. J. Galvin, Uniontown, Pa.; W. B. Patterson, Jr., Montgomery, Ala.

The trade exhibition was largely confined to the displays of stock by New Orleans growers, but many of these were of much interest. M. Cook & Son made a fine display of sweet olive raised from layers, exhibiting plants all the way from 4-inch pots to specimens six feet tall. B. M. Wichers, Gretna, La., had a fine display of ferns of the nephrolepis varieties. C. W. Eichling staged plants of Adiantum hybridum and A. magnificum. J. A. Newsham had two groups of decorative plants, including a pair of Cocos Australis valued at $150. He also had fine azaleas and rhododendrons. Abele Bros. staged a large quantity of flowering plants. Chas. Eble showed good stock of palms and ferns. The J. Steckler Seed Co. had a splendid display of vegetables, grown from their seeds. S. Nosacka & Son, New Orleans, showed wire frames. The Avenue Floral Co. had an exhibit of Target brand scale destroyer. Kroeschell Bros. Co., Chicago, had one of its boilers on exhibition. The Paducah Pottery Co., Paducah, Ky., exhibited a general line of its wares.

Saturday evening seventy members of the New Orleans Horticultural Society and guests sat at a banquet at Fabacher's restaurant. An excellent menu was partaken of, after which President Otto Abele introduced C. R. Panter as toastmaster. He filled the post most acceptably. J. C. Waldo, assistant district attorney, was the speaker of the evening, and a number of those in the trade, including the visitors, were called on for remarks. The banquet was one of the most successful features of the convention.

SEASONABLE SUGGESTIONS

Chinese Primroses.

Nicely bloomed plants of Chinese primroses sell well at Christmas. It may seem a long cry ahead to that festival, but if nice plants in 5-inch or 6-inch pots are desired the seed should be sown not later than the middle of March. Of course, flowering plants may be secured from later sowings, but the seed will germinate better now, before the sun has gained too much power. It never pays to purchase cheap mixtures of any of the choice greenhouse flowering plants. Buy the best strain procurable and, if you have critical customers, get it in separate colors. For a Christmas color nothing is better than Crimson King, introduced some years ago by Sutton, the well-known English seed house. Soft pink, deep pink, pure white and blue are all good selling colors. The Duchess has jumped into great favor. It has a pure white flower of large size, with a zone of rosy carmine surrounding a clear yellow eye.

The newer Primula stellata, commonly known as star primroses, have been much improved the last two or three years. The flowers are smaller than in the case of P. Sinensis, but are freely produced, on long stems thrown well above the foliage. For decorative effect in rooms or for table centerpieces these are much superior to the older type. These are now procurable in about as many shades of color as the older type, but the varieties White Queen Star and Pink Star make the best plants. The blues and scarlets do not grow so vigorously.

In sowing primulas, pans or flats should be used, well drained, some coarse moss over the drainage, followed by finely sifted soil composed of two-thirds leaf-mold, one-third loam and a good dash of sand and powdered charcoal. Water the pans or flats after leveling them, drop the seeds evenly over the surface, sift a little compost over them, just enough to cover the seeds; water lightly, then cover with sheets of glass and lay paper over that until germination occurs, when they should be gradually inured to air and light. In a moist house with a night temperature of 60 degrees the seeds will germinate in from two to three weeks.

Cinerarias.

Cinerarias love a cool house, 45 degrees at night being high enough. They are now growing rapidly and if any need a shift ere flowering let them have it right away. A compost of two-thirds turfy loam, one-third dried cow manure and a little fine bone may be used for this final potting. Green aphis is partial to them and tobacco stems should be spread among them once a fortnight. Similar treatment will suit calceolarias. A spraying overhead early in the afternoon will be found beneficial.

Bulbous Stock.

We are now getting more sunshine and bulbous stock comes on much more rapidly. It is yet too early to bring in narcissi and tulips for Easter. From March 5 to 10, with ordinary winter conditions, should be sufficiently early. It will now be unnecessary to place the flats and pans in dark places to draw up the stems, as they will have made a good growth by this time and the extra sun heat will help to lengthen them. It will be well to allow such narcissi as Horsfieldii, Emperor, Sir Watkin and any of the Leedsi type a few days longer than such well-known forcing kinds as Golden Spur, Trumpet Major and double Von Sion. The early form of pheasant's eye, N. poeticus ornatus, is a most useful Easter flower and should be brought in right away, as it comes on rather more slowly. Do not subject any of these bulbs to a higher temperature than 50 to 52 degrees at night and they will be in ample time.

Such popular double tulips as Murillo, Rex Rubrorum, La Candeur and Tournesol will be found to need a little longer time for development than La Reine, Yellow Prince, Keizerskroon, the Pottebakker's, Cottage Maid and other singles. Hyacinths should be coming along within three weeks without undue forcing. It is always difficult to tell precisely the time needed to get these things in season. If March should be cold and



A Touch of Summer

Carried into your home on the delicate petals of our hot house flowers. There are chrysanthemums, carnations, roses and other beautiful cut flowers calling to you in their exquisitely delicate way from Schaefer's.

We take pride in our work as decorators, and if you want the church or home decorated for a wedding, or a floral tribute to the dead, you will be best satisfied with our work and flowers.

Schaefer's Inc.

378-384 B'way Both 'Phones



Flowers for "Events"

During the social period. A bouquet of our freshly cut and fragrant flowers will add a personal charm to the occasion. There are violets, carnations, roses, etc.

Our casket bouquets and other funeral tributes are made from an abundant supply of magnificent blossoms, cut for each order.

Schaefer's, Inc.

378-384 Broadway. Both 'Phones.

Winter Beauties

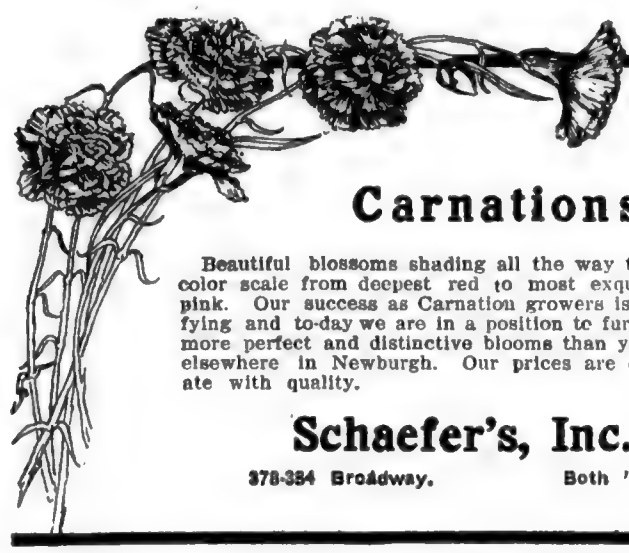
From the floral world with the perfume and freshness of natural growth breathing from every delicate petal and sturdy stem. Clusters of sweet violets are most appropriate for some places, while roses, carnations and other cut flowers are favorites for others. Our prices are fair, flowers the very best and all telephone orders receive our most careful attention.

We make a specialty of funeral work at lowest possible prices.

Schaefer's, Inc.

378-384 B'way. Both 'Phones





Carnations

Beautiful blossoms shading all the way through the color scale from deepest red to most exquisite shell-pink. Our success as Carnation growers is very gratifying and to-day we are in a position to furnish larger, more perfect and distinctive blooms than you will find elsewhere in Newburgh. Our prices are commensurate with quality.

Schaefer's, Inc.

378-384 Broadway. Both 'Phones.

Examples of the Advertisements Used Profitably by Schaefer's, Inc., Newburgh, N. Y.

rather sunless they will take the full time named. If warm and bright, they may need retarding in a cold house for a few days. Better to be a little too early, however, than too late and try hard forcing at the last.

Seed Sowing.

It will now be necessary to sow quite a number of seeds. The proper compost for these has been so many times described that it seems needless to say more about it. Briefly told, leaf-mold with a little loam and sand is the best medium for seed sowing. Fresh manure and heavy loams should not be used. See that all flats, pots or pans are well drained with broken pots or coarse ashes. Always finely screen the soil on which the seed is to be sown and press with a piece of light board to make level. For pots or pans one or two round pieces should be procured, or stiff cardboard will answer.

In the case of all fine seeds, like gloxinias, begonias, lobelias, etc., the seed needs no covering. It should be sown on the surface, after the soil has been watered, and in the case of larger seeds care should be taken to cover them thinly but evenly. Great care ought to be taken not to allow them to become dry after sowing. Do not on any account use the hose over them, but a watering can with a fine rose attached. If space is precious you can, after watering, place several flats one over the other, being always careful to uncover them as soon as the seeds are seen to be germinating.

The following seeds can be sown now: Asters, early varieties like Comet and Queen of Earlies; ten weeks' stock, verbena, Phlox Drummondi, Salvia splendens, Grevillea robusta, a useful decorative foliage plant; Dracæna Australis and congesta, petunias, fibrous-rooted and tuberous begonias, heliotropes, antirrhinum, pentstemon, ageratum, single annual hollyhocks, vinca and dianthus. It is too early yet to sow zinnias, ricinus (caster oil plant), Cobæa scandens, Nicotiana Sanderæ or affinis and moonflowers. Smilax and Asparagus plumosus nanus will now germinate freely in a warm house.

Propagation.

From now on the cutting bench should be well filled. In addition to coleus and alternanthera referred to last week, cuttings should be gotten in of achyranthes, lemon verbena, fuchsias, Hydrangea Otaksa, heliotrope, lantana and other plants there will be a call for later. Probably there are some chryanthemums you wish you had more of. Get some cuttings of these in right away. You will be able to propagate from these again long before you need to take cuttings for bench culture unless you are a grower of specimen blooms. We need hardly say that no sunshine should fall on the cutting bench. An hour's sun on an unprotected bench will nearly ruin it. Also be careful to water quite freely until stock is rooted, then keep a little drier until potted or boxed. Never allow cuttings to remain any longer than necessary in the bench after they are rooted. They only become hard and stunted.

THE RETAIL FLORIST.....

PROFITABLE ADVERTISING.

The Use of Newspapers.

Every progressive retail florist is interested in how others in his line have increased business and the method employed by Schaefer's, Inc., Newburgh, N. Y., will appeal to many similarly situated. Schaefer's have a range of twenty-five houses averaging twenty feet by 150 feet and grow a general line of cut flowers, bedding plants, palms, etc., selling their product at retail from their own store. There are also four other florists in their city with a combined capacity about equal to theirs. G. F. Chadborn, treasurer of the company, describes the situation as follows:

"In former years we were obliged to ship more or less of our product to the wholesale commission men in New York and elsewhere, the returns for which were not always just as satisfactory as desired, for we always had stock to sell when the market was well supplied and nothing to spare when the market was bare. About three years ago we conceived the idea of pushing our local retail trade in an endeavor to dispose of more stock at retail prices, leaving less to ship away at wholesale. This looked feasible to us as Newburgh is a city of 25,000 inhabitants, is located on the banks of the Hudson river sixty miles from New York city, and has an excellent class of people.

"We had previously used only a 2-inch single column space in one paper (we have four), but decided to try a larger space and instead of using the usual card, running the same from year to year without change, to use some up-to-date matter, display it attractively and change it weekly. We accordingly enlarged our space to three inches double column, inserting it in the two papers having the largest circulation. We then arranged with a young man here, who had but recently taken up advertisement writing as a business, to write up and lay out our stuff for us for a period of six months on trial. The success of the scheme was apparent almost immediately, as we began to receive inquiries and orders at once for such plants, flowers, etc., as we specially mentioned in the advertisement. There is hardly a week now but somebody mentions having read our advertisement, remarking as to its attractiveness, etc.

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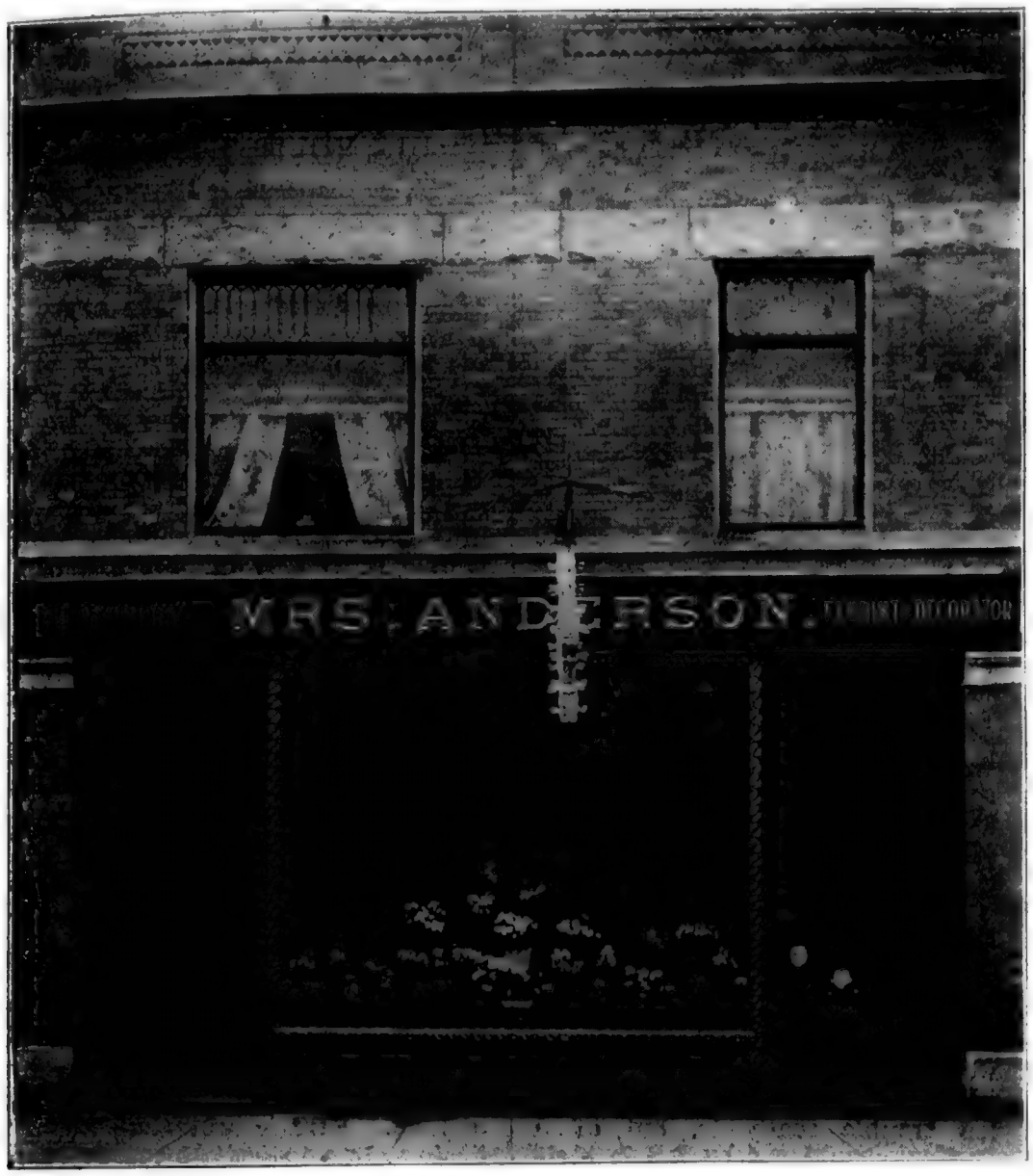
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Well, it all depends. So many conditions not mentioned in the query would have a bearing on the answer that one hardly likes to advise. If, as appears on first reading, G. G. can build another house as well as not, I would advise doing so; but if he does not wish to go to the additional expense of another house, or his ground is not favorable, or his boiler capacity limited, or he knows nothing about violets and only desires to experiment, I would say try part of the proposed lettuce house. He can easily put a partition in it and have separate heating coils in it, so that he can maintain the desired temperature.

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After getting all the information that one can on such matters, one will still have to come to a decision for himself, owing to all the many conditions that a stranger cannot consider, knowing nothing about them. R. E. S.



Store of Mrs. E. A. Anderson, Chicago.

A GROWERS' COMBINE.

There have for some time been rumors afloat of the plans of a gentleman, now engaged in the trade, to form a combine to embrace the principal growers in a large extent of especially prosperous territory for the purpose of reaping the benefits which consolidation has gained in some other lines of business. It is reported that this is to be no gentlemen's agreement, but that the plants are to be acquired by purchase, and in one or two localities where there are good markets and excellent shipping facilities, but no large ranges to be acquired, big new modern plants are to be built.

Although the reputed originator of the idea is a man of considerable financial resource, of wide business experience and undoubted energy and ambition, his scheme as reported has not been taken seriously because of the economic conditions which govern in our trade. Thus far the law of supply and demand has been found inexorable in the wholesale cut flower markets. And there are two facts which have been developed by the operations in other lines which would have an important bearing on any plans for consolidations in the greenhouse industry. First, no combine has been successful which has sought its profit through an arbitrary advance in prices; profit has only come through economy in production and maintaining a steady market. Second, no combination not based on a control of raw materials has been free from constantly increasing competition, which has operated against the stability of the market. In the cut flower business the man who comes nearest to controlling his market is not necessarily the one who produces largest quantities, but the one who produces highest quality. If an operator controlling a large part of the supply should seek to take advantage of the necessities of the trade in times of light supply he would only succeed in accelerating the rate at which glass is now being put up by those who formerly were among the wholesalers' best customers. To those not green at the business it has for several seasons been apparent that one of the chief difficulties of those growing for wholesale is that too many of their customers have enough stock from their own glass in times of good crops and only call upon the wholesaler for specialties, or at times of short supply, when the wholesaler, too, is off crop.

It probably is a safe guess that if the combine in question actually were undertaken not many growers would refuse adequate cash offers, but that most of them would decline to take corporation stock in payment for their plants. Nor would the best men care to be identified either with the success or failure of a corporation which in the slightest degree embodied the trust idea. The florists' business is to this date, and to many it appears that it always will be, an individual enterprise.

VITIS THUNBERGI.

Of all the hardy vines Vitis Thunbergi is by far the most handsome, says a writer in the Gardeners' Magazine, and certainly it is one of the most remarkable introduced from China and Japan. For clothing buildings, pergolas, pillars, etc., it is of great value on account of its rapid growth, handsome foliage, and magnificent autumnal coloring. The leaves are fully one foot long and as much in width, very thick and leathery, with a dense tomentum on the under surface and rich, glossy green above.

In many respects this vine closely resembles V. Coignetiæ, but the growth is not quite so vigorous, though the foliage is larger, and the two can most easily be recognized in the autumn, when V. Thunbergi commences to put on its magnificent tints. Vitis Coignetiæ, though a rampant grower and a useful plant for many positions, is nevertheless disappointing in the autumn, and it is quite the exception to hear of a finely colored specimen. Of V. Thunbergi I have never heard any complaint in this respect, and have seen it coloring highly in several parts of the country.

The name of V. Thunbergi for this vine has often been disputed by botanists and there are many now who regard it as incorrect, and consider it to be a form of V. Coignetiæ. Nicholson's Dictionary gives V. Thunbergi as a synonym of V. Labrusca, but the Kew Hand List, which is more recent, includes V. Thunbergi as a separate species from China and Japan. In the most interesting booklet upon "Hardy Ornamental Vines," by James H. Veitch, Vitis Thunbergi is described as reaching Europe from China and Japan.



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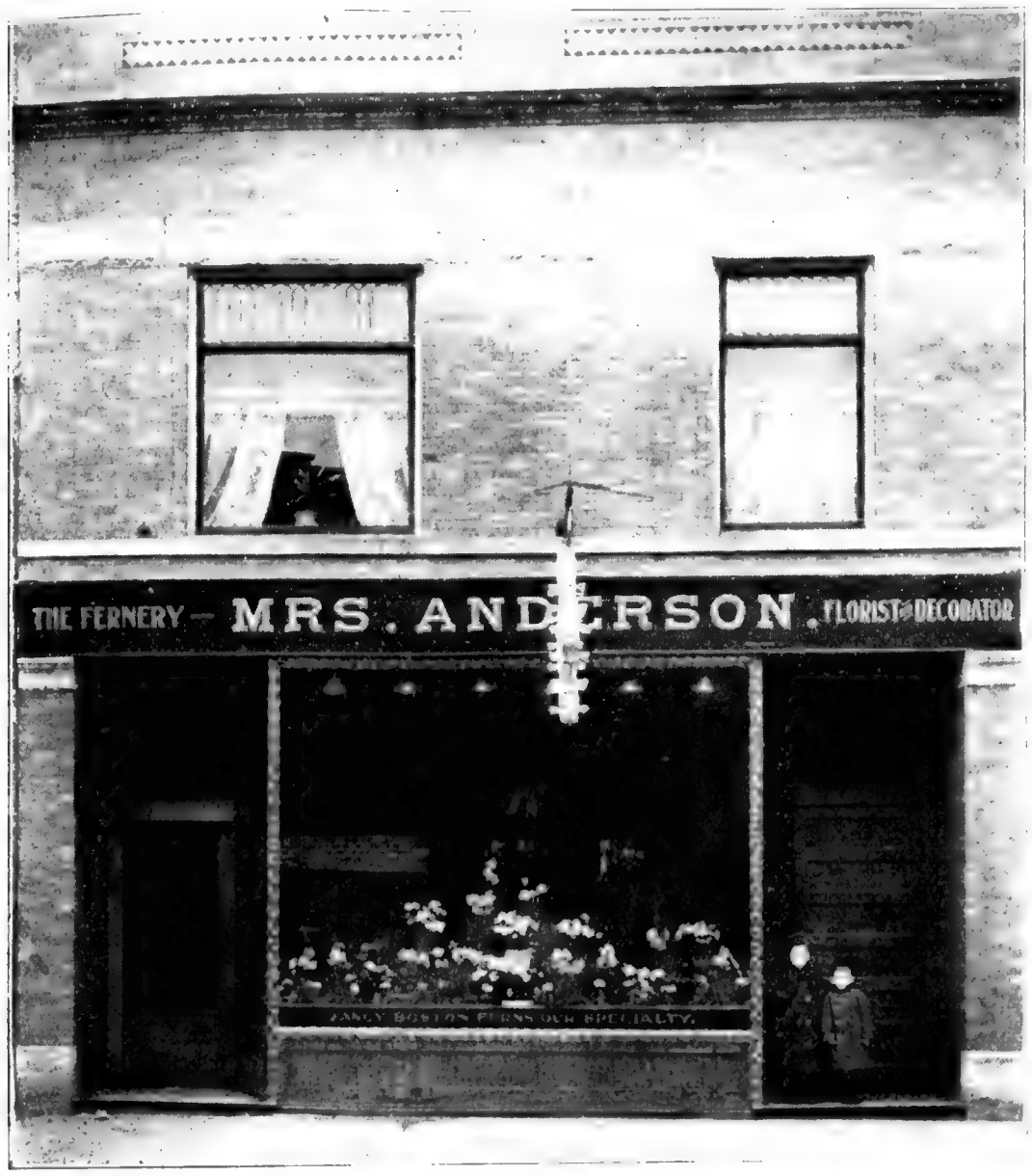
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Well, it all depends. So many conditions not mentioned in the query would have a bearing on the answer that one hardly likes to advise. If, as appears on first reading, G. G. can build another house as well as not, I would advise doing so; but if he does not wish to go to the additional expense of another house, or his ground is not favorable, or his boiler capacity limited, or he knows nothing about violets and only desires to experiment, I would say try part of the proposed lettuce house. He can easily put a partition in it and have separate heating coils in it, so that he can maintain the desired temperature.

I can assure him that I have seen as fine violets as were ever grown, growing in east and west houses; in fact, during the short, cloudy days of winter they are all right. But taking it earlier and later, when the sun gets brighter, or rather the days get brighter, then the north and south house gets the best of it, from the fact that at midday the light is diffused and does not come on the plants so strongly.

After getting all the information that one can on such matters, one will still have to come to a decision for himself, owing to all the many conditions that a stranger cannot consider, knowing nothing about them. R. E. S.



Store of Mrs. E. A. Anderson, Chicago.

A GROWERS' COMBINE.

There have for some time been rumors afloat of the plans of a gentleman, now engaged in the trade, to form a combine to embrace the principal growers in a large extent of especially prosperous territory for the purpose of reaping the benefits which consolidation has gained in some other lines of business. It is reported that this is to be no gentlemen's agreement, but that the plants are to be acquired by purchase, and in one or two localities where there are good markets and excellent shipping facilities, but no large ranges to be acquired, big new modern plants are to be built.

Although the reputed originator of the idea is a man of considerable financial resource, of wide business experience and undoubted energy and ambition, his scheme as reported has not been taken seriously because of the economic conditions which govern in our trade. Thus far the law of supply and demand has been found inexorable in the wholesale cut flower markets. And there are two facts which have been developed by the operations in other lines which would have an important bearing on any plans for consolidations in the greenhouse industry. First, no combine has been successful which has sought its profit through an arbitrary advance in prices; profit has only come through economy in production and maintaining a steady market. Second, no combination not based on a control of raw materials has been free from constantly increasing competition, which has operated against the stability of the market. In the cut flower business the man who comes nearest to controlling his market is not necessarily the one who produces largest quantities, but the one who produces highest quality. If an operator controlling a large part of the supply should seek to take advantage of the necessities of the trade in times of light supply he would only succeed in accelerating the rate at which glass is now being put up by those who formerly were among the wholesalers' best customers. To those not green at the business it has for several seasons been apparent that one of the chief difficulties of those growing for wholesale is that too many of their customers have enough stock from their own glass in times of good crops and only call upon the wholesaler for specialties, or at times of short supply, when the wholesaler, too, is off crop.

It probably is a safe guess that if the combine in question actually were undertaken not many growers would refuse adequate cash offers, but that most of them would decline to take corporation stock in payment for their plants. Nor would the best men care to be identified either with the success or failure of a corporation which in the slightest degree embodied the trust idea. The florists' business is to this date, and to many it appears that it always will be, an individual enterprise.

VITIS THUNBERGI.

Of all the hardy vines Vitis Thunbergi is by far the most handsome, says a writer in the Gardeners' Magazine, and certainly it is one of the most remarkable introduced from China and Japan. For clothing buildings, pergolas, pillars, etc., it is of great value on account of its rapid growth, handsome foliage, and magnificent autumnal coloring. The leaves are fully one foot long and as much in width, very thick and leathery, with a dense tomentum on the under surface and rich, glossy green above.

In many respects this vine closely resembles V. Coignetiæ, but the growth is not quite so vigorous, though the foliage is larger, and the two can most easily be recognized in the autumn, when V. Thunbergi commences to put on its magnificent tints. Vitis Coignetiæ, though a rampant grower and a useful plant for many positions, is nevertheless disappointing in the autumn, and it is quite the exception to hear of a finely colored specimen. Of V. Thunbergi I have never heard any complaint in this respect, and have seen it coloring highly in several parts of the country.

The name of V. Thunbergi for this vine has often been disputed by botanists and there are many now who regard it as incorrect, and consider it to be a form of V. Coignetiæ. Nicholson's Dictionary gives V. Thunbergi as a synonym of V. Labrusca, but the Kew Hand List, which is more recent, includes V. Thunbergi as a separate species from China and Japan. In the most interesting booklet upon "Hardy Ornamental Vines," by James H. Veitch, Vitis Thunbergi is described as reaching Europe from China and Japan.



Store of Mrs. E. A. Anderson, Chicago.



FEEDING.

The general treatment of the houses during the next few weeks will entail a great deal of work and care and, as the spring work increases, there is often a tendency to let the old stock look after itself and beyond giving it its daily watering, syringing and ventilation it receives little attention. We are yet a long way from the end of the season and if we expect the stock to do a good season's work we must supply it with the sinews of war.

Stock which is strong and has been doing good work during the winter and fall should now receive a liberal supply of food as the element necessary to produce fine flowers must now be pretty well exhausted, or in such a condition that it is no longer available for food. To supplement this a good rich mulch will be of great benefit. Previous to applying the mulch it is also beneficial to apply a sprinkling of bone meal. Liquid feeding can also be indulged in with good results, but this should always be used rather weak for a first application.

Where large, well shaped and highly colored buds are expected the plants must have the proper amount of food at the proper time, be carefully watered and ventilated, and all this can only be accomplished after carefully studying the wants of the plants, both as regards food and air.

The American Rose Society's show, which will be held in Washington next month, will be an exhibition of the effect of the highest grade of rose culture, which should be of the greatest interest to growers and lovers of this queen of flowers.

The work accomplished by the society in the past has been of incalculable benefit to the commercial grower who is every day reaping this benefit and in many cases without making inquiry as to the source from which it is derived.

It is the duty of every rose grower to identify himself with this society by becoming a member, lending it strength by his presence at its meetings and adding his quota of experience to the rest for the benefit of the whole.

By attending the exhibition next month in full strength it will do much to encourage the work, add interest to the cause and be of lasting benefit and profit to each and every one attending. There is a splendid list of special premiums and any grower who has an idea that his stock is the best in the market will be well rewarded should he prove it in the exhibition. Ribes.

TROUBLE WITH ROSES.

I am having trouble with my roses. The plants are losing their leaves, the blooms are getting smaller and there are only a few of them. Early in the season the plants did well, the flowers being of fair size. I think they need some fertilizer and perhaps are kept too dry. I would like to know if something can be done on a crop for Easter. The weather has been dark and rainy and we have mildew. The soil is clay loam.

H. G. F.

Without examining a specimen, or seeing the conditions under which the roses were grown, it would be unsafe to say what the trouble really is, but of a certainty they should not be fed in their present condition, as that would only accentuate the trouble.

If they have been run so dry that the bottom of the soil has become dusty, that would account for the whole of the trouble and the true remedy would be to gradually begin giving more water and continue doing so until the whole of the soil is of a uniform moistness; then watch results and vary the supply as circumstances or weather may demand.

Even under the most skilful treatment I fear there is little show for a good crop at Easter. Ribes.

IN YOUNG'S BIG HOUSE.

The accompanying illustration is from a photograph made recently in the big greenhouse of the John Young Co., at Bedford Station, N. Y., a few miles from the metropolis. The house is 56x 701 and is devoted to Beauties. The results to date have been far ahead of Mr. Young's expectations, the cut at Christmas having been especially heavy. The location is an ideal one for cut flower growing. Mr. Young has ninety-five acres of land amid the West Chester hills and it is not unlikely that ultimately there may be here a much larger range of glass.



Beauties of the John Young Co., Bedford Station, N. Y.

ERRATIC TREATMENT OF ROSES.

Will you please try and discover what the trouble is with the enclosed rose bush, we find several in this condition on our benches. The edges of some of the leaves get brown and dry and the leaves finally die. We notice it more on the Chatenay than Bride.

S. F. Co.

The specimen sent shows every sign of having been subjected to erratic treatment. The soil is of fine quality and the plants have evidently done well in their younger stage, but seem to have been badly treated since firing commenced. Erratic watering, such as allowing them to become too dry and then overwatering, and also careless ventilation, will account for their present state.

While their vitality is so low they should be kept medium dry. Keep up a moist atmosphere, give no feeding and keep at a night temperature not to exceed 56 degrees with a day temperature of from 60 to 75 degrees, according to intensity of sunshine. With the longer days and increased sunshine they ought by this treatment to recover after a little time. Ribes.

STOCK FOR STANDARD ROSES.

What kind of stocks shall I use for tree roses, and where can I find them? Will strong stems of Manetti or Mme. Plantier do? What kind of roses do best on them? D. H.

We should say Manetti stocks, if sufficiently strong, should answer well. We have had no experience with Mme. Plantier as a stock. Rosa rugosa, however, and the common dog rose, Rosa canina, should answer well. We do not know where the stocks for tree, or standard roses as they are usually called, are procurable in America. Most of this stock is imported from France or Great Britain. W. N. C.

AMERICAN ROSE SOCIETY.

A meeting of the executive committee of the American Rose Society was held February 11, in Traendly & Schenck's office, New York city. The president, Robert Simpson, reported that Robert Craig, of Philadelphia, Wm. F. Kasting, of Buffalo, and P. J. Hauswirth, of Chicago, had consented to act as judges at the Washington exhibition.

The following have been added to the list of special prizes: A $25 by W. A. Manda, of South Orange, for the largest and most varied collection of cut roses of all classes, one or more blooms in a vase. Wm. H. Ernest, of Washington, offers $25 for a group of decorative plants covering at least 100 square feet. Vaughan's Seed Store, New York, offers $10 in gold for six plants of White Baby Rambler rose, grown in 5-inch pots or larger. For the best vase of yellow roses of any variety, $10 in gold is offered by Siebrecht & Son, New Rochelle. For the best fifty blooms of Golden Gate, a silver cup valued at $25 is offered by W. Atlee Burpee & Co., Philadelphia. For the best twenty-five blooms of La Detroit $25 is offered by John Breitmeyer's Sons, Detroit.

The schedules of the society's prizes covering the joint affairs of the American Rose Society and the Washington Florists' Club was submitted; but there will be a supplementary list issued, as the list of prizes is increasing. Many people have shown an interest who had not been heard from until within a few days.

E. Gurney Hill will read a paper on "New Varieties." There will be two questions offered for discussion at the society meeting, as follows: First: what definite work can the American Rose Society take up at this time for its members, in particular, for the rose-loving public in general, that it does not now do? Second: granted that a largely increased membership is desirable and essential to the permanence and usefulness of the American Rose Society, how may it best be obtained and where shall we find ready responses, among the professional florists and gardeners, or who are commonly called amateurs?

The Washington Florists' Club is making strenuous efforts to make this show a decided success. The Arlington hotel has been chosen as the headquarters of the American Rose Society. The official meetings of the society will be held in the exhibition hall, corner Fifteenth and E streets, N. W., Washington, D. C., the first meeting beginning at 8 p. m., March 13.

The secretary reported that a pamphlet is now in press, covering the matters of the past, the constitution of the society, and a chapter on "Roses," from the Woman's Hardy Garden, by Helen Rutherford Ely. This work follows in the line which was followed, by W. J. Stewart a year or more ago and is intended for distribution to members and others interested in becoming members of the society.

BENJAMIN HAMMOND, Sec'y.

CARNATIONS

MR. RUDD'S SEEDLINGS.

ED. REVIEW:—As comment has several times been made on the high numbers given my seedlings, a little explanation of our system of numbering may prevent our being credited with more work in that line than we have done.

We number all crosses each year, beginning with No. 1. To these numbers we add the two figures denoting the year. The letters added distinguish the different seedlings from the same pod. 16802a means cross No. 168 of the year 1902 and the first plant blooming from that pod of seed, which we saved for further trial. We might also have 16802b, 16802c, and 16802d, for example. These would all be from the same pod, and the letters would indicate the order in which the first bloom appeared.

This method of numbering is very simple and, to the initiated, conveys considerable information. W. N. RUDD.

CARNATION NOTES.—WEST.

Seasonable Treatment.

During the last week we have had almost continual bright weather and I dare say that every grower is glad of such a change. It is surprising, though, how the quality of the carnations has kept up in spite of the unfavorable weather we have had since a week before Christmas. It shows what abundant ventilation and careful watering will do. Those who have been less careful along that line have been complaining of soft blooms, weak stems and too many splits.

Those whose stock has grown soft from lack of ventilation, etc., will be having their troubles for a week or two yet, until the plants become accustomed to the bright sunshine, and great care must be exercised in the watering and ventilating. The plants will wilt badly during the middle of the day and you must counteract that as much as you can. About 10 o'clock take the hose and spray them lightly overhead and dampen any walks that are exposed to the strong sun to help keep the atmosphere moist. About 1 o'clock repeat the spraying, but be sure it is light, so the plants will dry off again before night. The paths, too, should be comparatively dry by evening, so don't overdo that part of it. A few days of this treatment will hold them up until the growth hardens enough to stand the full sunshine. More watering will be needed, too, especially on the south side of the beds, but don't think you can prevent wilting by watering heavily at the roots. It won't help any, you must depend on the syringing for that. But watch the soil closely and do not allow them to become too dry.

It will be more difficult to maintain a uniform state of moisture in the soil, because it will dry out so much more from one day to the next and you must often water a little sooner than you would in cloudy weather in order to prevent the other extreme, which would likely be more harmful. The plants can stand a moister soil during bright weather, too, so no harm should result.

You can help matters considerably by applying a light mulch of loose material to the beds. Half-rotted stable manure will answer the purpose perfectly. Put it on a scant inch thick and spread it out evenly over the soil. After that is put on you must be careful with your watering, lest you get them too wet, as evaporation will be slow. The mulch need not be much of a food, though of course it is sure to contain some food and if you have been feeding regularly you will do well to cut it out until you have watered through this mulch a few times. If you have not been feeding any and you think your plants are in good condition to take some extra food then you can first sprinkle the soil with finely ground bone or whatever you may prefer to feed with. This mulch will keep the bone moist and help to dissolve it.

If the plants came through the winter in good shape thus far they will likely need a little feeding from now on. Bone meal, sheep manure, cow manure and dried blood are about all you need. In fact, you can get along without the last named, but it is a good thing for quick results. The quality may be good now, but you want to build up the plants now for the spring crop, so it will be of good texture.

This bright weather is severe on the cuttings in the propagating bench, and you must keep your wits about you, else there will be trouble. In taking cuttings from the plants you should be careful, too, to take them off when the plants are in a fresh condition. In the morning before the sun has gained much strength is the best time. With a little forethought you can take off enough to keep you busy during the day and by keeping them damp and covered they will be in excellent condition.

A. F. J. BAUR.

CARNATIONS IN THE SOUTH.

[A paper by W. B. Patterson, Jr., of Montgomery, Ala., and read before the Society of Southern Florists at the New Orleans Convention, February 14 to 16, 1907.]

I have been asked to write a paper on "Carnation Culture in the South." It strikes me that this is quite a broad subject, for we have a large area when we take in what is known as "the south." In fact, I am sure that there

are just as wide differences as to climate and soil as there are between the New England and the western states.

My knowledge being limited to Alabama and adjoining states, I will endeavor to give my personal experience, and those facts which I have picked up from neighboring growers, rather than attempt a broader scope.

I believe that we growers in the south have a far more difficult problem in growing carnations than our northern brethren. Our long, hot summers and lack of good soil are our most serious handicaps.

Treatment of Cuttings.

In selecting the cuttings I am always careful to take them from the healthiest and strongest plants, using side cuttings from the blooming stem always, except when we wish to work up the stock of a certain variety; then we use top cuttings also; but we have found the side cuttings root better and make the strongest and best shaped plants.

We use fine, clean sand. It does not make much difference about the sand, just so it is clean and entirely free from decayed matter of any kind.

We use a little bottom heat, about 56 to 58 degrees, with a top or outside temperature of 48 to 50 degrees. With too much bottom heat the vitality of the plant is injured. Our first effort, six years ago, to root carnations was a total failure, due entirely to too little water. For the first two weeks you cannot give the cuttings too much water: then afterwards water very lightly, until, after three weeks, none at all. In thirty days most varieties will be rooted well. If you can so arrange it that the cuttings can get the full sun after two weeks they will make better cuttings. The more light the better after the cuttings are struck.

Transplanting.

We transplant them into a bench with about two and one-half inches of soil planting them one and one-half inches apart in the row and rows about two and one-half inches apart. We find this method better than pots, for then the cuttings are not liable to become stunted or pot-bound and do not dry as when they are planted in pots. When the time comes to plant them in the field, we cut them out with a flat trowel.

We always try to plant in the field the first good weather we get after March 25, believing in an early start and early planting in the houses afterward. In our locality this date is not too early, for we never have cold weather enough to injure them after March 25. Probably this date would be somewhat too early for those north of our latitude. After getting them planted we keep the cultivator and hoes going once or twice a week. In fact, as often as the weather will permit we cultivate shallow and often, keeping a light, loose layer of soil on top all the time.

A Problem of Soil.

By the second week in July we are ready to plant indoors again. But before taking this up I will take up the soil. Here we have our most vexing problem. We have been using ordinary red clay subsoil mixed with manure in the proportion of three parts clay to one part manure. This soil is made up one year before using. In fact, this soil is the only kind used by the majority of growers in Alabama, Georgia and Mississippi. The top soil in most of these localities is too light and sandy.

We have this year invested in thirty-two acres of an old pasture. This soil is what is known as black prairie soil, and this is the best farming soil in the state. It can be found in all degrees of stiffness, to a sandy loam. It closely resembles the prairie soil of the western states and is found in limited areas in Georgia, Alabama and Mississippi, the belt of it in Alabama running just south of Montgomery.

Treatment of Plants.

We use about four to five inches of soil on the benches and give the plants a distance of ten to twelve inches, depending on the size of the plants and variety planted. We have an experienced man in the field to dig the plants, being careful to get as many roots as possible and to injure as few as possible.

Just before planting we give the soil a light dressing of bone meal. We are careful not to use too much, for I believe too much of it retards the early taking hold of the soil by the plants. After planting, being careful not to plant too deeply, we give the plants a thorough soaking. When the soil becomes dry enough, we keep it scratched and loose half an inch down so that the air is admitted to the soil freely. We are careful not to give them too much water to start on, but keep them rather on the dry side for the first month or six weeks. As the plants take a firmer hold they require more water.

After the plants have begun to grow nicely then we stake them, getting the lanky varieties staked first. We use the model carnation support, but believe a combination of this support and string wire is just as good, using the rings to support the body of the plant and the wire and string to support the shoots.

We always spray our carnations on bright, sunshiny days, trying to get as much force as possible. Using judgment as to the varieties more subject to rust, and being sure that the day will be clear, we are always able to keep down red spider and have no trouble with the rust, except where some varieties have contracted it before housing, especially during a wet summer which we sometimes have. A solution of this I believe is early housing or indoor culture, of which I will have more to say a little later.

The first feeding is given about the middle of November or the first part of December in the form of one-half inch of well-decayed cow manure with light dressing of hard-wood ashes and bone meal. By January 1 the roots are all through this mulch. Then we begin feeding liquid manure, using it weak at the first three or four applications, making it a little stronger each watering.

We give them a watering with this once a week. We use all wood ashes and a little bone meal about twice a month, mixing it with a little rotted manure and giving it to them in the form of a light dressing, letting the water wash it into the soil. Toward the first part of April, when the sun gets hotter and the soil begins to crack lightly, especially along the edges of the benches, we give them another mulch, a little heavier than the one we gave in the early winter.

Insects.

Our most dangerous enemy is thrips. In fact, it is hard to get entirely rid of them, for you can find them on everything outdoors during the summer. Our best remedy is fumigating with tobacco dust and red pepper. Spraying with To-bak-ine with a fine spray pump is also an efficient remedy. We found it a little more expensive than tobacco dust, but I believe it has a quicker effect in that it reaches the insects quicker and more readily than the smoke. We keep a close lookout for this insect, for it may ruin the plants before we know it. In fact, after the plants have taken good hold of the soil I think it as good a plan to spray them with To-bak-ine once a week, even if we do not see signs of thrips being present, or fumigate with tobacco and red pepper as soon as the houses are closed in.

The aphides are easily handled. In fact, we get rid of all of them in trying to keep down thrips.

With careful spraying we never have much troubles with the red spider.

Diseases.

The most dreaded and the only disease that has given us any trouble is stem-rot. This was due mostly to planting the carnations in the same field two or more years in succession. I think it a good plan never to plant carnations in the same plot of ground the succeeding year. Carrying this plan out strictly, and being sure that no kindred disease, as wilt or stem-rot in other plants, has been in the field we intend to plant, I am sure this disease will give us no trouble. Sometimes when the summers are rainy we have trouble with rust. But by housing early in July this is usually avoided, for we generally have this rainy spell in August.

Indoor Culture.

I would like to say here a little about indoor culture entirely. From the little experience that I have had on this line, and what I have seen from greenhouses in adjoining cities I am sure it can be made a success.

The Lawson, Enchantress and kindred types have already proved adaptable to indoor culture and I think with more experience as to the care and growing of them indoors it will succeed field culture, and I feel sure that I will be able to say more about this next year.

Varieties.

The following are the varieties grown by us: For white, our mainstays are Boston Market and White Cloud. We also grow Wolcott, Moonlight, Fred Burki, White Perfection, Lieut. Peary and The Queen. White Perfection is undoubtedly the best commercial white to date. For pink, we grow mostly E. A. Nelson and Lawson. We also grow Joost, Nelson Fisher and Helen Goddard in limited numbers. For light pink, we grow Enchantress only. What is the use of growing others in this shade when you have Enchantress? We have a rose-pink sport of Enchantress which is a good one; probably the same thing that is on the market elsewhere. For red, we grow Crusader and Cardinal as the best. We also grow Red Lawson and America. For maroon shades, we grow Harlowarden and Glow Worm. The last named I consider better than Harlowarden.

We have invested in some of the newer varieties, namely Winsor, Helen Gould, White Enchantress, Aristocrat, Victory, Red Chief and Beacon, which we cannot say much about until they have a thorough trial.

Encouraging Prospects.

I feel much encouraged that we southern florists and growers are now able to organize as a body and can get together and talk over our experiences and I believe that this first convention marks an epoch in our growth. It means that the south is to come forward soon, in the introduction of new varieties of carnations, roses and other greenhouse and garden plants, and I believe that in this way we will be able to get varieties especially adapted to our soil, climate, etc.

IRIS DELAVAYI.

There is much to admire in this new species of grassy iris from Yunnan—a free-growing plant that seems to be very accommodating in its requirements, and showing such good qualities that entitle it to rank with I. aurea, I. gigantea and I. Mounieri, both in border planting and for waterside.

The flowers are superb, colored the richest violet, blotched very slightly with white on the long, narrow "fall" petals, and they are produced in plenty from clumps two years established. I have it growing well by a waterside under the treatment given to Iris Kæmpferi, says a writer in the Gardeners' Magazine, and its growth is satisfactory in every respect—the spikes reaching a height of fifty inches, each yielding several flowers. The leafage is particularly graceful, and may be likened to that of the lesser reed mace—narrow, slender, slightly arching, and over a yard in height.

I saw it last autumn in Scotland thriving equally well under drier conditions, growing in competition with asters, border phloxes, and pyrethrums. Its growth there was not so tall, but flowers were produced in plenty and they were of good size. The lance-shaped, drooping falls remind one of the rarer Japanese Iris albo-purpurea, and many of the American group, but none of these has such intense coloring. This rich violet is rare among irises. Reticulata and Douglasiana alone have it, and it is rarer still among plants that can be used by waterside in July and August. This iris appears to be quite hardy anywhere in Britain.



PROPAGATING.

It is none too soon to begin propagating for the coming season's work. All of the early varieties, and also the slow growers, should be put into the sand this month. Under the head of slow growers I class such varieties as Beatrice May, May Seddon, Merza, Nellie Pockett, Cheltoni and Mary Ann Pockett. Early propagation of these varieties permits of their attaining a good length of stem, which, when propagated later, they do not have a chance to do. Beatrice May, rooted as many commercial growers would root it, in May or June, will not attain a height of over eighteen inches and such a stem is hardly long enough for cutting.

The extra early kinds, too, must be under way in good season so that good stock can be set out in May; this being necessary because, in the case of Monrovia, for instance, buds must be secured late in July, to obtain the flowers during the last of September. The grower who is looking for very early flowers must always keep in mind that it means early propagation, early planting and early bud selection. The last year was perhaps the best that the growers of early varieties ever enjoyed; prices were excellent and the buyers were clamorous for flowers. Whether this will continue this year we cannot say, but let us hope so. The scarcity of other stock was a prime factor in bringing about this result and, while we are not selfish enough to desire to profit by our neighbor's loss, it is to be hoped that the early kinds will find a warm welcome awaiting them. One great advantage of the early kinds is the fact that they are gone early and make room for a lot of stock just at a time when room is needed, with everything waiting to be housed from frost.

Getting back to the propagating. The operation of making cuttings and putting them in the sand is so simple and well understood that there is no need of going into detail; but one should, wherever possible, judiciously select the cuttings. The suckers that spring out of the ground around the stem of the parent plant make the best cuttings. The shoots that appear on the old stem should never be used, as they almost invariably run up to bud when they begin to grow, and never make really good plants.

It is, of course, assumed that the stock plants are up on a bench in a good light position somewhere and not thrown under the bench and left there. Simply because a chrysanthemum will make some kind of a growth, no matter where it is put, is no reason why it should not get a fair show. I like to plant my stock plants out on a bench in new soil and when this is done the old stools will produce quantities of stock; when, if left in the old, sour soil, oftentimes the plants will go back and, in any case, they do not as a rule seem to push out so freely as the transplanted stock. I have for years propagated the finest cuttings I could get in November and used these for stock plants to propagate from in early spring. This method does away with the old plants, with their legacy of leaf-spot, fly and other diseases, as one is propagating only from vigorous young plants. This sounds perhaps like forcing to some growers, who are in favor of holding the old plants in a semi-dormant condition all winter, "giving them a rest." But if the young stock is grown in a proper temperature, 45 to 50 degrees, they produce better cuttings in spring than the old stools, and unless rushed to death they, to my mind, give better results.

CHARLES H. TOTTY.

MONROE, MICH.—Walter Vandegrift, of Adrian, has bought property here and will engage in the florists' business.

MUMS IN THE SOUTH.

[A paper by F. P. Davis, Mobile, read before the Society of Southern Florists at the New Orleans Convention, February 14 to 16.]

The chrysanthemum to be a commercial flower must have perfectly clean foliage and the delicate texture which can only be had under glass, and, therefore, the chrysanthemum of commerce must be so grown.

The Only Way.

Many inquiries have been made by beginners as to how to grow chrysanthemums in the garden in the south. I have read some of the answers by authorities on the subject of mum growing in cold climates, and have been as often amused. When such queries have been submitted to me my invariable answer has been, "It cannot be done." Surely the plant will grow, and grow luxuriantly, in the open, but the flower is coarse, soiled, weather beaten, thrips eaten, and what not. Some of our retailers grow it outdoors and use it largely for funeral work; for which class of work it is well known anything can be used, as the dead man never kicks, and his family, however unattractive the flowers sent in by friends may be, would not give expressions to wound the feelings of such friends. I make this apology for having been assigned to address the convention of southern florists on "Growing Chrysanthemums Under Glass"—when there is no other way to grow them.

A Matter of Knowledge.

Mum growing in the south, unlike most of the other commercial flowers, has passed the age of guessing. There is no difference as to the knowledge required to produce fine flowers in Chicago, or in New Orleans. The difference is in applying the knowledge to the conditions, and in choosing the varieties that respond to the conditions. The



Dahlia Fireburst.

southern grower must not be misled by the achievements of our brother workers of the north with any variety. He must do his own experimenting, without fear of cost and with the courage to quickly throw away hundreds of varieties that are sure to disappoint him. He must make his own selection.

Very early varieties are useless for experimental purposes. Anything that gives a flower sooner than Bassett or Robinson, is sure failure. Only varieties that open quickly and produce perfect flowers will do. Such varieties as Jeanne Nonin and Eaton are always disappointing. It takes them too long to finish.

Propagate Late.

To begin, we must propagate as late as possible. The shorter time in the growth, the shorter time of exposure to the ravages of the twenty or more insect enemies we have to encounter. I propagate the latter part of April for best results. Here I encounter the most stubborn problem in growing chrysanthemums in a hot climate. The stock plants are in vigorous growth and the cuttings naturally soft and apt to damp off in the sand. I find this tendency to damp off greatly encouraged by the fungus from the pine wood of the bench, and to prevent this I struck on the idea of lining the propagating bench with glass. With copious watering and entire shade, the striking of the cuttings is easy.

The flowers will be from three weeks to a month later than the northern grown mums, and so the later planting is equalized by the later blooming. It is with all science and great difficulty that we get Robinson for All Saints' day.

As to the treatment during growth, there is no difference whether it be in Canada or Mexico. What applies to Chicago in August will apply here in September.

Insect Pests.

The preventive treatment for insects is the same, except that the greatest caution must be taken in fumigating on account of heat. Cyanide is the surest for all insects, but very dangerous, except in the hands of the most experienced. I do not mean dangerous to man, but great caution must be observed lest we sicken our plants beyond recovery. I cannot, therefore, advise its general use. Experiment on a small scale, and learn to handle it, and it is a luxury, and the cheapest. Light and frequent use of tobacco in any form is effective and safe for all except mealy bugs, and a man who is negligent enough to let the mealy bugs get into his plants does not deserve to succeed.

Our worst enemy is thrips. They come after the harvest is in sight, and they surely come. After their presence is known it is too late to fight. Regular and frequent fumigating with tobacco in some shape is the only hope of keeping thrips out and, in very dry seasons at blooming time, even this fails.

Varieties.

As to varieties, everyone must choose for himself, from his own tests, in his own locality. After trying almost every variety introduced in the last twenty years, I have settled on Bassett, Robinson, Ivory, Appleton, Jones, Yellow Jones, Chadwick, Golden Chadwick, Old Golden Gate, Golden Wedding, Queen or Alice Byron, Mrs. Weeks, and perhaps White Bonnaffon. You may notice that pink and the darker shades are not in my list. They are all disappointing in color and seldom called for. Every chrysanthemum plant I grow must produce a salable bloom. You may notice also that all of these are old varieties, ancient varieties I may say.

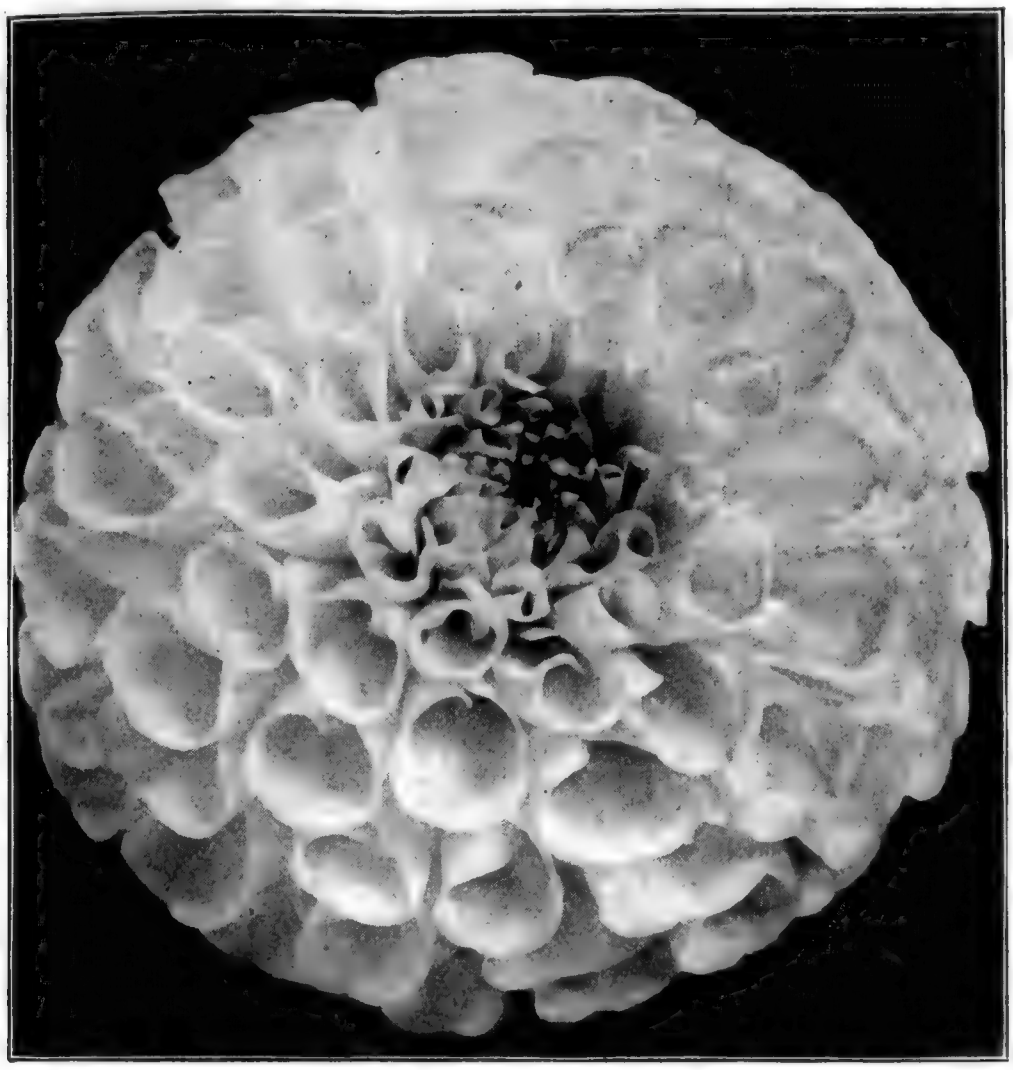
All I can say of last year's varieties is that none of them stand a wind of ninety-four miles an hour. On September 26 such a wind came along my way, and when it had died down sufficiently for me to put my head out of the cellar, a few scraps of broken glass was what was left of my mum house. Some of my hopeful new varieties landed over in the next county, and somehow I lost interest in last year's introductions.

Holds to Standard Varieties.

Of the year previous I had hopes of Nonin, Roi d'Italie, and Beatrice May; but I find nothing to displace in my



Dahlia Mrs. Gordon Abbott.



Dahlia Governor Guild.

standard list, except that I would add May but for its softness. I am growing nothing in the modern list because I am unwilling to throw away what experience has taught me to be better. The season is once a year and short, and, as yet with us, it is the flower that is novel and not the variety.

My standard is that every plant must give a perfect salable flower and the bloom must unfold quickly. On account of the character of help I am sometimes compelled to put up with, there must be no great science in taking the bud. In my list you may notice that I have only varieties that give sure flowers from any, or the best looking, bud that appears. Robinson and Bassett are the only exceptions, and I take the crown on these, as they give better stems.

In this trespass on your time I have made no effort to instruct the beginner. I am conscious of addressing an audience in which many of the growers could instruct me. I have endeavored to give only my experience on a subject common to the humblest florist, and so thoroughly threshed out by the brains of the floral world, that only the conceited novice would venture to give instruction.

Future Possibilities.

You may notice that my experience has been only as relates to the commercial flower. The exhibition chrysanthemum is not yet needed. The local show of the New Orleans society is the only effort in the show direction in our section. This will all come in good time, however; the organization of the Society of Southern Florists is a move. The south is of great possibilities. Our success and advancement will be measured by the realization of our meagre knowledge of the beautiful subject we all so much love, and our willingness to be instructed by that simple yet sublime teacher—Nature.

NEW DAHLIAS.

Among the season's novelties is a set of new decorative dahlias being sent out by W. W. Rawson & Co., Boston. These were raised by a Mr. Johnson, of Brockton, Mass., and were awarded honorable mention by the Massachusetts Horticultural Society when first exhibited.

Governor Guild is described as the largest pure white show dahlia in existence. It is without even the least suggestion of any shade either at the base of the petal of center of the flower. The flower is full and round, built loosely, giving the flower a far more graceful appearance than show dahlias usually have. The spread of the flowers is five inches. They are borne on erect, long stems and appear far above the foliage. The plants grow five feet high and are profuse bloomers.

Edward Le Favour is deep rose shading to a most pleasing distinct shade of pink. The flowers are globe shaped, measure four inches and over, and are produced in great abundance on bushy plants four feet high. A bouquet of these dahlias produces a most showy effect.

Mrs. Gordon Abbott is a giant in size and distinct in color. Several specimens last fall measured five and a half inches. The color is brightest golden, mottled, speckled and striped intense scarlet.

Mrs. Stuyvesant Fish is rich, deep amber, the first decorative dahlia of this color. The flower often is seven inches in diameter, very double, petals gracefully curved. The plants grow four feet high and with fair treatment produce flowers quite early in the season.

W. W. Rawson is oddly formed and delicately colored. Considering formation of flower, it appears to be a cross between Grand Duke Alexis and Mrs. Roosevelt. It has thrown off the stiff formation of the first, retained the more flatly fluted petal of the latter, but improved the appearance by being more compact. The flower is well built up, round and measures six to seven inches in diameter. The color is white overlaid with ametnyst blue, each petal being completely colored.

Fireburst is of immense size. It is a seedling of Le Colosse, has broader and longer petals, is more flatly built but a far more intense scarlet, slightly shaded orange and produces blooms which sometimes measure eight inches.



Dahlia Mrs. Stuyvesant Fish.

The Weekly Florists' Review

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by Monday or Tuesday morning at latest, instead of Wednesday morning, as many have done in the past.

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THE complete schedules of the joint exhibition of the American Rose Society and the Washington Florists' Club have been issued and may be obtained by addressing either secretary, Benjamin Hammond, Fishkill, N. Y., or Chas. McCauley, Eighteenth and Kearney streets, Washington, D. C.

SPHAGNUM moss is one of the scarce items and prices are up.

PITTSBURG wants the convention of the American Carnation Society in 1909.

JOHN WESTCOTT, of Philadelphia, vice-president of the S. A. F., is spending a portion of the winter in Florida.

THE executive committee of the Society of American Florists will hold its annual meeting at Philadelphia March 11 and 12.

E. G. HILL, of Richmond, Ind., has recently returned from a trip through the southwest and reports the trade there in a most prosperous condition, especially in Oklahoma and Texas.

THE Chicago Florists' Club has invited the American Rose Society to forsake the east in 1908 and hold its annual March meeting and exhibition in Chicago.

THERE is a disposition on the part of large producers of rooted cuttings of carnations and roses to reverse the tendency to lower prices which has been the result of competition in recent years.

THE Detroit Florists' Club has adopted resolutions voicing the opposition of its members to the change of date for the S. A. F. convention, which will be up for consideration at the Philadelphia meeting next August.

IT is a general principle of law that that party to a contract who makes a mistake must bear the loss, if a loss is inevitable, and that such loss shall not be put off upon the innocent party. This rule is necessary in order to do equity and also in order to inculcate care in the handling of words and figures.

PUBLICATIONS RECEIVED.

[How to Build Greenhouses, published by the John C. Moninger Co., 129 Blackhawk street, Chicago; price 10 cents, postpaid.]

With the rapid growth of the business of building greenhouses, and the general acceptance of the fact that it is cheaper in the long run to patronize a specialist in greenhouse construction instead of a planing mill, the John C. Moninger Co. has found its correspondence becoming bulky. With so many new people going into the trade, there is a constant stream of inquiries on how to build a greenhouse. While a manufacturer of building material always is glad to answer questions, the answering of them often calls for the expenditure of no little time. It is to fully and satisfactorily, yet economically, meet the demand for information that the Moninger Co. has issued its present illustrated booklet of twenty-four large pages and the outcome has been a compendium not only of value to the beginner but interesting and instructive to those who have built many greenhouses and are well posted on the subject. Every phase of the question is treated, from choosing the site to laying the glass and building the benches. The fine points of construction are illustrated with drawings so that the meaning may be most clear. A large part of the book is from the many years' experience of the Moninger Co., but several quotations are made from the "Florists' Manual," by William Scott, and a number of extracts from discussions which have appeared in the REVIEW are quoted as setting forth both sides of such questions as "Butted vs. Lapped Glass." By following the simple directions in this latest of "How to" booklets any man of average intelligence can put together a greenhouse in first-class shape.

STATE TO AID GROWERS.

On Wednesday, February 13, the Illinois state legislature had what they might have considered a visitation, although they expressed themselves as delighted with the friendly call of the gentlemen who came to argue for the appropriation for greenhouses for experimental purposes at the State Agricultural College. In the party were P. J. Foley, J. C. Vaughan and P. J. Hauswirth, of Chicago; J. F. Ammann, of Edwardsville, and Prof. A. C. Beal, of Champaign. Albert T. Hey, of Springfield, joined the delegation. Under the guidance of Representative Frank Heinl, son of Joseph Heinl, the veteran florist of Jacksonville, they waited upon the chairman of the appropriations committees of the house and senate and also upon the chairman of the steering committee.

It was easily evident that the efforts under the auspices of the Illinois State Florists' Association have had the effect of impressing the legislators with the importance of the greenhouse industry in Illinois. The committee was assured of the friendly interest of the legislators and were given encouragement for their request. It was advised that instead of undertaking the passage of a separate bill, the appropriation desired be asked for in the form of an amendment to the general appropriation measure for the State University. It was advised that the request be cut down to $15,000 for the two years and in this form it will go before the legislature.

AMERICAN CARNATION SOCIETY.

The Wa-no-ka Greenhouses, Barnevelt, N. Y., register Carnation Climax, a decided improvement over Enchantress, being a shade or two deeper, of better form, stem and calyx and more productive. ALBERT M. HERR, Sec'y.

THE READERS' CORNER.

Salt for Carnations.

In the issue of the REVIEW of February 7 A. F. J. B. replies to S. F. Co. and recommends a remedy for red spider. I think I can go him one better and herewith give my remedy.

I remove the pump from a five-gallon sprayer, insert a one-pound salt sack, containing about one-half pint of salt and then turn water in from a faucet until I have about four and one-half gallons of water. This thoroughly dissolves all the salt and keeps any sediment from getting into the sprayer. I then give all the carnations a thorough spraying once a week, if bad; if they are getting very bad, twice a week. I have found this to be one of the best remedies for stem-rot, both indoors and outdoors.

My opinion is that there is not one-half the salt used that should be used in the growing of carnations. I use it liberally in preparing my soil for the benches and I fail to see anything but good results. I believe it is a great preventive of stem-rot.

T. M. FITZGERALD.

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A large supply in all grades, including the finest lot of fancy stock to be found in the west. Especially strong on Enchantress.

BULB STOCK

Plenty of Tulips, all colors, single and double; also Jonquils and Daffodils, Callas and Harrisii.

Violets

Double and Single. Fine quality and lots of them.

Sweet Peas

White and Pink. Splendid quality and a large supply.

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AMERICAN BEAUTIES		Per doz.
Stems, 30 to 36 inches	$5.00 to	$6.00
Stems, 20 to 24 inches	3.00 to	4.00
Stems, 12 to 16 inches	1.50 to	2.00
Seconds	.75 to	1.00
Bridesmaid, per 100,	6.00 to	12.00
Bride, "	6.00 to	12.00
Chatenay, "	6.00 to	12.00
Golden Gate, "	6.00 to	12.00
Richmond and Liberty, "	6.00 to	12.00
Carnations, select, "		2.00
" large and fancy "	3.00 to	4.00
Miscellaneous Stock		
Violets, N. Y. double, "	.75 to	1.00
" single, "	.60 to	.75
Valley, select, "	2.00 to	4.00
Callas, per doz.	1.25 to	2.00
Harrisii, "	2.00 to	2.50
Mignonette, "	.50 to	.75
Sweet Peas, per 100,	.75 to	1.50
Romans, "		3.00
Paper Whites, "		3.00
Jonquils, Daffodils, "	3.00 to	4.00
Tulips, all colors, "	4.00 to	5.00
Green Goods		
Asparagus Plumosus, per string,	.35 to	.50
" " per bunch,	.35 to	.75
" Sprengeri, per 100,	2.00 to	5.00
Adiantum, "		1.00
Smilax, per 100, $15.00; per doz.		2.00
Ferns, per 1000, $3.00; per 100,		.30
Leucothoe Sprays, per 1000, $6.50; per 100, 75c		
Galax, green and bronze, per 1000, $1.00.		
" " " " per case, 10,000, $9.00		
Boxwood, 35c per bunch; $7.50 per case		

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CHICAGO.

The Great Central Market.

There has been a decided slump since last report. Several consecutive, warm, bright days have brought in a greater amount of stock than this market has had in three months and the advent of Lent has checked demand to a slight extent. Local trade has not been active since Valentine's day, but shipping demand continues excellent. Monday was a good day but Tuesday was decidedly dull and much stock was left over. As prices recede large buyers will again come into the market.

Roses are equal to all requirements, except Beauties. These continue in supply not up to the demand and quality is not high. Other roses leave nothing to be desired in quality and supply has so increased that average prices have fallen nearly one-half within ten days.

The carnation department was the first to feel the effect of increased receipts. There has been enough stock to take care of the trade for some time and within the last fortnight prices have gone down to the point where some unquotable rates are reported for clean-up sales. Pink is the slowest to move, but the supply of Enchantress is ahead of the demand. As long as the bright weather holds carnations will be on the bargain counter. It is to be regretted, for this is a season of the year when prices do not go up again easily if bad weather should check production.

There has been an inundation of bulbous stock. Fancy tulips are abundant and daffodils and jonquils are piling up in the wholesale houses. Common tulips are selling as low as $2 per hundred and the decline has been general in all departments. There have been greatly increased receipts of calla lilies, which go out slowly. Easter lilies are not so abundant, but if one can use short stems and small flowers there are quantities to be had at cheap prices.

The receipts of violets this week have been lighter, but they are piling up. Large quantities came in last week and sold well. St. Valentine's day made an exceptionally strong market for forty-eight hours. It cuts more and more figure every year. The violet is the special flower of the day and sold well, prices holding up until nearly all of the Hudson river receipts had been sold, but a small surplus developed Wednesday afternoon and Thursday morning. All other flowers felt the effect of the increased demand and wholesalers and retailers all were satisfied.

At this season of the year there always are flurries in green goods. Smilax had its turn Monday, but it always is possible to get greens in this market if the order is placed the day before. Common ferns are poor, both those coming out of storage and those received from the east. An advance in price has been made by the eastern shippers which has resulted in adding a notch to the price asked here.

Club Meeting.

At the largest and most enthusiastic meeting the Chicago Florists' Club has held in years August Poehlmann made a motion to invite the American Rose Society to hold its 1908 meeting here. It was carried by a rising vote.

It was carnation night, February 14, and the hall was crowded. Exhibits were numerous and most of them fine. The judges, W. N. Rudd, J. G. Hancock and F. F. Benthey, scored the new sorts as follows: Winsor, 88; May, 78; Snowdrift, 84; Red Riding Hood, 82; Imperial, 79; Pink Imperial, 84; Toreador, 85; Mabelle, 79; No. 20, 87. Without Mr. Rudd's assistance the other judges scored No. 16802a, 87 points. Certificates were awarded all scoring 85 or better.

A. T. Pyfer, H. Cheesman and Harry Manheim were elected to membership. J. F. Helbok was proposed. The resignations of W. A. Peterson and George Wienhoeber were accepted with regret.

Resolutions were adopted endorsing the proposed appropriation for greenhouses for experiment at the State University and P. J. Foley reported on the status of affairs at Springfield.

President Bruns inaugurated the less formal part of the proceedings with the remark that the club was fortunate in having present on St. Valentine's day, Mr. Valentine, of Denver. That widely traveled gentleman gave a brief account of what he had seen on his recent trip and concluded by saying that after visiting a number of the Chicago growers he had been more than ever impressed that a liberal education in the trade can be obtained right in this market. W. A. Kennedy, of Milwaukee, said that, not being able to go to Toronto he did the next best thing—came to the Chicago carnation show. Messrs. Rudd, Hauswirth, Pyfer, Poehlmann, Asmus and others had a few things to say and E. C. Amling, finan-

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Extra long	$6 00
30 to 36-inch	4.00
20 to 24-inch	3.00
15 to 18-inch	2.00
	Per 100
Short	$8.00 to $12.00
Richmond, select, 36 in. stem	18 00
" " fancy	12 00 to 15.00
" " Medium	8.00 to 10.00
" " short	4.00 to 6.00
Maid and Bride, select, long	10.00 to 12.00
" " medium	6.00 to 8 00

	Per 100
Maid and Bride, short	$3.00 to $4.00
Chatenay, Gate, select, long	12.00
" " medium	8.00
" " short	4.00 to 6.00
Perle, Sunrise, select, long	8.00
" " medium and short	3.00 to 6.00
Carnations, Lawson and white	2.00 to 3.00
Select red, Enchantress, Prosperity	4.00
Good Split	1.50
Harrisii Lilies	20.00
Freesias	3.00 to 4.00

	Per 100
Paper Whites, Romans	$3.00
Valley, fancy	3.00
Jonquils and Daffodils	3.00
Mignonette, fancy, large spikes	6 00
Snapdragon, fancy yellow	10.00
Plumosus Sprays, Sprengeri	3.00
" Strings	50.00
Smilax	16.00
Galax per 1000, $1.25	
Ferns per 1000, 2.50	
Adiantum	1.50
Tulips	3.00 to 5.00

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cial secretary, reported receipts of the evening $130.

The exhibits from out of town were as follows:

Winsor, from F. R. Pierson Co., staged by Jensen & Dekema, attracted the favorable comment of everyone. The flowers were shipped from Scarboro, N. Y., Monday and were in perfect condition Thursday night, more than three days later and nearly a thousand miles from home. The color fills a gap and is fine under artificial light. Several growers who had visited the Pierson place spoke highly of the habit of growth. It will be planted largely in the vicinity of Chicago next season.

H. Weber & Sons Co., Oakland, Md., sent Toreador, on the Prosperity order, and Mabelle, pink. Toreador is to be sent out next year and will be tried by most of the growers, for its color is needed. Both sorts traveled well.

J. E. Haines, Bethlehem, Pa., sent Imperial and Pink Imperial. There would be no steady sale for the former in this market, because of its peculiar variegation, but Pink Imperial pleases. Both sorts have magnificent stems.

R. Witterstaetter, Cincinnati, sent a good white, called Snowdrift, a large, round, full flower.

Baur & Smith, Indianapolis, sent May, flesh pink. It is too small.

The largest local exhibit was that of Poehlmann Bros. Co. It included Enchantress, Red Lawson, Lawson, Gov. Wolcott, Lieut. Peary, Craig, Variegated Lawson and White Lawson. The White Lawson and Red Lawson were especially good.

The Chicago Carnation Co. staged a splendid vase of Aristocrat, much better than was shown at Toronto; also 100 magnificent blooms of White Perfection and 100 good Red Riding Hood. This is not an exhibition sort but Mr. Pyfer says is a free bloomer. Their fine Enchantress were weak in stem, as in many other exhibits. Daybreak Lawson and Variegated Lawson completed their table.

J. A. Budlong had a table of up-to-date commercial varieties, including Cardinal, Lady Bountiful, Nelson Fisher, Enchantress, Lawson and White Lawson.

Jensen & Dekema had some good blooms of Boston Market, Victory, Mrs. Patten, Enchantress and Lady Bountiful.

Anton Then staged his variegated seedling, Winnemac; also Harlowarden, Enchantress, Mrs. E. A. Nelson, Lawson, White Lawson and Lady Bountiful. John Then is a chip off the old block.

Peter Reinberg had Enchantress, Lawson, Lady Bountiful and Robert Craig, all good commercial stock.

W. N. Rudd brought his red, No. 16802a, which has size, form and especially good color.

Bassett & Washburn set up a splendid vase of their red, No. 20. It is better than when shown at Toronto, where it won the large medal, and attracted as much comment as anything in the hall.

John Reardon brought red sport of Lawson which originated with him and which it has pleased his employer, M. A. Ryerson, to name for himself.

H. N. Bruns brought a bunch of fine valley.

E. F. Winterson is entitled to special mention for the work he did in providing vases, tables, etc., for so much stock.

Easter plants, with an address by J. S. Wilson, will be the feature of the March meeting.

The Winandy Sale.

Thursday, February 14, the referee in bankruptcy confirmed the sale of the Winandy equities and personal property to Arthur B. Dietsch on his bid of $4,500. Mr. Dietsch states that he will conduct the establishment until he can find a purchaser at a satisfactory price. The houses are now planted to lettuce and carnations and good crops are said to be in sight for spring.

One of the trustees states that the purchase price will not cover the costs which have accrued since the petition in bankruptcy was filed. He states that outstanding accounts of the trustees must be scaled ten to fifteen per cent and possibly more.

The Hartshorne Fund.

At the club meeting last week P. J. Hauswirth reported that the Hartshorne benefit fund now amounts to $1,250 or $1,300. Of this $325 was subscribed at the time of the S. A. F. convention; $500 was realized from the flower booth at the last Chicago show. At Toronto J. A. Valentine brought up the subject and C. W. Ward gave his check for $100. W. S. Kasting took the matter up then and there and secured $275.

While this is quite a sum, Mrs. Hartshorne is left with five children, the

LONGIFLORUMS FOR EASTER

Our reputation for having the **BEST LILIES** is because all our lilies are shipped in the original packages, packed at the greenhouses, thus avoiding bruising by second handling, and because they are from the most expensive bulbs, grown by the most careful growers.

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VIOLETS, large supply of both Double and Single, 75c per 100.

VALLEY, extra select, $3.00 to $4.00 per 100. Special prices on large lots.

WHITE LILAC, $1.50 per bunch; 7 bunches for $10.00 The demand this season has been so great that we have been unable to fill all orders. It is the spring flower and the crop now on is the finest of the season.

COURONNE D'OR, finest double yellow tulip, $5.00 per 100.

DAFFODILS, double and single, $3.00 per 100.

Fancy Baskets and Easter Novelties

The largest, finest and most up-to-date selection to be found anywhere. Florists who ordered our $5.00, $10.00, $15.00 and $25.00 assortments of baskets for Christmas are doubling their orders for Easter. Send in YOUR order today for one of these assortments and we will deliver them any time you specify. **Also assortments of Bohemian Glassware** at $5.00 and $10.00.

A. L. RANDALL CO.

Our special circular on Ribbons, Cycas Leaves, Wheat sheaves, etc., has been mailed If you do not recevice it, drop us a card. Have you our Catalogue?

19-21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

eldest 11 years of age. Others who would like to contribute may send their checks to P. J. Hauswirth, 13 Congress street. It is hoped to secure enough to invest so that Mrs. Hartshorne will have a regular income from it.

Various Notes.

Anton Then is at Magnolia Springs, Ala., in the hope of benefiting his health through the medicinal waters there. He was in a bad way just before the holidays, and will be absent until toward Easter.

W. L. Kroeschell, of the Kroeschell Bros. Co., attended the convention of the Society of Southern Florists at New Orleans last week.

P. J. Hauswirth will be one of the judges at the exhibition of the American Rose Society in Washington, March 13 to 15.

J. S. Dekema is now located at Los Angeles and reports the climate benefiting his health materially.

J. C. Bruchner has removed from 35 Monroe street to 639 West Sixty-ninth street, where he has a large store in a good neighborhood.

The Foley Mfg. Co. is experiencing some of the troubles of the car shortage. They were held up six or eight weeks in getting the heavy timbers for the new factory. They do not now expect to be moved to the new location before some time in April.

Friday, February 22, is a legal holiday, with but one mail delivery. Wire your orders.

P. Broadbeck, at Evanston, has had a light cut of roses this season partly because he put in cement benches last summer and did not get replanted until September. He has consigned to the Kennicott Bros. Co. steadily for fourteen years.

Miss Nina M. Howard, the violet grower at Glencoe, in common with others has had crops below normal this season. She is retailing her flowers this season.

Theodore Fehrmann, of Niles Center, is busy erecting greenhouses on the lots recently purchased in Irving Park and shortly will remove there.

The marriage of Matilda Graff and Herman Landfield will take place at the Unity club, Thirty-first street and Indiana avenue, Sunday afternoon. The bride is the sister of Will and Sam Graff, who do a prosperous business at Columbus. Both are here to attend the wedding, Will having brought his family. Sam Graff will be best man and his sister, Emma, maid of honor. The floral decorations will be worthy of special notice.

Sweet peas are one of the items which are not in large receipt, for not many growers are yet ready to cut, but E. C. Amling has had pink and white for several weeks. He expects other colors soon.

Percy Jones notes that whereas Desplaines is no longer able to produce violets of a quality to be profitable, Park Ridge growers do well with them.

At J. A. Budlong's they are grafting quite a lot of roses for next season. Grafted stock has done well this year and now is looking fine.

Weiland & Risch say that although roses are now plentiful Killarney is holding its own.

E. F. Winterson says the volume of sales is all right but he hates to see prices go all to pieces the first time this year the growers really have anything to sell.

Zech & Mann say shipping trade is holding up well in spite of reports of large supplies in other cities to which they ship.

John Poehlmann, of Poehlmann Bros. Co., says that it will not be long before Beauties will join the procession in quantity. Antirrhinum is a specialty with them this week.

Joseph Foerster, sales manager for George Reinberg, says Lent has not affected demand to any appreciable extent but that evidently the out-of-town growers, as well as those here, are cutting heavier than they were, calls running largely to special items.

John Muno says he has had splendid results this season in rooting carnation cuttings. When he started in the business, twenty years or so ago, he did not know how to make a rose cutting, but when P. Blameuser showed him he rooted ninety-five per cent of Mermet his first season.

Michael Fink has sold his business, at 2211 Cottage Grove avenue, to Albert Klitz, who takes possession at once. Joe Phillips will continue in the place as Mr. Klitz's assistant. Mr. Fink will move to the north side and assist his father in the Herndon street store.

The dealers in rooted cuttings report an average demand, with little call for the common sorts of carnations, but a demand for Enchantress which is something phenomenal. With more Enchantress in the market than any other variety, it looks as though all the growers

were increasing their plantings for next year. A. C. Spencer, of Peter Reinberg's, says Lawson also is selling well with them and Nelson Fisher in better demand than ever. N. J. Wietor, of Wietor Bros., reports an exceptional call for Lady Bountiful.

O. P. Bassett has cabled the safe arrival of Mrs. Bassett and himself in Europe. C. L. Washburn was at Madison Monday evening visiting his son.

Vaughan & Sperry report that Wednesday, February 13, was the best business day the firm ever has experienced, except the day before Christmas, 1906.

Charles Dressler, of Wietor Bros.' city staff, is doing jury service this week.

The A. L. Randall Co. reports having handled 277,500 violets last week, most of them Monday and Wednesday before St. Valentine's day.

C. M. Dickinson, manager at E. H. Hunt's, says the call for bone meal and sheep manure is breaking all records this season.

Mr. and Mrs. C. C. Pollworth, of Milwaukee, came down Saturday to spend a few days with friends here.

Those who went to the State Florists' Association's meeting at Bloomington Tuesday morning were: George Keller, August Poehlmann, J. S. Wilson, George Asmus, H. Hasselbring, P. J. Hauswirth, J. P. Foley, W. N. Rudd, L. H. Winterson, C. S. Stewart, F. J. Hartwick, and H. C. Lenington.

WAYSIDE NOTES.

J. Horn & Bro., of Allentown, Pa., are strong advocates of cement benches with walls about two feet high, plenty of drainage and ventilation. All their carnations are grown in this manner and give even better returns than when grown in the old way.

Ernest Ashley, of Allentown, has a neat little store downtown and says it keeps all hands busy between the two places.

Thomas Love, of Bethlehem, Pa., has the annual order to decorate the churches here at Easter and is preparing a batch of flowering stock for the purpose.

The lily question will be a problem from now on and an unknown quantity for Easter. William Walke, of Salem, Mass., has a fine, but irregular, batch. The only true stock seems to be giganteum and candidum.

Thomas Roland, at Nahant, William Edgar, at Waverley, and A. Leuthy, at Roslindale, are carrying choice lots of flowering plants for the Easter market. Lilies will be scarce in many localities.

Fred Vetter, grower at the Hoffman place, at Mount Auburn, pointed out some multiflorums that have stem-rot; it shows as a dark ring above the surface of the soil, becoming hard and finally causes the plant to drop over. Many are affected this way, apparently quite healthy otherwise. This is the first time he has noticed it. Harrisii generally seem freer from disease than of late years, but the number of blooms seems to be getting more beautifully less.

McGee, Geary & Co., of Salem, report an increasing demand for old-fashioned flowers, something different from the stereotyped roses and carnations. The scarcity of these staples has afforded the opportunity to push bulbous stock, which has helped wonderfully this season.

J. M. Ward, of Salem, is much interested in tne Imperial carnation and, as he is a most successful grower, it will stand an excellent chance. Fisher's Beacon has a big reputation here.

M. B. Bunker, also of Salem, was putting the finishing touches to a handsome wreath, composed of bronze galax leaves studded with short-stemmed Beauty and valley. A bunch of pansies carelessly arranged on the left-hand side gave it a choice effect.

Chatterton Warburton, of Fall River, placed a big order for the new carnation, Winsor, when in Toronto. We met Mr. Cruickshank, of Rennie & Thomson, who reported very satisfactory business for the new house.

With the increase in values of real estate Fred Becker, of Cambridge, has for some time had under advisement the pulling down of his plant and building an up-to-date store with a showhouse. Retail business has increased rapidly. At one time Mr. Becker did the banner wholesale trade of this section and will be remembered as the boomer of the well-famed Nephrolepis Bostoniensis, which he justly claims has merit that will keep it at the head of all rivals.

Dan Murphy, of W. E. Doyle's of Cambridge, says there is going to be a big scarcity of geraniums this season. Prospective stocks are low and the outlook for bedding plants is large. Cannas will be a feature and to some extent will help out the shortage. W. M.

IF YOU ARE IN NEED OF

Good Stock

We are fully confident that we are in a position to fill your wants

Why? Because we carry the kind of stock that you are looking for as we make a specialty of producing high-grade stock of all kinds, being strong in

CARNATIONS AND ROSES

In addition to the cutting of a choice line of stock from our own large greenhouses, we also handle the production of a number of the best growers in this city thereby placing us in a position to fill all orders in a very satisfactory manner, as a trial order will convince you.

So if you wish to avoid disappointments and want your orders filled satisfactorily, just give us a call and you will be more than pleased that you called upon us.

Bulb Stock, Greens

AND ALL CUT FLOWERS IN SEASON

J. A. BUDLONG

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Roses and Carnations A Specialty..... WHOLESALE GROWER of CUT FLOWERS

ST. LOUIS.

The Market.

Business last week was reported good. St. Valentine's day was much better than last year. The first few days of Lent have had some effect on business. Stock is coming in more freely than it has for some time, and the local trade is looking for a big glut in almost everything by the end of the week, and especially if the fine, warm weather continues.

Roses have been scarce for six weeks, but now are arriving in large lots and prices are down; fancy stock brings $8 to $10 per hundred. There are none too many extra long Beauties; plenty of other grades, but mostly deformed.

Carnations sell well and quantities of fine blooms are coming in every morning. The prices Monday morning were still high, but we look for a big crop by the end of the week. More Enchantress than any of the others are coming in. All wholesale houses are loaded with them. Violets, too, are arriving in increased quantities and the price on them already is down to 40 cents per hundred.

A fine lot of bulbous stock is coming in of late. The price on these is as usual at this time of the year. Not many Harrisii are coming.

Beauties, Richmond, Maids, Brides, Uncle John, Chatenay, Killarney, Liberty, Carnations

and an abundant supply of everything at the lowest market price. We should appreciate YOUR Order.

GEORGE REINBERG

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Mention The Review when you write.

Write or wire for special quotations on

CARNATIONS

If you can use large lots of any grade, all colors; we have the goods.

ROSES

More abundant and prices lower. Stock fine.

TULIPS

All colors; also all other bulb stock plentiful.

Would like a share of your business

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CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36-inch	$5.00 to 6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Tea)	**Per 100**
Bride and Maid	$6.00 to $10.00
Richmond, Chatenay	6.00 to 12.00
Golden Gate and Uncle John	6.00 to 10.00
Roses, our selection	5.00
CARNATIONS	1.50 to 2.00
" fancy	2.00 to 3.00
" extra fancy	4.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
Violets, single	.75
Harrisii Lilies, per doz.	2.50
Callas, "	1.50 to 2.00
Valley	3.00 to 4.00
Paper Whites	3.00
Romans	3.00
Tulips	3.00 to 4.00
Daffodils, Jonquils	4.00 to 5.00
GREENS	
Smilax Strings, per doz.	1.50 to 2.00
Asparagus Strings, each	.50 to .60
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35
Adiantum, per 100	1.00
Ferns, Common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, "	7.50
Boxwood, per 50 lb. case,	7.50

SUBJECT TO MARKET CHANGE.

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In greens there is little change, if any. Everything is plentiful, smilax selling slowly.

Club Meeting.

The carnation meeting of the Florists' Club, held Thursday afternoon, February 14, was one of the largest attended in many months. The carnations were numerous and many extra fine blooms were exhibited by our local growers, as well as outsiders. The exhibitors from outside were H. Weber & Son, Oakland, Md., a fine vase of Mabelle; F. R. Pierson, Tarrytown, N. Y., a large vase of Winsor; Baur & Smith, Indianapolis, Ind., a vase of their new light pink, May; Chicago Carnation Co., Joliet, Ill., Aristocrat; John E. Haines, Bethlehem, Pa., John E. Haines and Pink Imperial. A. C. Brown, Springfield, Ill., was present and looked after his fine exhibition of seedlings, which attracted a great deal of attention. J. F. Ammann, Edwardsville, had Lady Bountiful, Enchantress, Mrs. Patten and Lawson. Henry Johan, Collinsville, Ill., had two fine vases of Enchantress and Cardinal.

Among the local growers John Steidle exhibited Rose-pink Enchantress, Nelson Fisher, Cardinal, Mrs. Patten and Lady Bountiful. A. Jablonsky staged Robert Craig, Enchantress, Aristocrat, White Perfection, Mrs. Patten, Rose-pink Enchantress and Lady Bountiful. Mr. Braun, foreman for Adolph Brix, staged a fine vase of Mrs. Lawson. William Winter showed fine vases of Cardinal and Lady Bountiful. The Oakland Floral Co., Kirkwood, a vase of Enchantress and Mrs. Lawson.

The meeting was called to order by President Irish, with all the officers and sixty members present. Chairman F. A. Weber, of the flower show committee, made a lengthy report and ended by saying that, owing to the divided opinion on this proposition, the committee advised the club to drop the subject of a flower show, and the club so voted. Pierre Schneider, of the Oakland Floral Co., Kirkwood, and Henry Niemeyer, also of Kirkwood, were elected to membership. The club voted to subscribe $100 to the National Flower Show to be held in Chicago in 1908. J. F. Ammann, president of the Illinois State Florists' Association, invited the members to attend the second annual meeting February 19 and 20, at Bloomington, Ill.

The chair appointed A. C. Brown, F. J. Fillmore and F. C. Weber to act as judges on carnations. The decisions were as follows:

Twenty-five red, Wm. Winter first, Cardinal; John Steidle second, also Cardinal; A. Jablonsky third, with Robert Craig.

Twenty-five light pink, Oakland Floral Co. first; A. Jablonsky second, both with Enchantress.

Twenty-five rose-pink, John Steidle, first; A. Jablonsky, second, both on Rose-pink Enchantress.

Aristocrat scored 90 points; Winsor, 86; Mabelle, 74; John E. Haines, 76. Pink Imperial was too far gone to be

C. W. McKELLAR

CHICAGO 51 Wabash Ave.



I have many Novelties in Ribbons and Chiffons for Easter

Headquarters

I receive regular daily shipments of best quality **HUDSON RIVER VIOLETS.** Prime shipping stock. **GIVE ME YOUR ORDERS.**

CURRENT PRICE LIST

	Per doz.
ORCHIDS, a specialty.	
Dendrobiums	$3.00 to $6.00
Cattleyas	6.00
Assorted, box, $5.00 to $25.	
Beauties, Extra Fancy	6.00
24 to 36-inch stems	4.00 to 5.00
15 to 20-inch stems	2.00 to 3.00
Short stems	.75 to 1.50
	Per 100
Bride, Maid, Ivory, Gate	5.00 to 10.00
Liberty, Richmond	5.00 to 10.00
Chatenay, Sunrise, Perle	5.00 to 10.00
Roses, my selection	5.00
Carnations, large fancy	3.00 to 4.00
" good stock	1.50 to 2.00
Violets, double or single	.50 to .75
Harrisii or Callas, per doz.	2.00 to 2.50
Valley	3.00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Tulips, Jonquils	3.00 to 5.00
Mignonette	4.00 to 8.00
Marguerites	1.00 to 2.00
Smilax, per doz.,	2.00
Asparagus Strings, each,	.35 to .50
Asp. Plu., Sprengeri, bunch,	.35 to .75
Adiantum, per 100,	1.00
Ferns, per 1000,	2.00 to 2.50
Galax "	1.00
Boxwood Sprays, per bunch	.35
" " per 50-lb. case,	$7.50
Wild Smilax, large size, per case	$5.00

Subject to change without notice.

Mention The Review when you write.

judged. Gov. Deneen, sent by A. C. Brown, scored 65 points. The White Enchantress, sent by E. Schraeder, of Richmond Burough, N. Y., were frozen in transit and could not be staged.

Twenty-five dark pink, Oakland Floral Co. first, with Mrs. Lawson; A. Jablonsky second, with Aristocrat.

Twenty-five variegated, A. Jablonsky first, and John Steidle second, both with Mrs. Patten.

The chairman called on several of the visitors for remarks. A. C. Brown in his talk made well pointed remarks. Luther Armstrong, one of the charter members of the club and its first secretary, was present and told us how the club was organized twenty years ago. A. S. Halstead and J. F. Ammann also made a few remarks for the good of the club. The question box brought out a good discussion.

W. C. Smith, chairman of the trustees, acted as auctioneer and sold the prize-winners at a good price. The next meeting is March 14 at 2 o'clock.

Various Notes.

E. W. Guy, of Belleville, is visiting his father, at St. James, Mo., who is very ill.

The Oakland Floral Co., at Kirkwood, is sending in fine carnations to C. A. Kuehn.

Henry Emunds, of Belleville, was over on Saturday, buying supplies for several large orders to be filled early this week.

Jules Bourdet, at Vandeventer and Shaw avenues, has a fine lot of blooming plants for Easter.

L. A. Barnett, representing Reed & Keller, New York, spent several days here last week.

Beyer Bros. are making preparations for an extra fine lot of blooming plants for Easter. Carl Beyer has been so busy of late that he failed to attend the club meetings.

William Winter, of Kirkwood, is cutting extra fine quality of carnations and violets.

Martin Moran, late with the Forest park greenhouses, is now with Mrs. M. M. Ayers on Grand avenue.

The St. Louis Horticultural Society will hold its regular monthly meeting this week. A report of the exhibition committee will be heard and preparation will be completed for the spring flower show, to be held March 5 to 7, in the Odeon building on Grand avenue.

J. J. B.

You Are Dissatisfied

frequently with the appearance of your flowers when ready for your customers. It may be the ribbon bow does not match or blend properly. **PINE TREE RIBBONS** are so dyed and woven that they match or blend perfectly with all flowers and foliage. Write for samples, (which cost you nothing) also note how low in price, Pine Tree Ribbons are, (quality considered). Sold to you direct from the mill,

YOU SAVE ALL BETWEEN PROFITS.

The Pine Tree Silk Mills Company

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Write for samples today. Easter is March 31.

BOSTON.

The Market.

We have had some let-up in wintry conditions and the milder weather has considerably increased the supply of flowers. Business, however, for Lent, remains quite good. Valentine's day saw a strong demand for violets and the market generally was good. American Beauties remain up to top notch figures and are still scarce, especially the better grades. Richmond meets a good sale at slightly lower prices. While more Bride, Maid, Wellesley, Killarney and other sorts are coming in and prices have weakened a little, there has been as yet no surplus.

Violets are arriving in heavy quantities, but have sold fairly well, singles, as usual, taking the lead. Sweet peas bring an average of $1 per hundred. Carnations are more plentiful and rather lower. The quality of these is extra good at present. The increased amount of sunlight has improved the stems.

Golden Spur narcissi make $3 per hundred, double Von Sions $2. Tulips keep about the same. Callas and Easter lilies are rather more plentiful. Hyacinths make 75 cents and $1 per dozen stalks, but are not in much demand. Some nice mignonette, English primroses and antirrhinum are coming in. Valley is of fine quality and meets with a steady sale. In orchids, cattleyas are growing scarce. Dendrobiums nobile and Wardianum and Cœlogyne cristata are, however, in good supply.

Club Meeting.

The meeting of the Gardeners' and Florists' Club at Horticultural hall again drew a big attendance February 19, about 150 being present. The executive committee met many growers who use steam heat prior to the regular meeting and discussed the threatened legislation. The club unanimously voted to oppose the proposed legislation, as it will affect florists and market gardeners, and a

We will have a fine cut of Single and Double **Violets Every Day**

La Reine Tulips ARE FINE

Carnations....

Are the best ever seen in this market, and the supply is about equal to the demand.

ROSES....

Are a little off crop, but the cut is improving daily in quantity and quality. :: ::

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY

36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2 50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	3.00 to 5.00
Valley	"	3.00 to 5.00
Violets	"	.75 to 1.50
Peas	"	1.00 to 1.50
Romans	"	2.00 to 3 00
Single Daffodils	"	3.00 to 4.00
Tulips	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, 2.00 "	.25

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The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

committee of prominent men with F. E. Palmer as chairman was appointed to attend the sessions at the state house and give evidence before the committees if necessary. It was announced that the Boston Market Gardeners' Association has appointed a committee to oppose the proposed legislation.

Charles W. Ross, of Newton, the lecturer of the evening, was unable to attend, but sent an interesting and practical paper on "Road Construction," read by James Morton Strong, which the members greatly enjoyed. A good discussion followed. The membership was further swollen by the addition of eleven new members. It was announced that at the next meeting carnations will be the subject, with a specialist as lecturer. The landscape classes, it was stated, are making excellent headway and members are now engaged in drawing plans.

There was an unsually fine lot of exhibits, as follows:

Beacon and Evangeline carnations, from Peter Fisher; several vases of carnations and Violet Boston from S. J. Goddard, also some grand sweet peas which received a report of superior merit for culture; several cattleyas and four varieties of coelogyne from W. N. Craig, fine Harlowarden carnations from Mrs. Snow; seedling carnations from H. A. Stevens Co.; Begonia Erfordii from Thomas Westwood; Primula Kewensis from Thomas Coles received a report of superior merit.

President Westwood appointed the following committee on exhibits for the year: Kenneth Finlayson, George Anderson, George C. Harbison, David Lumsden, H. A. Stevens, Mr. Mitchell, A. H. Fewkes, J. W. Duncan, Peter Fisher, R. T. McGorum.

A committee consisting of W. N. Craig, John Farquhar and J. W. Duncan was appointed to prepare resolutions on the death of Mrs. Wm. R. Nicholson, Jr., Framingham, which occurred February 19, after a short illness. Much sympathy is felt. The couple had been married only a year.

Refreshments were served as usual, and it was quite late ere the meeting closed.

Various Notes.

About a dozen members of the Gardeners' and Florists' Club attended the annual banquet of the North Shore Horticultural Society at Manchester February 15 and reported a delightful time.

William H. Elliott is on a visit to the West Indies. At present he is in Cuba, but hopes to return in good season for the meeting of the American Rose Society in Washington.

We find that the late George A. Sutherland was an employee of W. J. Stewart, but not a partner, as stated in last week's notes.

The annual spring exhibition of the Massachusetts Horticultural Society will occur March 22 to 24 and promises to be an unusually attractive one.

The lecture at Horticultural hall February 16 was by Miss Anne Withington on "Some Aspects of School Gardening." In the discussion which followed Robert Cameron spoke interestingly on the practical horticultural education afforded children in Jamaica, which he considers much in advance of anything we have in the United States.

William C. Ward, as usual at this season, is marketing pansies of unusually good quality in large quantities. He has also some extra fine sweet peas.

John Barr, of South Natick, while devoting most of his greenhouse space to carnations, has produced some hundreds of very fine cyclamens, in the culture of which he is a past master.

Few finer violets than those of William Spillsbury, of Woburn, are seen in the market this season. He grows Princess of Wales exclusively and finds nothing to beat it.

John McFarland has a fine house of Brunner roses which he will start cutting from in a day or two. He is one of the few growers of hybrid roses for the Boston market.

Morris Hambro, late in the flower department at Houghton & Dutton's, will open a store on School street.

L. H. Fellows, of Hyde Park, a prominent mushroom specialist, is on a visit to Michigan, mushroom spawn selling being his objective. Mr. Fellows has made a good deal of spawn and has great success from its use in his houses.

Windows of dendrobiums in Galvin's Tremont street store were features last week.

Peirce Bros. will have a larger and finer lot of lilies than ever the coming Easter. The plants are in just the right stage.

W. W. Rawson & Co. are experiencing a heavy call for dahlias this season, in which they are now leading specialists. Their manager, Maurice Fuld, is secretary of the New England Dahlia Society.

Prof. F. W. Rave, the new state for-

Our FEBRUARY SPECIALTIES--

ORCHIDS, Pink and White Sprays
ACACIA PUBESCENS SINGLE DAFFODILS
WHITE LILACS FANCY MIGNONETTE
TULIPS PANSIES FREESIAS

The Leo Niessen Co.

Note our new number. WHOLESALE FLORISTS

1209 Arch Street, Philadelphia, Pa.

Open from 7 a. m. to 8 p. m. Our Service is Unexcelled.

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ester, will discuss "Forestry from a Commercial Standpoint," February 23, at Horticultural hall.

Backer & Co., of Billerica, who are carnation specialists, have many fine seedlings this season, some yellow ones being of special merit.

S. J. Goddard had a heavy order for flowers of his carnation, Helen Goddard, for a banquet at the Parker house the past week. W. N. Craig.

PHILADELPHIA.

The Rising Eastern Market.

It is a buyer's market, with prices receding on all but two or three of the scarcer varieties of flowers. The greatest fall in prices has been on bulbous flowers, which are extremely fine and very plentiful. Buyers who could use these in thousand lots obtained the lowest prices of the season, and the average returns to the growers will be lower than usual at this time of year. Some of the buyers have taken advantage of these conditions to use great quantities of Golden Spur, offering them at tempting prices that were little if any above the normal wholesale rates. Carnations are also much lower than before Lent, the principal decline being on fancy grades. Tea roses, too, are much more plentiful, with prices ruling lower. The other declines most marked are in calla lilies and violets; the latter sold remarkably well up to Ash Wednesday, but since then have receded in price. The strong features of the list are Beauties, the fancy grades still so scarce that they command extraordinary Lenten prices; cattleyas, which have advanced slightly, and greens, smilax and Adiantum Croweanum being in remarkably brisk demand. Returning to St. Valentine's, business taken as a whole was disappointing. Myosotis, however, sold extraordinarily well, the prices realized being the highest ever recorded, several thousand sprays realizing from $2.50 to $4 per hundred. Indications point to still further declines in several varieties of flowers before normal conditions are reëstablished.

THE Florists' Supply House of America

Easter Novelties

IN GREAT PROFUSION

Fancy Hampers, round, steel grey with daisies hand-painted, very beautiful, suitable for that flower; also fancy Violet Hampers.

Fancy Pot Covers, the best thing out just mention the size pots you want to cover and we will fit them properly; for instance you order 6-inch pot covers, we send you 7¼-inch, (which just fits a 6-inch pot), charging you for a 6-inch cover.

Fancy Baskets, the cream of the novel and staple styles, suitable for Plants, Flowers, Fruit or Easter Egg arrangement of any imaginable description.

Fancy Crepe Papers, two colors blended, soft and waterproof. Many pleasing effects.

Fancy Grecian Toneware, vases artistic and very graceful, color shading delicate, an exquisite variety of the popular Toneware.

HAVE YOU ENOUGH GRASS HEADS?

—Our Catalogue is Free.—

H. BAYERSDORFER & CO.

1129 Arch St., PHILADELPHIA, PA.

Mr. Stokes' Latest Importation.

Walter P. Stokes, the popular and successful head of the S. S. S., which you can read either as Stokes' Seed Store or Stokes' Standard Seeds, according to the position in which it stands, has just received a new and very interesting importation in the shape of a box of raffiatape, which appears to be an improvement on the common raffia used so extensively for tying plants. Raffiatape is corrugated, colored green and Mr. Stokes says is cheaper than raffia. It is put up very neatly and so arranged that it may be either used by fastening the reel in the buttonhole or in coils to be put in the pocket. Better see Mr. Stokes about this raffiatape before you tie your lilies.

Various Notes.

Paul Berkowitz, of the firm of H. Bayersdorfer & Co., returned on Monday from a four weeks' trip, which he describes as "extremely cold," though his business friends greeted him most warmly. Businessly speaking, it was the most successful trip the congenial Mr. Berkowitz has ever enjoyed.

W. J. Sherry, of the Johnson Seed Co., reports an excellent mail demand for all varieties of seeds. The company's store is a very busy place just now.

Robert Craig will be one of the judges at the American Rose Society's exhibition at Washington next month.

Walter P. Stokes is delighted with his new truss houses, which stood the great weight of snow without the slightest difficulty.

J. Stern has returned from a successful business trip this week.

The committee in charge of the ways and means for the national society's convention here in August met on Mon-

Acacia Pubescens, $2.50 a bunch. **WHITE VIOLETS, per 100, $1.50**

WHITE LILAC, the finest in the country, $2.00 per bunch

CUT BOXWOOD, 15c per lb. in cases, (50 and 100 lbs.)

We Have an Exceptionally Fine Stock of..... **Well Rooted Carnation Cuttings** From the Best Growers, As Follows:

	Per 100	Per 1000		Per 100	Per 1000		Per 100	Per 1000
Craig	$5.00	$45.00	Enchantress	$2.50	$20.00	Queen	$2.00	$15.00
Victory	6.00	50.00	White Lawson	2.50	20.00	Cardinal	3.00	25.00
Haines	6.00	50.00	Harry Fenn	2.50	20.00	Flamingo	3.00	25.00
Peary	3.50	30.00	Lawson	2.00	15.00	Var. Imperial	10.00	100.00
Bountiful	3.00	25.00	Red Sport	3.50	24.00	Pink Imperial	10.00	100.00
Goddard	6.00	50.00	Patten	2.50	24.00			

S. S. PENNOCK-MEEHAN CO.

THE Wholesale Florists of PHILADELPHIA, 1608-1618 Ludlow St.

Mention The Review when you write.

PRIZE ASTER SEEDS

Every florist needs good, dependable ASTER SEED. Our stock is strictly new, grown by specialists in the best adapted locality. The seed has been harvested from the very choicest double blooms.

TRUFFAUTS'
Peony-Flowered Aster

	Trade Pkt.	Oz.
CRIMSON	30c	$1.50
LIGHT BLUE	30c	1.50
PINK	30c	1.50
PURPLE VIOLET	30c	1.50
WHITE	30c	1.50
MIXED	30c	1.25

Semple's Branching Aster

	Trade Pkt.	Oz.
LAVENDER	30c	$1.00
ROSE PINK	30c	1.00
SHELL PINK	30c	1.00
PURPLE	30c	1.00
RED	30c	1.00
WHITE	30c	1.00
MIXED	30c	1.00

Get our **FLORISTS' WHOLESALE CATALOGUE** which contains a large list of other Asters and up-to-date flower seeds.

PLANT STAKES

You will need these soon for staking up Hyacinths and Lilies. The list below is only a small selection from our large stock.

Diam.	Length	100	1000	Diam.	Length	100	1000
⅜-inch	36-inch	60c	$4.25	¼-inch	36-inch	60c	$4.75
⅜-inch	42-inch	65c	5.50	¼-inch	42-inch	60c	5.50

The above prices are for plain stakes, if painted stakes are desired, please add 50c per 1000 to these prices.

12-inch Hyacinth Stakes, dyed ..... 85c per 1000.
18-inch " " " ..... $1.25 "

RAFFIA, for tying plants, lb., 15c; $1.25 for 10 lbs.; 100 lbs., $11.00

HENRY F. MICHELL CO.

1018 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

day. Progress is reported. The committee is now hard at work making the necessary arrangements.

Edward Neiman, for many years with Robert Crawford, Jr., has been obliged to give up his position and go to Mexico to recover his health. Mr. Neiman, who is very popular, will be much missed.

Edward Reid has secured the confidence of a large circle of customers. He looks after their interests faithfully, giving them the benefit of a decline in the market with the same promptness that he gives his growers the benefit of an advance.

W. Atlee Burpee & Co. have offered a handsome prize for fifty Golden Gate at the American Rose Society's meeting in Washington March 13.

Harry Weiss, who has since his return from the west been with his brother, Eugene Weiss, at Hatboro, will again go into business on his own account and is building two large houses on property next to his brother's.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil. in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

70.—Is Philadelphia a good market for field-grown asters which would be three weeks earlier than those grown near Philadelphia?

Ans.—Yes.

71.—What varieties are most profitable?

Ans.—I would suggest Queen of the Market for early, and Semple's for late.

72.—What color would bring most money?

Ans.—White.

73.—If variety of color, what proportion of each color should be used?

Ans.—Try one-third white, and one-sixth each of lavender, purple, pink and red.

74.—What prices usually rule, and what length stems?

Ans.—From 50 cents to $1.50 a hundred; occasionally $2 for fancy stock, when in demand. The length of stem is usually from twelve to eighteen inches.

75.—Would field-grown longiflorum or Harrisii lilies find ready sale, and at what price per flower or stalk?

Ans.—I would not consider these as particularly good risks, owing to their being easily bruised. The price per flower, when sold, would probably be from $3 to $5 per hundred. PHIL.

CINCINNATI.

The Market.

Fine bright weather is working wonders in the way of bringing out the quality and quantity of flowers. There has been a marked improvement during the last week. Roses are showing up the best, with carnations a close second. While the supply has not increased greatly still it is possible to take good care of all orders without much trouble. Bulbous stock is still doing first-rate. Other varieties of flowers are in good supply and going nicely. Violets are none too plentiful.

Lent has made itself felt, as it always

We are handling the choicest line of . . . . .

Carnations

in the Chicago Market. Exclusive supplies of Rudd's "Blue Ribbon" red and pink seedlings for fancy trade.

—HEADQUARTERS FOR—

Wild Smilax, Boxwood, Ferns, Galax, Etc.

The Largest Stock of

Up-to-Date Florists' Supplies

and Manufacturers of "Up-to-date" Wire Designs in the West.

—CATALOGUE FREE—

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$5 00 to $10.00
Richmond and Liberty	5 00 to 10.00
Golden Gate and Uncle John	5 00 to 10 00
Chatenay	5.00 to 10 00
Killarney	8 00 to 15.00
Roses, our selection	5.00
CARNATIONS	1.50 to 3.00
" fancy	4.00 to 5.00
MISCELLANEOUS	
Violets, double	.75
" single	.50 to .75
Harrisii Lilies, doz., $2 00 to $2 50	
Callas " 1.50 to 2.00	
Valley	2.00 to 4.00
Paper Whites and Romans	3.00 to 4.00
Jonquils, Daffodils	3.00 to 4.00
Sweet Peas	1.00 to 1.50
Tulips	3.00 to 5.00
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.25 to .50
Adiantum, per 100	1.00
Ferns, common, per 1000	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood, 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

does, especially at the beginning of it. It would seem that the people take on themselves a special degree of piety during the first weeks of lent, but the pressure is too great and it usually wears off after a couple of weeks and then business begins to move about as usual. The fact that flowers are not overplentiful has taken away what depressing effect the beginning of Lent usually brings. The great amount of funeral work has also helped things greatly.

Paul Berkowitz was a caller.

C. J. Ohmer.

The Greenhouse Structural Co. has leased the building in 840 West Fourth street. The building is a two-story structure on a lot 22x88 feet to an alley. The annual rental is $480.

Robert Boeck, 61 years old, whose greenhouses are in Hyde Park, was thrown down and dragged by his horse. He was badly cut up and one leg was so seriously injured that the bone protruded through the flesh. With remarkable fortitude he crawled around until he found two pieces of lumber, that he used as crutches, and hobbled back to the house. Dr. Arthur Brown and another surgeon were called and they declared the old man's feat in floundering home on the two boards, with both legs mangled, was one of the most remarkable displays of fortitude which had ever come under their notice. They found him calmly smoking his pipe in bed, with his pet dogs near.

PLANT FOR NAME.

I enclose a small plant. Can you tell me if it belongs to, or is a fern? If so, please give name and class. We are somewhat divided in opinion and want the opinion of one versed in such.

L. A.

The specimen received is one of the selaginellas, a genus closely allied to the mosses and embracing several hundred varieties. As near as we can determine, the specimen being somewhat withered, this species is the old and well-known Selaginella denticulata, which succeeds well under benches or in any damp and shady location under glass. In sunshine the plant turns more ruddy in appearance. The variety S. uncinata, or cæsia, is of a metallic blue color, forming trailing shoots one and a half to two feet long and makes a pretty basket plant.

C. W.

NEW YORK.

The Market.

Winter's reign continues, with intervals of springlike temperature. For instance, Sunday was warm and sunny. At midnight the temperature had fallen 30 degrees and Monday was back to frost. Easter is only five weeks away. The auctioneer oiling his pipes for an early March sale and the busy seedsmen are all consoling features, for they are sure harbingers of the merry springtime.

The sun last week did effective work. We hear of no shortage of anything; in fact, shipments were heavy and prices much lower as last week drew to a close. Saturday evening, the day of large deliveries and market cleaning, saw no improvement. Like the inevitable January thaw came the February slump and now values have resumed their normal state and are back to the plane of other years at this season. The supply this week will be large. The quality of everything is superb and if the general retail business will show some snap and life all will be well.

There are plenty of balls, weddings and funerals. One retailer had three balls in a single day, a rather significant number, but not an insignificant achievement. Then, too, according to the man who knows Wall street, the market there is more cheerful and prices are advancing, so the flower market should demonstrate elation without delay. Nobody seems to notice Lent. Why flowers and pure and undefiled religion should not go hand in hand it would take the man who quotes from Genesis or one of the old and wornout prophets to explain.

Beauties do not go above $9 per dozen these days, many of the best at $5 a dozen. Brides and Maids are down to $12 per hundred for the finest. Thousands are closed out at $10 and so on down to $2 for No. 2. The novelties, as they still class Killarney, Richmond and Chatenay, also felt the general trend.

Carnations suffered most of all. Great quantities of the best Enchantress, and there seems to be more of these than any other variety, sold at $4. Lawsons were to be had at $2 and ordinary stock of all kinds sold at times as low as $10 a thousand.

Valley could be had in quantities at $1 and $2. A few brought $3. Jos. Fenrich handles large quantities daily

Wietor Bros.

51 Wabash Avenue, CHICAGO

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stems	6 00
30-inch	5 00
24-inch	4 00
20-inch	3 00
18-inch	2 50
15-inch	2 00
12 inch	1 50
Short	$0 75 to 1 25
	Per 100
Maid and Bride	$5 00 to $10 00
Uncle John	5 00 to 10 00
Chatenay	5 00 to 10 00
Richmond	5 00 to 10 00
Perle	5 00 to 8 00
Golden Gate	5 00 to 10 00
Killarney	8 00 to 15 00
ROSES, our selection	5 00
Carnations	2 00 to 3 00
Valley	4 00 to 5 00
Violets	75 to 1 00
Paper Whites	3 00 to 4 00
Romans	3 00 to 4 00
Callas, per doz.,	1 50 to 2 00
Harrisii "	2 00 to 2 50
Asp. Plumosus, bunch,	50 to 75
Ferns, per 1000,	3 00
Galax "	1 00

Mention The Review when you write.

Novelty Tulips

$4.00 to $5.00 per 100

The only item we see scarce is American Beauties. Send us your orders for all cut flowers in season.

WILD SMILAX

Large Supply Constantly on hand. Fine quality. Large cases, only $5.00.

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS

40-42-44 Randolph Street, CHICAGO

L. D. Phone, Central 466.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36-inch	$5.00 to $6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Teas)	Per 100
Bride and Maid	$5.00 to $8.00
Richmond	6.00 to 12.00
Golden Gate and Uncle John	5.00 to 10.00
Chatenay	5.00 to 12.00
Roses, our selection	6.00
CARNATIONS	1.50 to 2.00
" fancy	3.00
MISCELLANEOUS	
Violets, double	.75 to 1.00
Violets, single	.60 to .75
Harrisii Lilies, per doz.	1.75 to 2.00
Callas, "	1.50 to 2.00
Valley	3.00 to 4.00
Romans	3.00
Tulips	3.00 to 4.00
Daffodils, Jonquils	3.00 to 4.00
GREENS	
Smilax Strings, per doz.	2.00
Asparagus Strings, each	.40 to .50
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35 to .50
Adiantum, per 100	1.00 to 1.50
Ferns, common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, per 100	0, green, .75
Leucothoe Sprays, "	bronze, 1.00

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

VIOLETS and VALLEY

Fine Singles or Doubles, 75c Per 100.

Fancy stock always on hand, $3.00 to $4.00 per 100.

Carnations

Good Stock, $1.50 to $3.00 per 100. Fancy, $4.00 per 100; Special, $5.00 per 100.

Roses

Fine quality and larger cuts. $5.00 to $12.00 per 100.

BULB STOCK

Large supplies of Tulips, all colors; also Jonquils, Daffodils, Paper Whites, Romans, Callas and Lilies. Tulips, $3.00 to $4.00; Fancy, $5.00 per 100.

VAUGHAN & SPERRY, 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

from Anton Schultheis, of College Point.

When the street merchants have violets, and good ones, at "twenty-five a bunch," ribbons and perfume included, you can imagine how many surplus boxes are arriving daily. Even the choicest in 100-bunch selections did not reach $1. Violets sold as low as 20 cents last week and carnations at 50 cents per hundred. Orchids hold steady, thanks to out-of-town demands in addition to a city trade that now is stable and growing universal. A florist here who does not handle orchids is behind the procession and is likely to stay there.

Tulips are a drug; too many altogether for comfort. Lots of them unsalable. Narcissi are quite as abundant, making windows wonderfully springlike at small cost. There is no excuse for stinted display or wisdom in carelessness as to daily redecoration of the retail windows.

Various Notes.

Fred Breitmeyer, of Detroit, was a visitor February 16 and under the care of Frank Traendly seemed quite at home in the wholesale district. He tells me La Detroit is queen of the pink roses in his city and Bridesmaids are not called for. He promises a fine exhibit at the Washington rose show.

Myer is having a busy season at 609 Madison avenue, and has had many notable weddings since the new year began. The daily New York papers have itemized his artistic work and given him much praise for unique and beautiful effects. The last wedding of note was the Morgan-Pruyn decoration a week ago, where laurel and bay trees were used extensively and originally to the satisfaction of all concerned. Myer is rapid in his progress and has a finely decorated store, quite up-to-date in every way.

Alex McConnell has issued a neat pamphlet entitled "How to Cultivate and Care for Decorative Plants for Adornment of Your City and Suburban Homes." It is a complete condensation of instruction that cannot fail to be of practical service to his customers. Every retailer might well copy this plan of generous advertising. A visit to Mr. McConnell's big store in the Arcade makes one forget the snow and winter. With its forsythia, lilac, snowballs and hyacinths, it is a breath of the spring.

Jas. T. Gillespie, formerly superintendent of the Geo. Gould estate, at Lakewood, is now in charge of Belle Terre, a 1,500-acre tract of land at Port Jefferson, L. I.

A visit to the nurseries of Bobbink & Atkins shows that a great supply of Easter blooming plants will be ready on time, including lilies of splendid promise and quantity.

The new houses of the Julius Roehrs Co., built for orchids, are completely filled and profusely blooming. There are six of them, thoroughly up-to-date, built to last a century, with tile benches and every modern improvement. A large packing shed adjoins the range and ample provision has been made for steady yearly additions to the plant. The company has recently bought a large tract of land adjoining its property for further expansion.

February 15, under the guidance of Mr. Ross, of the F. R. Pierson Co., a dozen Jersey and Long Island gardeners visited the Scarboro plant of this firm



Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, $2.50 per case. The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

Speed a specialty. Write for catalogue.

CALDWELL THE WOODSMAN DECORATING CO., -- -- EVERGREEN, ALA.

Mention The Review when you write.

BRILLIANT

GALAX AND LEUCOTHOE SPRAYS

Wholesale Trade Solicited

J. L. BANNER & CO., Montezuma, N. C.

Mention The Review when you write.

and enjoyed the hospitality of the house at a Tarrytown dinner.

Charles Schenck, of Traendly & Schenck, was married last Tuesday evening to Miss E. Pachner, of this city, the ceremony taking place in Tuxedo hall, which was elaborately decorated for the occasion by Warendorff. The honeymoon was spent in the south and the best wishes of the trade are extended to the happy couple.

The Bloomingdale's floral department, under the superintendency of Mr. Burnham, will add several thousand square feet of glass this spring, making this plant the largest roof garden of its kind on the continent.

At Bridgman's the Rickards brothers are already heels over head in spring orders.

O. V. Zangen, the Hoboken seedsman, reports an early call for all his specialties and a great outlook for the seed trade this season. The voice of the suburbanite is already sounding clear and strong.

As to the Easter plant trade in the city, Chas. Millang is already clearing the decks for action. His conservatories are always filled with the best in the market and he thinks five weeks are all too short in which to prepare for the coming avalanche of orders.

J. K. Allen's 6 o'clock stunt is growing easier every morning, as the days grow longer, but winter and summer make no change in his early devotions. He boasts a record of never having kept a grower waiting for his check every Tuesday for nearly twenty years.

Jas. Hart, the veteran, has been under the weather with grip. Like the rest of them he is preparing for a big plant Easter and has a large enough store to make this a successful adjunct to his cut flower trade.

H. E. Froment reports a trade quite the equal of last year's aggregate to date, with stock more abundant and of better quality than at any time since Christmas, especially in roses, of which he has a large supply.

W. H. Donohoe has one of the biggest weddings in his experience this week, using quantities of American Beauties in the decoration. Mr. Donohoe has fully recovered from his recent illness.

David Clarke's Sons say the season has exceeded all years to date and have forgotten what a dull day means.

Young & Nugent, on West Twenty-eighth street, are at all times careful of unique window decoration, enhanced at night by novel lighting effects.

This issue of the Review will reach New York in time to remind any who

HEADQUARTERS FOR

Hardy Cut Greens and Florists' Supplies



FANCY AND DAGGER FERNS, fine quality, $1.50 per 1000.

NEW CROP BRILLIANT BRONZE AND GREEN GALAX, $1.00 per 1000; $7.50 per case of 10,000.

SOUTHERN WILD SMILAX, $3.50 and $7.00 per case.

LAUREL FESTOONING

Good and full, 5c and 6c per yard.

BRANCH LAUREL, 50c per bunch.

LEUCOTHOE SPRAYS, $1.00 per 100.



SPHAGNUM MOSS, 50c per bag; five bags, $2.00. GREEN MOSS, $1.00 per bbl.

FLORISTS' SUPPLIES—A full line of Florists' Supplies, Wire Frames, Corrugated Boxes, Cut Flower Boxes, Immortelles, Cycas Leaves, Sheaves of Wheat, Tin Foil, Cut Wire, etc.

HENRY M. ROBINSON & CO.

Tel. 2617-2618 Main. 15 Province St., 9 Chapman Pl., Boston, Mass.

Mention The Review when you write.



Extra fine FANCY and DAGGER **FERNS** $1.75 per 1000.

Discount on large orders.

BOXWOOD, 20c per lb.; 50 lbs., $8.50. GALAX, Bronze and Green, $1.25 per 1000. LEUCOTHOE SPRAYS, $1.00 per 100; $7.50 per 1000.

Let us have your standing order for Ferns. Will make price right all through season. Send for our weekly price list of Cut Flowers.

MICHIGAN CUT FLOWER EXCHANGE, WM. DILGER, Mgr.

38-40 BROADWAY, DETROIT, MICH.

Mention The Review when you write.



FERNS

Largest stock of any dealer in the trade. Fancy and Dagger, $1.25 per 1000.

ROBERT GROVES

ADAMS, MASS.

Mention The Review when you write.

Ferns-Galax-Leucothoe

Hardy Fancy Ferns
Per 100.....20c Per 1000.....$1.50

Green and Bronze Galax Leaves
Per 1000.....$1.00 Per 5000.....$3.75

Green and Bronze Leucothoe Sprays
Per 100.....50c Per 1000.....$4.50

Boxwood
Per lb.....15c Per case.....$6.50

Green Sheet Moss
Per bale.....25c Bundle, 5 bales...$1.00

Sphagnum Moss
1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist

36 East Third St., CINCINNATI, OHIO

Mention The Review when you write.

FOR SAINT PATRICK'S DAY

GREEN CARNATIONS

USE AJAX FLOWER DYE.

The only Dye on the market that will color a beautiful **Emerald Green** and still allow the flower to retain its natural appearance. Money refunded if not satisfactory. Complete instructions free. Per quart by express $1.00. Can only be had from

E. F. WINTERSON CO., 45-47-49 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

forget that Saturday evening, February 23, at 7:30, the great annual reunion of the New York Florists' Club takes place, at the St. Denis hotel, and that in addition to dinner, wine and song, one of the prominent after-dinner orators of the country will be present to give tone and eclat to the occasion. The mystery as to the selection and whether the orator be Robert Craig, Chauncey Depew, Delmas, of California, Gurney Hill, or Luther Burbank, must remain in doubt until President Totty sees fit to reveal it. Patrick O'Mara will serve the toast, as usual. There would seem to be no good reason why every one of the 250 club members should not attend. These annual reunions are so attractive that absence from them seems inexplicable.

Charles B. Austin is now a member of the firm at 100 West Seventeenth street, formerly Traendly.

Mr. Trepel, of Brooklyn, with Loeser & Co., has had some large decorations lately. His daily purchases in the wholesale flower market are equal to those of any house in the retail business probably in this country. There is nothing in any branch of horticulture he does not handle. His sales of hardy roses this spring will reach over 50,000.

William Starke is enlarging his conservatory, at 52 West Twenty-ninth street, to more than double its present dimensions. He has had a large shipping trade all winter and has just returned from filling a contract at Albany. He is getting ready for the inevitable Easter trade, which promises to break all records this season.

Russin & Hanfling's representative is now in the west beginning his trip at

Green Carnations

A new method and a good one. Enough powder to make 1 quart of fluid for $1.00; gallon, $3.50. **Prepaid to any address.** Our goods are fully guaranteed to be the best. Buy from the **Originator.** Write today. Samples free.

FRED GEAR, (Originator, not the Imitator) **1113 Vine St., Cincinnati, Ohio**

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Very Best Quality Bronze and Green Galax Leaves $6.00 per case 10,000

Beautiful Bronze Leucothoe Sprays..$0.60 per 100
" Green " " .. .50 per 100
Rhododendron Sprays, very choice... 1.50 per 100
Fancy and Dagger Ferns.....$2.00 per 1000
I guarantee all stock satisfactory.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy.....70c per 1000
Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

COMING Get Ready for ST. PATRICK

Emerald Green Coloring, the best for Carnations. Ready for use, $1.00 per quart.

Manchester Chemical Co.
2804 Manchester Ave., ST. LOUIS, MO.
Phones, Kinloch, Central 5313; Bell, Beaumont 84
or C. A. KUEHN, 1122 Pine St., St. Louis, Mo.

Mention The Review when you write.

GREEN
Carnation Fluid

For coloring white carnations green for St. Patrick's Day, price, $1.00 per bottle. **Write today** for **Free Samples** with full instructions.

Edwards & Co., Newport, Ky.

Mention The Review when you write.

Green CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages 60c. 2c stamps accepted.

Louis Elsass, Chillicothe, Ohio

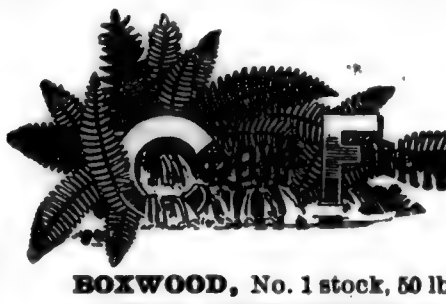
Mention The Review when you write.

Pittsburg. This firm makes a specialty of baskets, manufacturing the entire stock at the factory, 114 West Twenty-eighth street. They have some unique designs for Easter.

Ford Bros. have their daily carnation exhibit, quite remindful of Toronto in extent and quality.

A. J. Guttman has added neat office facilities to his big store at 43 West Twenty-eighth street. He reports a continuous demand for the new carnations which he controls, with Victory maintaining its popularity.

J. AUSTIN SHAW.



Fancy or Dagger Ferns
$1.25 per 1000.

Galax, Bronze or Green
75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases, $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 35c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.
ALSO DEALER IN

Baled Spruce for Cemetery Use

BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

Mention The Review when you write.

SPHAGNUM MOSS AND PEAT

We will ship on receipt of $2.10 one 10-bbl. bale of selected moss, or for $2.60 we will ship one 10-bbl. bale of selected moss and one bbl. sack of our peat as samples, showing the quantity and quality of our goods. We have a large lot of new selected moss on hand and best grades of peat. Our prices are low. Before placing your order elsewhere write for prices.

AMERICAN MOSS AND PEAT CO.
Corlis Bros., Props., **Waretown, N. J.**

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

THE REVIEW is the florists' best paper. —L. J. BROSEMER, Oswego, N. Y.

HAVE dropped all others in preference to the REVIEW.—ISAAC HUSBANDS, Bellevue, O.

Do without the REVIEW? No! Not on your life! It is one of my best friends. —JESSE P. KING, Mt. Airy, Md.

I HAVE been more than pleased with the REVIEW, and could hardly do without it.—W. A. LANKFORD, Charlottesville, Va.

Peter Reinberg

51 Wabash Ave., CHICAGO

1,500,000 FEET OF GLASS

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Long stem	$6.00
30-inch	5.00
24-inch	4.00
20-inch	3.00
18-inch	2.50
15-inch	2.00
12-inch	1.50
Short	$ .75 to 1.25

	Per 100
Maid and Bride	$5.00 to $10.00
Uncle John	5.00 to 10.00
Chatenay	5.00 to 10.00
Liberty	5.00 to 10.00
Richmond	5.00 to 10.00
Sunrise	5.00 to 10.00
Perle	5.00 to 8.00
Golden Gate	5.00 to 10.00
Killarney	8.00 to 15.00
Ivory	5.00 to 10.00
ROSES, our selection	5.00

	Per 100
Carnations	$2.50 to $3.00
Valley	4.00 to 5.00
Violets	.75 to 1.00
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Callas, per doz.	1.50 to 2.00
Harrisii "	2.00 to 2.50
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	3.00
Galax "	1.00

Mention The Review when you write.

Headquarters for Best Roses

and all other stock in season now removed to Room 202, on the second floor of the Atlas Block, cor. Wabash and Randolph, where we shall be better fixed than ever, and just as anxious to serve our customers.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

NEW ENGLAND DAHLIA SOCIETY.

The secretary of the New England Dahlia Society reports that the membership is constantly increasing and that the society has now so well progressed that the executive committee at the last meeting decided to issue a monthly bulletin beginning with March, which shall be called the Dahlia News. It will contain each month at least one article by some renowned grower of dahlias, on their cultivation or their peculiarities. It will also contain the dahlia news of the world, inform the members what is going on, give descriptions of the new varieties that are introduced and, in general, supply the information that the dahlia growers are looking for.

The last page of this paper is given up to advertising and returns for the same are expected to pay for the cost of publishing. We feel that the society will out-rival in membership any of the others of the same nature in this country or Europe, as we expect a membership of fully 1,000 by the end of the year. We have now members residing in every state in the Union and the interest given to the dahlia at large is surprising.

The secretary of the New England Dahlia Society would appreciate it if the secretaries of the different horticultural societies would inform him of the dates of their shows, where dahlias are included, so the members may be informed of it and exhibit wherever and whenever possible.

All growers of dahlias should join the society at once in order to get the benefit which a membership will give.

Maurice Fuld, Sec'y.

MOLINE, ILL.

The Tri-City Florists' Club met February 14 with William Knees, at his new greenhouses. An enjoyable meeting, both from a business standpoint and socially, was held. F. W. Gardner, of Ionia, Mich., representative of the Ionia Pottery Co., was present. Mr. Knees' new greenhouses, which have just been completed and are now ready to be used for early spring plants, were inspected. The topic that came up for discussion at the business session was "Hotbeds, and the Best Plants to Raise in Them." A lengthy discussion of the subject took place.

Ed Patton, who has charge of the greenhouses of Mrs. Waltmann in the western part of the city, gave a farewell talk, intending to leave for California March 1, taking up new work.

The Tri-City Florists' Club is planning for a banquet, to be made an annual affair. It will be held at the St. James hotel, and will probably take place some time in March. The arrangements are in the hands of a committee consisting of Adolph Arp, of Davenport, William Knees, of Moline, and Ludwig Stapp, of Rock Island. A special meeting will be held at Fejervary park, February 28, and the report of the committee given.

A luncheon and refreshments were served by the host at the close of the meeting.

LOBELIA KATHLEEN MALLARD.

A European correspondent writes: "The American trade cannot do better than take up the new double lobelia, Kathleen Mallard. It is of the most intense azure blue and makes one of the most charming pot plants you can imagine, being absolutely one mass of bloom so as to completely cover all the foliage and, with a scarcity of fine blue plants suitable for pots, has proved one of the very best selling in England in 1906. Cuttings, struck in February in a warm house, potted on when rooted, grown in a temperature of 50 to 55 degrees and plenty of air, result in beautiful, compact little plants by May. It is just the thing for small fancy vases for table decoration and if kept pinched and potted on into 5-inch pots by June and July you will have something extra, and a ready seller."

VEGETABLE PLANTS

CABBAGE New Early and Succession, $1.50 per 1000; 10,000 and over, $1.25 per 1000.

LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.

PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

SEED FROM GROWER TO PLANTER

Tomatoes	Per lb.	Peppers	Per lb.
Livingston's Globe	$2 00	Neapolitan	$1 50
Chalk's Early Jewel	1.75	Genuine Ruby King	1.50
Burpee's Matchless	1.50	Bull Nose or Bull	1.25
Spark's Earliana	1.75	Golden Queen	1.50
Dwarf Champion	2.00	Golden Dawn	1.25
Salvia Splendens	10.00	Golden Upright	2 00

New York Improved Spineless Purple Egg Plant 2.00
Extra Early White Spine Cucumber .50
Hubbard and Boston Squash .50

T. B. TURNER, Swedesboro, N. J.

Mention The Review when you write.

We recommend for forcing:

Gundestrup's Caulitlower New Snowball

better than Dry Weather for forcing, per oz., $2 00. **Lettuce Grand Rapids,** per oz, 10c; ¼-lb., 25. **Improved Arlington White Spine Cucumber,** per oz, 10c; ¼-lb., 25c. **Gundestrup's Early Scarlet Turnip,** white tip for forcing, ¼-lb., 20c; 1-lb., 75c. **Celeriac, Gundestrup's Oval King,** 1-oz., 25c; ¼-lb., 60c.

GUNDESTRUP'S SEED STORE
4273 Milwaukee Ave. CHICAGO

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. Seed, $5.00 per oz.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

600,000 Asparagus Roots

	100	1000
3 years, Palmetto, heavy	50c	$3.50
2 years, Palmetto, strong	40c	3 00
2 years, Conover's Colossal	35c	2.75
2 years, Barr's Mammoth, strong	40c	3.00
2 years, Donald's Elmira	40c	3.00
2 years, Giant Argenteuil	40c	3 00
2 years, Columbian White	50c	3.50

On 50,000 or over, good discount given.
On other Nursery stock, send for Trade List.
RIVER VIEW NURSERIES, J. H. O'Hagan, Little Silver, N. J.

Mention The Review when you write.



Lambert's Pure Culture Mushroom Spawn
Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized.
Has never failed to run
Sold by Leading Seedsmen
Practical instructions on **"Mushroom Culture"** mailed free on application.
American Spawn Co.
St. Paul, Minn.

Mention The Review when you write.

Vegetable Growers Should

Send 5 Dollars

for a swivel wheel and 20 ⅛-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself the **Wittbold Watering System,** or send for circular of testimonials.

Louis Wittbold, 1708 N. Halsted St., Chicago

Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

Vegetable Forcing.

PLEASE, when you write to the REVIEW, give the names and addresses of some of those in your vicinity who grow vegetables under glass.

W. C. BECKERT, Allegheny, Pa., has a long red forcing radish which he calls Cincinnati Market because originally obtained from those who grew it for the purpose indicated.

THE man who grows fancy stock ought to trademark his cases; it will be worth money to him to have his stock easily distinguishable from the common run in wholesale markets.

THE Keene is a heading variety of lettuce which originated near Rochester, N. Y., and is used extensively in that locality, both for forcing and for early spring planting in the open. James Vicks's Sons say they think highly of it and that it is so early that it may be marketed weeks ahead of Boston Forcing and other popular market sorts.

VEGETABLE MARKETS.

CHICAGO, Feb. 20.—Cucumbers, $1 to $1.50 doz.; leaf lettuce, 35c to 40c case; radishes, 40c to 45c per doz. bunches; mushrooms, 35c to 50c lb.

BOSTON, Feb. 18.—Cucumbers, $4 to $15 per box; tomatoes, 25c lb.; mushrooms, 50c to 75c lb.; lettuce, 25c to 75c doz.; dandelion, $1.25 to $1.50 box; radishes, 25c to 30c doz. bunches; rhubarb, 5c to 7c lb.; asparagus, $2.50 to $3 doz. bunches; escarolle, 75c to $1 doz.; mint, $1 doz. bunches; parsley, $1.50 to $2 box.

NEW YORK, Feb 19.—Mushrooms in moderate supply, but demand light and tone weak. Cucumbers firm at the recent advance. Lettuce shows poor quality and dragging, with most sales from 50c down. Mint shows further decline. Radishes held about steady. Rhubarb dull. Tomatoes in light supply. Cucumbers, 75c to $2.25 doz.; lettuce, 25c to 75c doz.; mushrooms, 35c to 65c lb.; radishes, $2 to $2.50 per hundred bunches; parsley, 12c to 15c doz. bunches; tomatoes, 15c to 30c lb.

STARTING VEGETABLE PLANTS

Pricking Off.

Previous to pricking off, the flats in which the plants are to be put should be got ready. In making them the grower will have to be governed by the class of trade he means to supply. If wholesale, it is immaterial what size the flats are, so long as they are of an easily handled size, as the plants will have to be taken from the flats for convenience in shipping. But with a local trade they generally take better as they stand in the flats. In this case it is better to have the flats just the size to hold a certain number.

Small flats could be constructed that would hold one dozen, others, a dozen and a half, and others, two dozen plants. A cheap, light box can be constructed of lath. A flat four laths wide, two laths deep and twelve inches long will accommodate one dozen plants. The laths can be spaced a little, which helps to add to the size. This is for tomatoes and plants of like size. The ends are made of ½-inch material, which gives something to nail to and makes a nice, stiff flat. For eighteen plants the flat can be increased in length and the same material will suit, but for larger flats than this heavier material is needed.

The time at which the plants are ready for pricking out will depend to a considerable extent on how thickly they have come up in the seed pans. If there is no danger of their becoming crowded and drawn by being too thick, it is all right to let them remain until they have made the first rough leaves. But should there be danger of crowding or drawing, they will have to be handled at an earlier stage, though there is always a larger percentage of loss when the plants are handled small, as the operation is more delicate and the plants more susceptible to injury.

The soil used should be of a free, rather light, nature with little or no manure. As a short, stocky growth is desired, an overrich soil should be avoided. A poor soil, however, would be benefited by the addition of some old, well-decomposed manure. The soil should be in a moderately moist condition, so that only a sprinkling is necessary after the plants are set. If a heavy watering were necessary the soil would be rendered too wet and heavy, which would considerably deter the starting of the little plants.

Shade from the direct rays of the sun should be provided for a few days following the setting out, as the little plants would wilt and suffer until they have had time to make fresh roots in their new quarters.

Vegetable plants are better divided into two divisions as regards the temperature in which they should be grown. Tomatoes, egg plants, peppers and plants of this class should be grown in a night temperature of 55 to 60 degrees, while cabbage, cauliflower, lettuce, etc., will make better plants if grown 10 degrees lower. We too often see them all grown in one house, where an intermediate temperature is maintained, with the result that none of them are doing really

Hothouse Specialties

Our Mr. Rawson being one of the largest growers of Vegetables under glass in this country, we have developed many special strains, including:

Rawson's Hothouse Cucumber

which we confidently believe superior to any other on the market; 60c per oz.; $1.50 per ¼-lb.; $5.00 per lb.

RAWSON'S SCARLET CONICAL RADISH

Best for forcing; many largest growers use it exclusively. Brilliant scarlet, conical, short-topped, remarkably uniform, tender, crisp; 90c lb.; 10 lbs., $8.00; 100 lbs., $75.00.

These and many other specialties fully described in our Market Gardener's List for 1907, just issued. Sent free on request.

W. W. RAWSON & CO., 5 Union St., Boston

Mention The Review when you write.

FARQUHAR'S PERFECTION

FORCING CUCUMBER

A much improved strain of White Spine, long, smooth, rich green, robust, 10 days earlier than the old strains and more productive. Unequalled under glass. Pkt., 25c; ¼ oz., 35c; oz., $1; ¼ lb., $3, lb. $10. Write for complete catalogue.

R. & J. FARQUHAR & CO., BOSTON, MASS.

Mention The Review when you write.

COMET TOMATO SEED

Grown from true stock. Excellent for forcing. 50c and $1.00 per pkt. **H. M. SANDERSON, 111 LINCOLN ST., WALTHAM, MASS.**

Mention The Review when you write.

well. They should be grown in separate houses, if possible; but if this cannot be done, there is usually a difference in temperature in the different ends of the house. So by putting the tenderest plants at the warm end and vice versa, they can be helped considerably.

As the season advances and the temperature rises it does not make such a great deal of difference, as the plants are then well under way, and if the conditions are a little adverse they are better able to stand it. The most critical time is the first few weeks after transplanting; so conditions should be made as favorable as possible for them during that time.

Watering must be judiciously done through the whole course of their growth, especially in the earlier stages. While the plants are still small and unable to absorb much moisture there is always danger of souring the soil if water is indiscriminately applied. Later, when the flats are full of roots, it is hard to overdo the watering, especially during bright weather; but care must be taken that they do not suffer from the want of it. W. S. Croydon.

STERILIZING LETTUCE SOIL.

I was reading about Eugene Davis' method of sterilizing lettuce soil. Would you kindly state what kind of system he uses? You say in your paper that he uses 1-inch pipe; but please state how far apart he puts the pipe. One pipe surely does not sterilize a bed sixteen feet wide and 150 feet long. When is the best time to do this, in the fall or just before you set out a crop of lettuce in the winter? We have been changing our soil every two or three years, but lately this has not done much good. We take out about three to four inches of soil. S. F. Co.

The pipes should be laid about three feet apart the whole length of the bed to insure thorough sterilization. It does not matter a great deal when the operation is done, but the nearer the time of planting, the better, as then you are sure that all insect and fungus life is destroyed when you do plant.

W. S. C.

AN ILLINOIS ESTABLISHMENT.

The vegetable-growing plant of George G. Whitcomb, Streator, Ill., has some interesting features. Besides the boiler-room and a packing house 20x50, there is a propagating house 12x90 and eight greenhouses, each 15x300. The steam heating plant was installed by Wood, Mulford & Co. and was completed a few weeks ago. It has been put to a severe test and has given entire satisfaction. During the recent cold spell, when the mercury was at zero and below, even when a stiff northwest wind was blowing, the temperature inside was easily kept at 80 degrees.

The two eighty-horsepower boilers are on the ground level. The system is high and low pressure, so that, while from twenty-five to sixty pounds pressure of steam may be carried on the boilers, the reducer limits the pressure on the pipes to from two to ten pounds. In the entire system, exclusive of the main header, which is 8-inch pipe, there are seven miles of 1¼-inch pipe. The steam, after coming through the reducers from the boilers, goes into the main header, which runs across the front of the entire establishment. At the end of each house is a trap. The steam as it condenses is forced through these traps into the returns under the buildings, and is carried back to a pump in the boiler room, where it is automatically pumped into the boilers again, thus keeping the heating pipes free from water.

The mechanical watering system is fed from a 1,000-gallon tank stationed above the boilers. These warm the water in the tanks by means of a coil connection, provision being made to let in cold water if need be to reduce the temperature. In this system there are 3,000 feet of galvanized iron pipe with small spray nozzles three feet apart in the pipe.

Cucumbers are to be the principal crop, but next season lettuce will precede the cucumbers and tomatoes also will be grown. The first crop is now going to the Chicago market and bringing good prices.

Fairhaven, Mass.—S. S. Peckham has sold out his retail business at New Bedford and has the intention of growing for the wholesale trade exclusively, at his place here.

Sioux Falls, S. D.—The firm of Nudd & Thomas has been dissolved, J. J. Nudd retiring. The business will be continued by G. A. Thomas under the name of the Thomas Greenhouse.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—By florist's apprentice; age 21; reference. R. Beecher, Union Grove, Wis.

SITUATION WANTED—March 1st, by a single sober, all-round man on private or commercial place; 16 years experience. Address No. **64**, care Florists' Review' Chicago.

SITUATION WANTED—As gardener: Swiss, age 23; 6 months in this country; good foreign and American references; open for engagement March 1. Address Gustav Glock, 608 Warren St., Evanston, Ill.

SITUATION WANTED—In retail florist's store by young lady, March 1; four years' experience in floral work; best of references; state salary without board. Address No. **67**, care Florists' Review, Chicago.

SITUATION WANTED—A1. up-to-date store man wishes position with first-class firm; good designer and decorator; capable of taking charge. Address No. **86**, care Florists' Review, Chicago.

SITUATION WANTED—An American of 32 years would like to correspond with party who needs an up-to-date rose and carnation grower and manager of help; wages wanted $18.00 a week. Address No. **83**, care Florists' Review, Chicago.

SITUATION WANTED—By a married man; Scotch; as private gardener on a gentleman's place; thoroughly understands the management of greenhouses, fruits, flowers, vegetables, lawns, etc.; open for engagement April 1. Address No. **84**, care Florists' Review. Chicago.

SITUATION WANTED—By young man of good appearance and address, as assistant in up-to-date retail store; prefer the east; best of references as to character and ability, experienced. Address No. **88**, care Florists' Review, Chicago.

SITUATION WANTED—By grower with 15 years' practical experience in roses, carnations, mums, general pot plants and forcing stock; first-class propagator; best references; Central or Eastern states preferred; please state full particulars with salary. Address No. **68**, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman by a practical grower and propagator; sober and honest; 22 years' experience in general line of cut flowers, roses, carnations and pot plants, bedding and tropical plants; capable of taking charge of a large place; good wages expected. Address No. **65**, care Florists' Review, Chicago.

SITUATION WANTED—By married man with good habits; 28 years of age; good grower of carnations, roses, mums, bedding plants, orchard, vineyard; good designer; 4 years in this country; has good education; wants good position on private or commercial retail place; full particulars in letter. Address No. **77**, care Florists' Review, Chicago.

SITUATION WANTED—As foreman for prominent landscape architect or manager landscape department of large nursery; graduate of I. C. S. of C. E. as surveyor; competent to lay out, compute area, obtain levels, grades, drainage, road building, also detail, topographical mapping; 14 years' experience as head gardener; understands the habits, requirements and proper handling of horticultural subjects as to most advantageous location and soil requirements. Address No. **66**, care Florists' Review, Chicago

HELP WANTED—Steady, sober man; must be good grower of carnations and general stock; $30 with board. Address Anton Krut, Butler, Pa.

HELP WANTED—Florist, single, experienced and of good habits; good position; state ability, etc. W. W. Stertzing, 7280 Manchester Rd., St. Louis, Mo.

HELP WANTED—Single man as working foreman with knowledge of growing Adiantum and Sprengeri. Address with qualifications, No. **80**, care Florists' Review, Chicago.

HELP WANTED—Two good men for pot and bedding plants; $12.00 and $10.00; come quick. Mount Hope Greenhouses, Morgan Park, Ill.

HELP WANTED—One or two good all-round growers; must be sober; no firing; apply J. W. Lyon Co., W. P. Williams, Mgr.. Belvidere, Ill.

HELP WANTED—Salesman acquainted with the trade to carry side line, pocket sample; quick seller; large profits. Address The Covington Seed Co., Covington, Ky.

HELP WANTED—A florist for general greenhouse work; single man; German perferred; Wages $35.00 a month with board. Saxe and Floto, 205 So. Main St., Waterbury, Conn.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. **1**, care Florists' Review, Chicago.

HELP WANTED—First-class carnation grower at once, for modern place; if not up-to-date don't answer; state wages expected. Address Miami Floral Co., Geo. Bartholomew, Mgr., Dayton, Ohio. R. R. No. 11.

HELP WANTED—Grower thoroughly posted on pot plants and forcing of bulbs and valley; good wages and an opportunity for advancement; give references. Address M. Bloy, Rocky River, O.

HELP WANTED—Young man with some experience in general greenhouse work; $25.00 per month with board and room to start; state experience, references, etc. Paul E. Richwagen, Needham, Mass.

HELP WANTED—Married man; must be good grower of roses, carnations and general stock; $50.00 with house; required to board two men. Address No. **87**, care Florists' Review, Chicago.

HELP WANTED—Capable man to take charge of small retail place, or man and wife without children if wife will assist in house; state experience and terms. Address No. **78**, care Florists' Review, Chicago.

HELP WANTED—Settled married man of experience to take management of established florist's store; salary and part interest or all salary if desired. Address No. **82**, care Florists' Review, Chicago.

HELP WANTED—Competent man experienced in the growing of A-1 cut flowers and plants, design work, etc.; on place 15,000 feet of glass; must be handy with tools; steady position. Address Sterling Floral Co., Sterling, Ill.

HELP WANTED—A competent carnation grower with practical knowledge of general stock; none but a good carnation man need apply; state salary in application. Address No. **69**, care Florists' Review, Chicago.

HELP WANTED—2 active young men with some greenhouse experience, to work under foremen; wages $10.00 per week, pay weekly; steady employment, good position for the right men. Address Youngs' Seed Store, 1406 Olive St., St. Louis, Mo.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—A florist who is a good grower. Apply Wm. Clark, Colorado Springs, Colo.

HELP WANTED—A1 carnation grower; state lowest wages with board. N. C. Moore & Co., Morton Grove, Ill.

HELP WANTED—An experienced nurseryman, familiar with all kinds of ornamental stock, some knowledge of landscape work and accustomed to managing men; give full particulars and state salary expected. Address No. 49, care Florists' Review, Chicago.

HELP WANTED—A thoroughly up-to-date store man to take charge and manage one of the finest floral establishments in the west; must be an A1 designer and decorator and a first-class salesman; good salary and commission to right party. Address with references as to character and ability. No. 73, care Florists' Review, Chicago.

WANTED—Good sized aquarium in perfect order. Box 593, Troy, N. Y.

WANTED—Greenhouse man with at least 2 years' experience; must understand setting out; $50.00 a month the year around. Suburb of Chicago. Address No 76, care Florists' Review, Chicago.

WANTED—To rent, with the privilege of buying, a commercial place; must be in good condition; near market in Pennsylvania. Address with full particulars No. 60, care Florists' Review, Chicago.

FOR RENT—Greenhouse establishment in Philadelphia doing wholesale business; nine houses fully stocked with up-to-date varieties of roses and carnations; 15,000 sq. ft. glass. Address No. 71, care Florists' Review, Chicago.

FOR SALE OR RENT—Carnation greenhouses; good market, established business; land as needed for outdoor work and gardening if desired; reasonable rent or sale on easy terms. For particulars address C. T. Phelps, North Adams, Mass.

FOR SALE—3000 feet of glass; big money in it for the right man, but he must have some money; don't write unless you mean business. Address No. 62, care Florists' Review, Chicago.

FOR SALE—An attractive flower store in very good location; reasonable; buy now and prepare for Easter rush; good reason for selling. Address No. 85, care Florists' Review, Chicago.

FOR SALE—Heller seed case, good as new, 11 inches deep, 28 inches wide, 55 inches high; contains 57 metal drawers; price $15.00 crated; cost $30.00. H. F. Drury, Galesburg, Ill.

FOR SALE—McCray florist refrigerator, No. 675; length, 60 inches; depth, 31 inches; height, 74 inches; used four weeks last spring; change in store location put it out of business. Address R. D. Backus, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Beautiful Florida home, 2 miles from town, with nursery and grove business, well established, netting over $2000 last year, $1500 cash; and nursery trees for balance. Death in family makes change necessary. South Florida Nurseries, Dade City, Fla.

FOR SALE—Five new greenhouses, containing 20,000 square feet of glass, in operation one year; four hours from Pittsburg, Cleveland, Erie and Buffalo; good central location For particulars, write Henry F. Michell Co., Philadelphia, Pa.

FOR SALE—Greenhouse; 4000 feet of glass, 7-room residence, barn, three lots for summer work; city water and sewer connections; natural gas for fuel (no night fireman); cut flower trade in city of 1200. Address Iola Greenhouse, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Greenhouse, flower store, stock, fixtures; good trade, doing business of $8,000 to $9,000 per year; in first-class condition; can be bought at a reasonable price; good cause for selling. Address Otto Triebwasser, 1540-42 W. 27th St., Philadelphia, Pa.

FOR SALE—The Tipton Greenhouses; only greenhouse in county; county seat; appreciative people; two railroads; over 3000 feet of glass; new; well stocked; fine opening for good florist; best of reasons for selling. J. K. Shiffer, Tipton, Iowa.

FOR SALE—On Reading R. R., 20 miles from Philadelphia, 50 acres of ground, good stone house, barn, wagon house, 3 greenhouses 100x20 and 2 houses 100x12, heated with steam and fully stocked; slopes nicely to the south; water supply from well 200 feet deep with gasoline engine; the best rose soil in the vicinity of Philadelphia for Bride, Maid, Beauty or Richmond; railroad siding can be built on the place; 8 minutes from station; to any one wanting to build a plant where all conditions are favorable for the production of the best stock, this is the place; for particulars apply M. E. C., care S. S. Pennock-Meehan Co., 1608-18 Ludlow St., Philadelphia, Pa.

FOR SALE—Greenhouse plant, 8,000 sq. ft. glass in good condition, six room house and good barn; 9 miles from heart of city, 20 minutes' ride to city by railroads, 40 minutes' by street cars; only one florist in this locality which is building up very rapidly; population about 30,000. Address No. 81, care Florists' Review, Chicago.

FOR SALE—One horizontal boiler, 4x14, forty-eight 3-in. flues, 50 H. P.; one horizontal boiler, 3½x12; thirty-eight 3-in. flues, 35 H. P. Can guarantee 60-lb. pressure. For sale cheap, fuel fronts, water columns, safety valve; complete; write for price. John F. Horn & Bro., 20 North Sixth St, Allentown, Pa.

FOR SALE—22,000 square feet of glass, consisting of four houses 60 x 220, 100 x 28, 100 x 18, 100 x 10, and boiler house 16 x 20; water free with a gasoline pumping engine; houses are in good repair and well stocked; this place is 60 miles from Philadelphia, Pa., and 78 miles from New York City; there are 9½ acres of ground to the place; carnations are a specialty with a general line of other stock; situated in a city with 40 000 inhabitants, trade good and the store sells everything that is grown; reason for selling, the owners have other business interests; place can be bought for $7000, terms $3000 cash, balance to suit the purchaser. For further information address No. 55, care Florists' Review, Chicago.

Wanted, Landscape Gardener and Florist

to handle **Pure Kentucky Lawn Grass Mixture** and Kentucky Blue Grass Seed direct from the blue grass state. Big profits. Write now.

THE COVINGTON SEED CO., Covington, Ky.

For Sale Greenhouse plant, consisting of 7 houses, 17,000 feet glass, heated by hot water system, in good condition; built three years. Same is stocked with carnations, some callas and geraniums. Two and one-quarter acres of ground, with nice modern residence, 6 rooms and bath. 12 miles from city limits of St. Louis, Mo. Reason for selling, other business will require my attention in spring. **Address No. 43, care Florists' Review, Chicago.**

FOR SALE

Greenhouse plant of 25,000 feet of glass; an up-to-date place, heated by steam and cheap fuel; the houses are in good condition, well stocked with everything for wholesale and retail trade; also Flower and Seed Store with fixtures, seven-room house and eight acres of land; if desired, will sell half interest or lease the plant for term of years. This is an excellent opportunity and is worth investigating. Address No. 48, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE
Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

FOR SALE

A well established manufacturing business in the Florists' Rustic Supply Line; must leave for Europe in the Spring. A good opportunity for the right party. Will stay with buyer for some time.

Address No. 79,
Care Florists' Review, Chicago.

WANTED

A First-class Designer and Decorator, must be sober, honest and industrious, and well up in the business. Please state former position; also references and salary expected.

FRED C. WEBER
4326 Olive St. ST. LOUIS, MO.

FOR SALE, On Account of Death.

FLORIST BUSINESS, RICHMOND, VA.
Long Established.

Consisting of five greenhouses, three 100 x 16 feet each, and two 50 x 10 feet each. Thoroughly heated by hot water system. Windmill and abundance of good water. A good, fair stock on hand. The property consists of almost an entire block in the suburbs of Richmond, Va., with a nice modern frame residence of seven rooms, stable, etc. Electric railroad line runs in front of the property. Free delivery of mail twice daily. An excellent remunerative trade, and annually increasing. Address,

J. THOMPSON BROWN & CO.
1113 E. Main Street, RICHMOND, VA.

For Sale

ONE OF THE BEST
NURSERY, FLORIST and WHOLESALE
BULB GROWING ESTABLISHMENTS ON LONG ISLAND.

About 15,000 feet of glass, newly built the most convenient and economical way; 7 to 8 acres of the best selling herbaceous plants in the country with good wholesale trade; 16 acres in fine nursery stock, the kinds the market calls for now; 35 acres or more just to suit, with the best of soil for nursery and greenhouse purposes; the best of all kinds of buildings, wagons and horses on the place; 9 miles from Greater New York and 1 mile from proposed Motor Parkway. Address

No. 75, care Florists' Review, Chicago.

FOR SALE.

A greenhouse business with established trade, mostly wholesale, situated near Albany, N. Y. Contains 9000 ft. glass (3000 ft. now in course of erection) with good stock of mums, sweet peas, smilax, lilies, etc. Excellent shipping facilities, and in hands of one who knows his business will prove a gilt-edge investment.

Entire plant built within last three years and in very best condition now. Steam heat, city water, electric lights and all improvements; 100-ton capacity coal house with season's supply on hand.

Examine for yourself and be convinced there is no fake in this proposition, for it is first-class and will be sold at a price and on terms which will be satisfactory. The owner in carrying out other plans cannot successfully continue the florists' business. Address

No. 10, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.

J. J. Tillery Co.

SEATTLE, WASH.

Growers of

PUGET SOUND

CABBAGE SEED

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Seed Growers for the Trade

BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon

Squash, Watermelon, Sweet Corn

We are now booking orders for 1907 fall delivery. Send for contract prices; also surplus list.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety.

Maine seed potatoes, onion sets, etc. Correspondence solicited.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street.

The Cleveland Seed Co.

AVON, N. Y.

Growers of..... FANCY PEAS AND BEANS

for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop

Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.

Mention The Review when you write.

D. V. BURRELL, Grower of

Special Strains of Melons and Cucumbers

Three of my specialties are the Burrell Gem Cantaloupe. Burrell's Thoroughbred Rocky Ford Cantaloupe and Burrell's Klondike Cucumber. Contract orders solicited.

Address, D. V. BURRELL, A 11, Rocky Ford, Colo.

Mention The Review when you write.

CONNECTICUT CORN.

Onion, Beet, Carrot, Turnip, Parsnip.

The Everett B. Clark Company

MILFORD, CONN.

East Jordan, Mich. Sister Bay, Wis.

We are now writing growing contracts for PEAS AND BEANS which we grow in both Michigan and Wisconsin.

Mention The Review when you write.

C. C. MORSE & CO.

Seed Growers

171-173 Clay St., SAN FRANCISCO, CAL.

Onion, Lettuce, Sweet Peas and other California Specialties

SEEDS WHICH SUCCEED

THIS MEANS THAT LANDRETH'S SEEDS GROW AND ARE GOOD

ADDRESS: BRISTOL, PA

Mention The Review when you write.

PACIFIC SEED GROWERS' CO.

109 MARKET STREET

SAN FRANCISCO, CAL.

Specialties:

Onion, Carrot, Lettuce, Sweet Peas

Mention The Review when you write.

LEONARD SEED CO.

Growers and Wholesalers of Superior Garden Seeds

Seedsmen and Florists Supplied at the shortest notice and at right prices.
Our Catalogues are now ready and are mailed upon request.

Flower Seeds—Onion Sets 79 East Kinzie St., 145 W. Randolph St., CHICAGO

Mention The Review when you write.

LAWN GRASS SEED in Bulk and Packages

Dickinsons, Evergreen, and Pine Tree Brands

SPECIAL MIXTURES SEED FOR GOLF GROUNDS

MINNEAPOLIS THE ALBERT DICKINSON CO. CHICAGO

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 16th annual meeting will be held at New York City, June, 1907.

THE jobbing and wholesale trade is brisk.

VISITED SAN FRANCISCO:—Adam Currie, Jr., of Currie Bros. Co., Milwaukee.

THE market garden trade in the middle west has felt the impetus of a week of fine, springlike weather.

THERE is an inclination at Chicago to branch out and increase the onion set industry the coming season.

WHILE Montgomery Ward & Co. are trying to win a point against the ruling of the post-office, the catalogue is lying idle for weeks at the season when it should be getting in its best work.

THE C. C. Pollworth Co., Milwaukee, issues a handsomely printed and illustrated bulb book for the trade, with blanks for the insertion of the price of each article in accordance with each customer's buying capacity. They used the same method last year and say the

TO THE TRADE...

Just issued—our special price list giving our position on onion seed.

We shall send this to the Trade, being unable to make the personal visit contemplated. Please write for it.

A. J. Pieters Seed Co.

HOLLISTER, CAL.

Mention The Review when you write.

CHAUNCEY P. COY & SON

Established 1878. WATERLOO, NEB.

VINE SEEDS

AND SEED CORN

Wholesale Growers for the Seed Trade
Write for 1907 Contract Offers

Mention The Review when you write.

ALFRED J. BROWN SEED CO.

Growers of

Garden Peas and Beans

For the Wholesale Trade

GRAND RAPIDS, : : MICH.

Mention The Review when you write.

DREER'S
Reliable Flower Seeds

NEW ORCHID-FLOWERED SWEET PEAS.

These are a distinct "break" in Sweet Peas, differing from the standard sorts by the extraordinary size of their flowers, usually measuring 2 inches across, and by the standards being crinkled and wavy, while the wings are large and spreading. Another splendid feature is that a very large percentage bear four blossoms to the stem, which are long and strong.

COUNTESS SPENCER. A lovely clear pink, shading darker at the edges. 10c per oz.; 25c per ¼-lb.; 75c per lb.

E. J. CASTLE. Rich carmine-rose, shaded with salmon, very striking, especially under artificial light. 17c per pkt., 5 pkts., 75c.

FRANK DOLBY. The largest and finest pale lavender-blue. 17c per pkt.; 5 pkts., 75c.

GLADYS UNWIN. Charming shade of pale rose-pink; extra long stems and very valuable for cutting. 10c per oz.; 25c per ¼-lb.; 75c per lb.

HELEN LEWIS. (Orange Countess.) Brilliant orange-rose. 25c per oz.

HELEN PIERCE. This is the new gloxinia-flowered Sweet Pea, being marbled blue on a white ground, with the veins showing a little deeper, exactly like a mottled Gloxinia. 15c per oz.; 50c per ¼-lb.

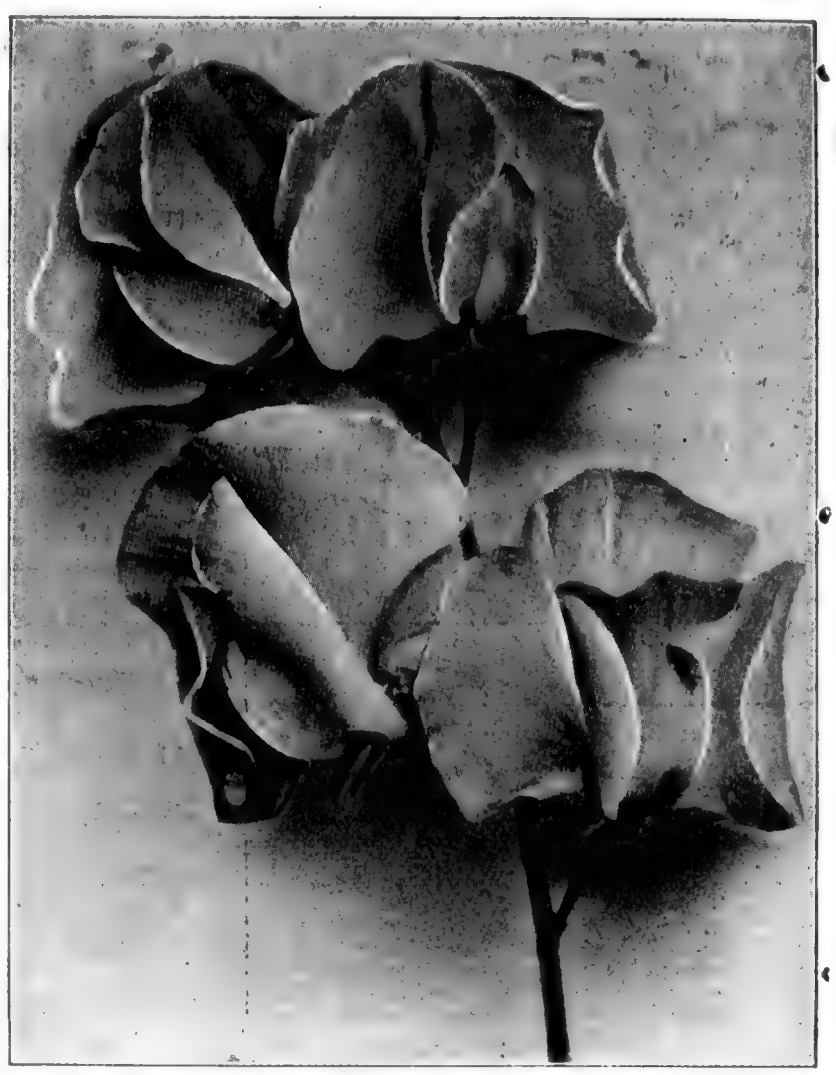
JOHN INGMAN. Rich salmon-rose. 15c per oz.; 50c per ¼-lb.

MRS. ALFRED WATKINS. A superb pale pink, similar in shade to the old Princess Beatrice. 17c per pkt.; 5 pkts., 75c.

NORA UNWIN. The finest white now in existence. 17c per pkt.; 5 pkts., 75c.

PHYLLIS UNWIN. A veritable giant among Sweet Peas; color a deep rose-carmine. 15c per oz.; 50c per ¼-lb.

For list of Standard Sweet Peas see our Wholesale Price List. Free on application to Florists.



ORCHID-FLOWERED SWEET PEA, GLADYS UNWIN.

HENRY A. DREER, -- PHILADELPHIA, PA.

Mention The Review when you write.

results amply compensated for the clerical work required.

AN exceptional number of inquiries for onion sets are reported at Chicago.

C. L. ALLEN, the Long Island cabbage seed grower, is represented on the road by a grandson, who is now calling on the trade in the west.

VISITED LAWRENCE, KAN.:—Chas. P. Braslan, San Jose, Cal., enroute home from his annual trip east; T. Geerie, representing Leonard Seed Co., Chicago.

SOME of the early catalogues that were minus their usual covers because of the lithographers' strike, are making a reappearance bedecked in all the hues of the rainbow.

A. J. PIETERS, of the A. J. Pieters Seed Co., Hollister, Cal., finds himself, because of the unusual season, unable to make the contemplated trip among the trade in the east.

THE Johnson & Musser Seed Co., Los Angeles, Cal., says that in the last five months of 1906 it sold to local gardeners more than 12,000 pounds of Holland grown spinach seed.

THE onion seed situation is unchanged. The demand for the Globe varieties is not so brisk as might have been expected, owing, probably, to the depression in the market for onion bulbs.

THE H. E. Fisk Seed Co., Boston, devotes twenty pages of its first general seed catalogue to plants and tubers, with several pages devoted to roses and a quite complete line of nursery stock.

THE mail trade from the south has been heavy for some weeks and difficulty has been experienced in filling orders, owing to the unusually late deliveries of many articles. Fine weather throughout the central states, for a week or more, has put seasonable life into the general mail trade and the rush soon will be on.

E. D. DARLINGTON, superintendent of Fordhook farm, the trial ground of W. Atlee Burpee & Co., Philadelphia, has an interesting illustrated article on sweet peas in the Garden Magazine for March.

ALBAUGH BROS., Dover & Co., general mail order house at 341 Franklin street, Chicago, are this season handling seeds, having issued a neat special catalogue, which they say is bringing them good returns to this date.

THE Livingston Seed Co., Columbus, O., which has to its credit the introduction of more tomatoes now standard than have been brought out by any other house, have another tomato novelty for 1907, Livingston's Hummer, described as especially desirable for canners, when the crop must be produced in a short time. It is bright scarlet, round, smooth and has less indenture about the stem end than any other variety.

MANY seed stores keep registers of gardeners seeking employment and make a practice of supplying their patrons with skilled help of this character, but so far as known Joseph Breck & Sons, Boston, is the only seed firm also conducting a general employment bureau. It has been in successful operation since 1890. The firm has, since 1905, also

FRESH IMPORTATION Mushroom Spawn

Absolutely Reliable—Used by the Most Critical Growers

English Milltrack, 10 lbs., 75c; 25 lbs., $1.50; 100 lbs., $6.00; 1000 lbs., $55.00.
Pure Culture, per 10 bricks, $1.50; 25 bricks, $3.50; 50 bricks, $6.50; 100 bricks, $12.00. Write for quotations on large lots. Cultural directions sent with every order.



HIGH-GRADE LILY OF THE VALLEY PIPS

NONE BETTER OFFERED TO THE TRADE

Selected Hamburg for Forcing, per 100, $1.25; per 1000, $11.00; per case 2500 pips, $25.00.
Selected Berlin, Unsurpassed Quality, per 100, $1.50; per 1000, $14.00; per case 2000 pips. $27.00.
New Crop Asparagus Plumosus Nanus, (northern greenhouse-grown), selected seed, per 100 seeds, 50c; per 1000 seeds, $3.50; per 5000 seeds, $16.00.
Asparagus Sprengeri, per 250 seeds, 25c; per 1000 seeds, 75c; per 5000 seeds, $3.00. See our Begonia and Gloxinia offer in last issue.

JOHNSON SEED COMPANY, 217 MARKET ST., PHILADELPHIA, PA.

Herbert Johnson, of the late firm of Johnson & Stokes, President.
Mention The Review when you write.

Seed Travelers Wanted

We want two travelers not over 35 years of age who can show undoubted proof as successful seed salesmen. Only those apply who have experience, energy and can give first-class references.

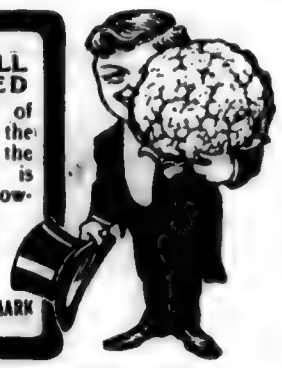
NORTHRUP, KING & CO., Minneapolis, Minn.

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

CAULIFLOWER SEED
CABBAGE

HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN
Mention The Review when you write.

Danish Seed
CAULIFLOWER Snowball and Haage's Extra Early Erfurter Dwarf.
CABBAGE, White Amager (Stonehead).
Write direct to the grower.
CHRIS. OLSEN, Seed Grower Odense, Denmark

Mention The Review when you write.

conducted a general real estate agency growing out of the inquiries from customers who wished to purchase or sell suburban homes, farms, etc.

The John A. Salzer Seed Co., La Crosse, Wis., is reported to be arguing with its printer as to responsibility for a catalogue not up to expectations. A second edition was issued on better paper than that used in the first lot.

The new officers of the Texas Truck Growers' Association, which has just held a successful convention at Jacksonville, are: President, Sam H. Dixon, Houston; vice-president, H. B. McWilliams, Marshall; secretary, J. B. Power, Nacogdoches; executive committee, H. Lockwood, Rockdale; C. H. Felt, Manton; J. F. Ash, Athens; Wesley Love, Jacksonville; John F. Nash, Palestine; S. J. Veihalen, Marshall; J. W. Melton, Troupe. They are good names for a catalogue mailing list.

IMPORTS.

The imports of seeds through the port of New York for the week ending February 2 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Fenugreek.	250	$ 1,400	Grass	100	$3,604
Anise	441	3,799	Hemp	400	1,962
Caraway	350	2,160	Lycopodium	10	1,080
Cardamom.	137	3,730	Mustard	150	1,667
Castor	2,551	13,602	Rape	316	1,469
Clover	500	12,464	Other		4,356
Coriander.	400	1,221			

In the same period the imports of trees and plants were valued at $2,681.

HOLLAND BULB REPORT.

The beginning of the new year was as mild as if we were getting into summer instead of in the middle of the winter, but those who made the mistake to let themselves be fooled by this weather had every reason to be sorry by the middle of the month. At that time a sudden change from rain into 12 degrees of frost, with a killing east wind that did not fail to penetrate into the deepest corners of every protected part of the grounds, caused no little fright among the growers who had already

LILY OF THE VALLEY
Extra fine pips from Cold Storage for shipment any time desired.
Japanese and Bermuda Lily Bulbs,
Araucarias, Azaleas, Bay Trees
Palms, Peonies, Rhododendrons,
Roses, Boxwood, Evergreens, etc.
RAFFIA RAFFIA
For prices and catalogues please apply to
H. Frank Darrow, Importer
26 Barclay St., P. O. Box 1250, New York
Mention The Review when you write.

DAMMANN & CO.
Seed and Bulb Growers and Merchants
San Giovanni a Teduccio, near Naples, Italy
Established 1877
By Appointment to H. M. the King of Italy
—HEADQUARTERS FOR—
Cauliflower and Tripoli Onion Seed
(Including Crystal Wax and Bermuda)
And for all other Vegetable Seeds of Unrivaled Quality.
All Flower Seeds grown on an enormous scale
Ask for Our Wholesale Catalogue.
Mention The Review when you write.

LARGEST STOCK OF ALL
BELGIAN PLANTS!
Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.
LOUIS VAN HOUTTE PERE
GHENT, Belgium.
Mention The Review when you write.

DOG BRIAR
3 to 5 mm., each 1000, 5 marks.
5 to 8 mm., each 1000, 12 marks.
Splendid Plants. Cheap Prices.
Also LILY OF THE VALLEY PIPS for fall shipment, 1907.
JULIUS HANSEN, Pinneberg, Germany
Mention The Review when you write.

partially uncovered their fields. However, it is not likely that any harm has been done, as very probably the soaked grounds closed up into one mass of ice and prevented the frost from getting any deeper. As, however, next day saw us in over 20 degrees of frost, with increasing wind that chilled even men to the very bones, the alarm became general but nothing could be done and we can only now await the results, which will be fully reported upon as soon as the cold breaks and conditions have developed.

TEXAS PLANTERS ORGANIZE.

At a meeting held at the Waco Cotton Laboratory of the United States Department of Agriculture, the Texas Seed Growers' Association was organized with thirty charter members. The purposes of the association are to encourage the improvement of seed of the fields, gardens and orchards; to seek improvement of all products of Texas soil, and to provide safeguards to the purchasers of home grown seeds. The following are the officers: President, T. V. Munson, Denison; vice-president, A. D. Mebane, Lockhart; secretary and treasurer, D. A. Sanders, Waco; directors with the above, A. M. Ferguson and E. S. Peters. The convention adopted resolutions favoring increase of state appropriations for the Agricultural and Mechanical College.

The meeting will be with that of the Texas Farmers' Congress.

MRS. H. BURNETT
New Salmon-Pink Carnation for 1907
A Seedling from Mrs. Lawson and an English variety. Awarded two first-class certificates and an Award of Merit. A lovely warm salmon-pink flower. Petals of good shape and substance. Calyx perfect. Delightful clove fragrance. 2½ to 3½ inches in diameter according to season. Stems 18 to 36 inches. A rapid and easy grower. Very productive. Many shades deeper than Enchantress and keeps its color better. Keeps for a long time after being cut and travels splendidly. Just the shade that everybody wants and one not yet produced in America. Price, £5 per 100. established in 2-inch pots.
H. BURNETT
St. Margarets, GUERNSEY, ENGLAND
Mention The Review when you write.



Some of our Conifers.
H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.
Mention The Review when you write.

HOLLAND BULBS
K. Velthuys, Hillegom, Holland
Ask for our wholesale trade list for Holland Bulbs.
Mention The Review when you write.

H. B. MAY & SONS
FERN SPECIALISTS
The finest collection of Ferns in Europe.
Lists on application.
Upper Edmonton, England
Mention The Review when you write.

THE CANNERS' CONVENTION.

The canners' convention, opening at Buffalo, February 12 and continuing through the week, was the largest in the history of this rapidly growing industry. Buffalo as a convention city cannot be improved upon, but its many large and up-to-date hotels were filled to overflowing by the canners and representatives of the trades allied to the packing industry. More than 2,000 persons were present.

The several canners' associations held daily sessions in the assembly room at the Iroquois hotel. The trade exhibit was located in the old Sixty-fifth Regi-

The New Perpetual Flowering Carnation BRITANNIA

The most profitable carnation in cultivation, and one that **never splits.** Color, clear scarlet; blooms of good size on long, stiff stems. Strong plants, £5 per 100. Cash with order. Please remit by International Postoffice Order.

A. Smith, The Nursery, Enfield Highway, Middlesex, England

Mention The Review when you write.

Established 1880. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND

Seed Grower and Merchant

NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

ment armory and it was here that the principal activity of the week was found. The canning business, as with every other large industry, is closely related with other lines. The makers of tin cans, lithographed labels and many other specialties were largely represented. The canners are large buyers of certain lines of seeds. They use thousands of bushels of sweet corn, peas and beans and thousands of pounds of such smaller seeds as tomatoes, pumpkins, squash, beets, spinach, etc. The result was the attendance of a large number of seedsmen, some firms having as many as four salesmen present hustling for orders, which were booked in greater number and for heavier amounts than usual, so that the seed trade is well satisfied with the 1907 canners' convention.

Among the firms represented were: W. W. Barnard Co. and Leonard Seed Co., Chicago; D. M. Ferry & Co., Detroit, Mich.; Everett B. Clark Co., Milford, Conn.; Jerome B. Rice Seed Co., Cambridge, N. Y.; S. D. Woodruff & Co., Orange, Conn.; W. H. Grenell, Saginaw, Mich.; Pacific Seed Growers Co., San Francisco, Cal.; Bromfield, Colvin, Ries Co., Bay City, Mich.; Sioux City Seed & Nursery Co., Sioux City, Ia.; N. B. Keeney & Son, Leroy, N. Y.; Rogers Bros., Chaumont, N. Y.; Cleveland Seed Co., Avon, N. Y., and Coryell Seed Co.

The Jerome B. Rice Seed Co. made a nice display of peas and beans, also onion seed, and booked its usual amount of business. The Leonard Seed Co., Chicago, made a larger display than usual, of canners' specialties, mainly standard varieties of tomatoes, beans and peas, and report good bookings of orders. D. M. Ferry & Co. had a handsomely decorated booth, using photographs, seed packets and lithographed labels.

Phinney's string bean snipper attracted its share of attention. This is something new and these enterprising people had green string beans shipped from Cuba and gave a practical demonstration of its working, after which the beans were passed along to other exhibitors of process machinery, who cooked and put them into cans, these canned beans were handed out as souvenirs. Corn husking machines attracted much attention. This is something which has been worked on for years with only partial success. One husking machine in particular was shown which was not complicated and seemed to do fine work, stripping the ear clean of its husk and silk.

The seedsmen had no interest in the proceedings of the convention, as no topics relating to seeds were discussed. The most interesting feature to the canner was the opportunity presented of getting exact information on the requirements of the new pure food law, about which all the packers seem to be more or less in doubt. The machinery and supply dealers, who were, of course, strongly represented, gave a reception on Wednesday evening, and the American Can Co. leased the Lyric theater for one evening and gave a theater party for the entire convention.

C. W. S.

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. Pot Roots Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.

LONDON DEPOT, 17, Broad Street Place, E. C.

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PHLOX CANADENSIS=Perry's Variety

A grand improvement upon the type, color unique, resembling Plumbago Capensis, large flowers, larger heads, petals not out, in bloom 3 months. Grand for forcing. $8.00 per 100 Catalogues free. Received Award of Merit R. H. S. and R. B. S.

PERRY'S HARDY PLANT FARM, ENFIELD, ENGLAND

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for Hardy Perennials, among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 3 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

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CATALOGUES RECEIVED.

J. T. Lovett, Little Silver, N. J., hardy plants; George H. Walker, North Dighton, Mass., dahlias; Spruyt & Co., Utrecht, Netherlands, seed price list; Livingston Seed Co., Columbus, O., catalogue of seeds and plants, also wholesale price list of seeds; Griswold Seed Co., Lincoln, Neb., general seed catalogue; Storrs & Harrison Co., Painesville, O., seeds and plants; Nathan Smith & Son, Adrian, Mich.,

Aster Seed

Our descriptive price list of High-Grade Aster Seed is now ready and will be sent free on application. Try our new varieties, Cardinal, Sunset and Rosy Carmine Branching—they are winners. Price per packet, 25 cents; two packets for 40 cents.

Pointers on how to grow Asters successfully sent free with every order.

VICK & HILL CO.

P. O. Box 613. ROCHESTER, N. Y.

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price list of plants; William C. Beckert, Allegheny, Pa., general seed catalogue; H. E. Fiske Seed Co., general catalogue; C. C. Pollworth Co., Milwaukee, Wis., bulbs; C. Keur & Sons, Hillegom, near Haarlem, Holland, bulbs and plants; Frederick W. Kelsey, New York, trees and shrubs.

THE MODERN GLADIOLUS.

Because of its adaptability to almost any soil and climate, the gladiolus is deservingly a favorite with all classes of gardeners. Its merit as a cut flower and value as an ornament to the garden are notable. If the spike is cut and placed in water as soon as the first bloom appears, every bud will open fully and last for four to ten days, according to the temperature. By making successive plantings about two weeks apart beginning as soon as the ground is thoroughly settled in the spring, one may secure continuous blossoms from early June until frost comes.

Although the gladiolus will stand much neglect and yield good results, if proper care is taken it will give results in proportion. Stable manure should be applied to the gladiolus bed in the autumn, and the bed should be well spaded and respaded in the spring. Bulbs should be planted from three to four inches deep, according to their size, and should be planted in rows twelve to eighteen inches apart, three to four inches apart in the row, for cutting purposes. Planted in mass for garden show they should be from four to six inches in either direction. Staking is sometimes necessary, especially where high winds prevail, but in most cases if staking is found necessary, says the National Council of Horticulture, it may be attributed to too shallow planting of the bulbs.

TEMPERATURE FOR GLADIOLI.

I have a few thousand Gladiolus nanus (Blushing Bride and Peach Blossom) planted in flats in a greenhouse. The leaves are now about twelve inches long and are beginning to turn brown and dry up at the tips, after which the whole leaf soon dies. The bulbs of these are found to be soft and decayed, though they have roots several inches in length. They have been watered twice with liquid manure. The flats have good drainage. The temperature of the house is 65 to 70 degrees. In some flats every plant is affected. Please tell me what is the cause of this and what to do for them. C. H. K.

Too much heat is unquestionably the cause of the dying referred to. Gladiolus nanus is impatient of forcing. The bulbs, after being placed in flats, should be started in a cold pit, or house just clear of freezing, and left there until the boxes are well matted with roots. They should never be subjected to a higher winter temperature than 50 degrees at night or failure is certain. These flowers cannot be forced as are narcissi, tulips and other bulbs.

We have several thousands of these which were planted in flats four inches deep December 5. They are now about three inches high, with the flats full of roots. They will not be introduced into heat for some time yet. We find they are far better when flowered from the last of April to the beginning of June than when an effort is made to force them earlier.

We are afraid it is too late to save any of your bulbs and can only ascribe your failure to forcing them too warm. Grown for Memorial day trade, there is no other bulbous plant to equal them, and to bloom them at that date they need no fire heat at any stage of their growth. C. W.

SUMMER FLOWERING BULBS

My New Begonias and Gloxinias are in stock and are as fine as any I have ever seen.

LARGE FLOWERING BEGONIAS—Tuberous Rooted

SINGLE (1¼-1½-in. bulbs)	Doz.	100	1000	DOUBLE (1¼-1½-in. bulbs)	Doz.	100	1000
Scarlet	$0.35	$2.50	$23.00	Scarlet	$0.60	$4.25	$38.00
Crimson	.35	2.50	23.00	Crimson	.60	4.25	38.00
White	.35	2.50	23.00	White	.60	4.25	38.00
Rose	.35	2.50	23.00	Rose	.60	4.25	38.00
Yellow	.35	2.50	23.00	Yellow	.60	4.25	38.00
Mixed	.30	2.25	22.00	Mixed	.50	4.00	35.00

GLOXINIAS, Giant-Flowering—Fine large Bulbs, strong and well matured, Blue, Red, White, Red with White Border, Spotted and Tigered, per doz., 50c; per 100, $3.50.
Mixed sorts, fine, per doz., 45c; per 100, $3.25.

FORCING VEGETABLE SEEDS—Special Strains for Greenhouse Culture. Cucumber, Cauliflower, Lettuce, Radish, Tomato. Write me your wants.

MUSHROOM SPAWN—Frequent importations from England. Per 100 lbs., $6.00; per 1000 lbs., $55.00.

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219 Market Street, PHILADELPHIA, PA.

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The BEST VALLEY Pips in America

Western Headquarters for Early Forcing Pips

Selected Pips, $1.75 per 100; $14.00 per 1000.

This is the very best stock for early forcing. They have been selected with the greatest care and there is nothing better coming to this country. We also offer a very good grade of Forcing Pips at $1.50 per 100; $12.00 per 1000.

Return at our expense if not satisfactory on arrival. We ship all over the U. S., and supply all the year around.

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Bridgeman's Seed Warehouse

Established 1824. RICKARDS BROS., Props.

Importers and growers of high grade

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37 East 19th St., NEW YORK CITY

Telephone 4235 Gramercy.

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Sow Now The True Thing

Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.

Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.

Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.

Begonia, Zangen's new Bedding Queen, a real Daybreak pink, compact, ball-shaped, wax Begonia with lively green foliage, unexcelled for pots and out doors. 6 tr. pkts., $2.50; tr. pkt., 50c.

Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.

Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.

Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.

Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.

Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.

For larger quantities special quotations, also ask for my Wholesale Catalogue.

O. V. ZANGEN, Seedsman, HOBOKEN, N. J.

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FOR NORTHERN TRADE.

[A paper by B. M. Wichers, Gretna, La., read before the Society of Southern Florists, at the New Orleans Convention, February 14 to 16, 1907.]

I promised to write a paper on "What a Southern Florist Can Produce for the Northern Trade." This embraces a large field and I think myself hardly able to cover it. As there is such a large variety to take up, I will divide it into five classes, as follows: Ferns,

THE WORLD'S GREATEST ASTER
Miss Kate Lock
Colors—White, Enchantress Pink. $1.00 per trade pkt. No checks. Instructions, "How to Grow Asters," with every order. Not guaranteed unless bearing my signature.
J. H. LOCK, Aster Specialist, 41 MANCHESTER AVE., TORONTO, ONT.

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NEW STOCKS
Flower Seeds for Florists
WHOLESALE CATALOGUE READY
Send for it today. But first read our advertisement on page 733 in the FLORISTS' REVIEW for January 24th, 1907. It is worth reading.
James Vick's Sons
Seedsmen ROCHESTER, N. Y.

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W. & D. SPECIALTIES for FORCING
Mignonette "New York Market." Sweet Peas, "True," Christmas Flowering (pink and white). Tomato, "The Don," "Stirling Castle." Mushroom Spawn, "English" and "Pure Culture." Send for 1907 catalogue.
Weeber & Don, Seed Merchants and Growers, 114 Chambers St., NEW YORK

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palms, aquatics, bulbs and roots, and foliage and flowering plants.

Ferns.

Ferns are my specialty and so I will make a few remarks on them first. The nephrolepis, in all the old and new varieties, are the most profitable for the southern florist to grow. My attention was first called to them some twenty-five years ago when I lived in south Florida where there were hundreds of acres of the N. exaltata growing wild. I started advertising and sold thousands of them all over the United States and Canada.

In 1898 I returned to Louisiana and saw that little effort was made here to supply the north with ferns. I at once made this my specialty. Little artificial heat is needed here to grow them. I generally begin the first part of April to move the plants outdoors, either in pots or plant them in the open field without any protection from the sun; but close watch has to be kept over them all summer to keep them well watered. The varieties I grow in the full sun are: N. exaltata, N. compacta, N. tuberosa; N. Bostoniensis, N. Piersoni, N. elegantissima, N. Barrowsii, N. Whitmani, N. Wittboldi, and N. Washingtoniensis.

N. Scottii and N. davallioides and all adiantums and other ferns need slight protection from the sun. A lattice shade giving one-quarter shade and three-quarters sun will make a good protection. By the middle of November they all should be in the house, as about that time we generally have a light frost. Plants growing this way will be full and stocky, and far superior to the northern grown, greenhouse stock, either as plants for decorating or for cutting.

Last summer I kept a record on a batch of N. Whitmani and they averaged forty runners to a plant in six months. I have shipped them by freight and had them three weeks on the road and they arrived in perfect condition.

Florists' Flower Seeds New Crop of the Finest Quality
Now Ready Tuberous Rooted Begonias

Giant Flowered	Per doz.	Per 100	Per 1000
Single in separate colors	40c	$2.50	$22.50
Double in separate colors	65c	4.00	34.00

GLOXINIAS Finest sorts in separate colors, 50c per doz.; $4.00 per 100; $35.00 per 1000. Send for trade price list.
CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

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GLADIOLI
Beautifully illustrated catalog, colored plate, etc., describing Groff's Hybrids, Named Novelties of rare beauty, Mixtures and Collections to color and Fine Mixtures of all colors.
Write for it. Arthur Cowee, GLADIOLUS SPECIALIST, MEADOWVALE FARM, Berlin, N. Y.

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Here's a Bargain for Decoration Day
COLUMBIA FARM LONGIFLORUM BULBS
From cold storage, 5-7, 400 to the case, $8.00 per case.
Arthur T. Boddington, 342 West 14th St., New York

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We made this halftone from a
WASH DRAWING
one of many we made for 1907
Seed Catalogues
Our artists are the best in the United States on flower and vegetable drawing.
Try our work on some of your special lists and you will give us all your order for the 1908 general catalogue.
We make a specialty of
CUTS FOR SEEESMEN
All processes. Quick work if necessary. Satisfaction guaranteed. Special prices on orders placed now for cuts for 1908 catalogues.
NO STOCK CUTS
CRESCENT ENGRAVING CO.
341-347 Clark St., CHICAGO

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Thorburn's Seeds
OUR WHOLESALE CATALOGUE
for florists and market gardeners is NOW READY and will be sent free to all who ask for it.
NEW CROP
Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. Compare our prices before ordering elsewhere.
Cold storage Lily of the Valley Pips, best possible grade, 1000 in case, $12 per 1000.
J. M. THORBURN & CO.
33 Barclay St., through to 38 Park Place, NEW YORK.

Mention The Review when you write.

Palms.

The palm is our next plant of great importance. All varieties can be more cheaply produced here than in any other state. Some varieties can be kept the entire year outdoors, while others need a little protection by coldframe, and only few varieties need a greenhouse for three or four months in the year. In the summer most varieties need a lattice shade to protect them against the hot sun.

Bulbs and Roots.

The bulb and root industry is very inviting for the southern florist. I will only mention a few which are well

Rhinebeck Violets, Fancy Roses and Carnations
PITTSBURG CUT FLOWER CO., Ltd.
222 Oliver Avenue, PITTSBURG, PA.
Mention The Review when you write.

J. B. MURDOCH & CO.
545 Liberty Ave., Pittsburg, Pa.
Western Pennsylvania Headquarters for Fancy American Beauties, Roses and Novelties in Carnations
Mention The Review when you write.

adapted to one or another of the southern states.

All amaryllis and crinums, hedychiums, curcumas, alpinias, phryniums, cooperias, zephyranthes, pancratiums, White Roman hyacinths, narcissi, tuberosas, fancy and other caladiums and alocasias and many other bulbs grow here to perfection.

Aquatics.

Next in order are the aquatics. All tender and hardy water lilies can be grown here the year around outdoors, with the least attention. If I could sell, for instance, all the tender water lilies I could produce at $4 per hundred, I would grow nothing else.

Some Comparisons.

To close, I will make a few remarks on plants in general. Many a good plant you don't see catalogued because it costs too much to keep a sufficient number of stock plants to propagate from in the north. In the south it is different. The florists have no trouble to winter over a lot of stock plants and can make cuttings the entire year, and the plants here are often far superior to the northern product. For instance: A. Clerodendron Balfouri rooted in the south from a hard-wood cutting will produce large bunches of flowers in a 2-inch pot, where a plant from a soft cutting growing in the north will not produce a flower under ordinary circumstances for two years.

There are also some plants that are not grown in this country at all and could be produced in some of the southern states, as the Laurus nobilis, the acacia and others.

In conclusion I will say that ninety-nine per cent of all plants grown in the north, the south should produce.

THE DEATH ROLL.

Mrs. Mary Somers.

Mary Somers, wife of Harry C. Somers, a well-known grower, of Chain Bridge road, Washington, D. C., died at her home, Monday, February 11, after a long illness. Mrs. Somers was the only daughter of Solomon Davis, who for a number of years has been successfully engaged in growing violets and miscellaneous plants. Deceased was 60 years of age and is survived by her husband and one son. J. L. C.

Jonathan Aucock.

Jonathan Aucock, an old and esteemed resident of Utica, died February 15. He had suffered from heart trouble for five weeks, although not confined to the house.

Jonathan Aucock was born at Snaith, Yorkshire, England, May 13, 1828. He received a good education and then was apprenticed to a gardener. He came to this country in 1850 and for one year worked at Hunter's Island, Westchester County. Next he went to Annandale, Dutchess County, and entered the employ of John Bard. Mr. Bard was a man of large means who had a splendid country seat on the North river, where he lived a retired life. Mr. Aucock had charge of his farm and garden for ten years. In 1867 Mr. Aucock came to Utica and bought a farm of eighteen acres on the Champlin road, Whitesboro. Here he established a vegetable garden, which he conducted quite successfully for many years. In 1876 he bought the property at 610 Whitesboro street, where he established a greenhouse. Later he established another greenhouse on Columbia street, just back of St. Luke's Hospital, which he conducted for ten years, until 1892. Then he removed his greenhouse to the side of his residence on Whitesboro street and here he conducted it very successfully until twelve years ago. Since then he has lived on Steuben street. He thoroughly understood his business and his greenhouses were models of neatness. He leaves a widow and four children.

J. C. Good.

J. C. Good, Tiffin, O., died January 29, aged 57 years. The business will be continued by Mrs. Good as executrix.

DAHLIAS
Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made now or early spring.
DAVID HERBERT & SON
Successors to L. K. Peacock, Inc. ATCO, N. J.
Mention The Review when you write.


Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
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Aster Seed
Vick's Branching, late White Aster, $1.00 per oz.; $12.00 per lb. The above seed is from carefully selected stock and should give good satisfaction.
WHITE BROS., Gasport, N. Y.
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GLADIOLI
Write for trade price list of named varieties, assorted colors and fine mixtures.
E. E. STEWART, Rives Junction, Mich.
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SHAMROCK
IRISH. THE REAL THING! GREEN
Strong and fine plants. Better order early.
$4.00 per 100; or 60c per doz., by mail.
..XXX SEEDS..
Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Extra count of seeds in all packets.
JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

VERBENA MAMMOTH

Colored or Mixed	oz.	$0.75
Petunia, double large-fl. fringed	tr. pkt.	1.00
" single large-fl. fringed	tr. pkt.	.50
Salvia Splendens	oz.	1.00
Stocks, large-fl. 10 Weeks'	tr. pkt.	.25
" Dwarf Snowflake	tr. pkt.	.25
Begonia, Dwarf Vernon	tr. pkt.	.25
" Vulcan	tr. pkt.	.25
" Erfordi	tr. pkt	.25

W. C. BECKERT, Allegheny, Pa.
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Augusta Gladiolus
First size, 1⅜ and up ..... $12.00 per 1000
Second size, 1¼-1⅜ ..... 8.00 per 1000
Cash with order. Satisfaction guaranteed.
Rowehl & Granz, Hicksville, L. I., N. Y.
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I THINK the REVIEW the best paper for florists.—GEORGE WOLF, Elkins, W. Va.

I LIKE the REVIEW the best of any florists' paper.—J. M. Hazlewood, Vancouver, B. C.

WE consider the REVIEW well worth the price of subscription.—HAINES SEED CO., Denver, Colo.

I LIKE the REVIEW best of all; it is very interesting and instructive.—LUDWIG ZIMMER, St. Louis, Mo.

WE like the REVIEW very much, and need it in our business.—HERBERT & FLEISHAUER, McMinnville, Ore.

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WHOLESALE FLORIST

1526 Ranstead St., PHILADELPHIA

CARNATIONS, VALLEY, GARDENIAS

And the best of everything seasonable in season.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Feb. 20.

	Per doz.
Beauties, Specials	$9.00 to $10.00
" Extra	6.00 to 7.50
" Medium	3.00 to 5.00
" Short	1.00 to 1.50
	Per 100
Brides and Bridesmaids, Fancy	$12.00 to $15.00
" " Select	8.00 to 10.00
" " Ordinary	4.00 to 6.00
Richmond, Liberty, Fancy	15.00 to 20.00
" Select	10.00 to 12.00
" Ordinary	4.00 to 6.00
Killarney, Chatenay, Select	10.00 to 15.00
" " Ordinary	4.00 to 8.00
Golden Gate, Select	10.00 to 15.00
" " Ordinary	4.00 to 8.00
Carnations, Fancy	5.00 to 6.00
" Select	2.50 to 4.00
" Ordinary	1.50 to 2.00
Harrisii Lilies, per doz., $1.75 to $2.00	
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch, 50c	
" Sprengeri, bunch, 50c	
Smilax	12.50 to 15.00
Valley	3.00 to 5.00
Cattleya Trianæ	60.00
Callas, per doz., $1.00 to $1.25	
Violets, Single	.35 to .50
" Double	.75 to 1.00
" White	1.50
Gardenias, $3.00 to $4.00 per doz.	
Pansies	.75 to 1.00
Snapdragon	3.00 to 4.00
" fancy	15.00 to 20.00
Sweet Peas	.75 to 1.50
Daisies, White and Yellow	1.50 to 3.00
Roman Hyacinths	1.50 to 3.00
Paper White Narcissus	2.00 to 3.00
Mignonette, Fancy	4.00 to 6.00
" Ordinary	3.00
Single Daffodils	2.00 to 3.00
White Lilacs, per bunch	1.00 to 2.00
Freesias	2.00 to 4.00
Golden Spur	2.00 to 3.00
Tulips	2.00 to 4.00
Double Daffodils	3.00 to 4.00

Pittsburg, Feb. 20.

	Per doz.
Beauties, Specials	$ 5.00 to $ 6.00
" Fancy	3.00 to 4.00
" Medium	1.25 to 2.00
" Short	.75
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " " Medium	$ 8.00 to 12.00
" " Short	6.00
Richmond, Specials	15.00
" Select	12.50
" Ordinary	6.00 to 10.00
Killarney	8.00 to 15.00
Chatenay	8.00 to 15.00
Perle	6.00 to 8.00
Bon Silene	4.00
Cusin	4.00 to 8.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4.00
Sweet Peas	.50 to 1.25
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	.50 to 1.00
Paper Whites	3.00 to 4.00
Roman Hyacinths	2.00 to 4.00
Freesias	1.00 to 3.00
Tulips	3.00
Cypripediums	15.00

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6-inch pots ..... $12.00 per doz.

NEPHROLEPIS SCOTTII,
6-inch pots ..... $6.00 per doz.

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New York, Feb. 18.

	Per 100	
Beauties, Specials	$50.00 to	$ 75.00
" Fancy	35.00 to	40.00
" Extra	20.00 to	25.00
" No. 1	10.00 to	15.00
" No. 2	8.00 to	10.00
" Shorts	4.00 to	6.00
Brides and Maids, Special	10.00 to	12.00
" " Extra	8.00 to	10.00
" " No. 1	4.00 to	6.00
" " No. 2	2.00 to	4.00
Golden Gate, Chatenay	3.00 to	12.00
Killarney	3.00 to	12.00
Richmond	5.00 to	20.00
Orchids, Cattleyas	40.00 to	60.00
Cypripediums	10.00 to	20.00
Gardenias	20.00 to	35.00
Carnations, Common	1.00 to	2.00
" Selects	2.00 to	3.00
" Fancies and novelties	4.00 to	6.00
Violets	.25 to	.75
Adiantum Cuneatum	.50 to	1.00
" Croweanum	1.00 to	1.25
Asparagus Plumosus, strings	25.00 to	50.00
" Sprengeri, bunches	8.00 to	15.00
Lilies	6.00 to	15.00
Lily of the Valley	1.00 to	2.00
Smilax	6.00 to	10.00
Paper Whites	1.00 to	2.00
Callas	6.00 to	8.00
Hyacinths	1.00 to	2.00
Tulips	1.00 to	2.00
Lilacs	bunch, 50c to 1.00	
Daisies	1.00 to	2.00

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Chicago, Feb. 20.

	Per doz.
Beauties, long stems	$6.00
" 36-inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75

	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	5.00 to 8.00
Brides, Specials	10.00 to 12.00
" Firsts	5.00 to 8.00
Richmond, Specials	12.00 to 15.00
" Firsts	6.00 to 10.00
Liberty	6.00 to 12.00
Golden Gate, Firsts	10.00 to 12.00
" " Seconds	5.00 to 8.00
Killarney	8.00 to 15.00
Uncle John	5.00 to 12.00
Perle	5.00 to 10.00
Chatenay	5.00 to 12.00
Carnations, Select	1.50 to 3.00
" Fancy	4.00
Violets, double	.75
" single	.50 to .75
Cattleyas per doz., $6.00	
Dendrobium—	
Formosum....doz., $3.00 to $6.00	
Cypripediums,..doz., 2.00	
Harrisii	15.00
Callas	10.00 to 12.00
Valley	2.00 to 4.00
Jonquils	3.00 to 4.00
Tulips	2.00 to 5.00
Sweet Peas	.75 to 1.50
Paper Whites, Romans	3.00 to 4.00
Freesias	3.00 to 4.00
Mignonette	6.00 to 8.00
Asparagus, Strings	50.00 to 60.00
" Sprays, per bunch....75c	
" Sprengeri, " 25-35c	
Ferns.....per 1000, $2.50 to $3.00	.30
Galax.....per 1000, 1.00 to 1.50	.15
Adiantum Cuneatum	1.00 to 1.50
" Croweanum	2.00
Smilax.....per doz., $1.50 to $2.00	12.00 to 15.00

Cleveland, Feb. 20.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00

	Per 100
Brides and Bridesmaids	$ 6.00 to $15.00
Carnations	3.00 to 5.00
Violets	.75 to 1.25
Sweet Peas	1.00 to 1.50
Pansies	1.00 to 1.50
Tulips	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

Milwaukee, Feb. 20.

	Per 100
Beauties, Medium	$15.00 to $18.00
" Shorts	6.50 to 10.00
Bride and Bridesmaid	6.00 to 10.00
Golden Gate, Chatenay	6.00 to 10.00
Richmond	8.00 to 10.00
Perle	6.00 to 10.00
Carnations	2.00 to 4.00
Valley	3.00
Violets	.50 to .75
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	3.00
" Sprengeri, "	3.00
Smilax	15.00
Adiantum	1.00
Paper Whites, Romans	3.00
Callas	18.00
Trumpet Major	3.00
Tulips	3.00

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Phone, Central 879.

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51-53 Wabash Ave., CHICAGO

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Rooted or Unrooted.

Send a list of your wants for prices.

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51 Wabash Ave , CHICAGO

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Careful attention to all

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Wholesale Growers and Shippers of

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Wholesale Cut Flower Prices.

Cincinnati, Feb. 20.

	Per 100.
Beauties, Extra	$40.00 to $50.00
" No. 1	20.00 to 30.00
" Shorts	10.00 to 15.00
Brides and Maids, Extra	12.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 12.00
Kaiserin	4.00 to 12.00
Liberty	6.00 to 20.00
Meteor	4.00 to 12.00
Perle and Sunrise	3.00 to 8.00
Carnations	2.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	2.00 to 4.00
" Sprengeri, "	2.00 to 3.00
Lilium Harrisii	12.50 to 15.00
Smilax	12.50 to 15.00
Lily of the Valley	3.00 to 5.00
Callas	8.00 to 12.50
Adiantum	.75 to 1.50
Violets	.50 to 1.50
Baby Primroses	.35 to .50
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Tulips	3.00 to 4.00
Dutch Hyacinths	4.00 to 6.00

C. E. CRITCHELL

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Cut Flowers and Florists' Supplies

WIRE WORK OF ALL KINDS

Write for price list. Consignments solicited.

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Consignments Solicited.

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Sound bulbs, 7x9, $6 50; 8x9, $7.50 per 100. Fine condition in cold storage.

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The Metairie Ridge Nursery Co., Ltd. NEW ORLEANS, LA.

Growers of

CHOICE CUT FLOWERS

Roses, Carnations, Orchids, Etc.

We are fully prepared to fill orders for shipping by steamers and express all through the Southern States.

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Always Mention the....

Florists' Review

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Phone 6268, 6267, 5419 Main

New England Headquarters for

Carnations, Violets, Roses, Lily of the Valley

Carefully selected and packed for long distance shipment.

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C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.

1122 Pine St., - ST. LOUIS, MO.

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,

ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Feb. 20.

	Per doz.
Beauties, Specials	$ 5 00 to $6.00
" Extra	3.00 to 4.00
" Shorts	1.00 to 2.00
	Per 100
Brides and Maids, Specials	$ 8.00 to $10.00
" " No. 1	5.00 to 6.00
Golden Gate	6.00 to 10.00
Richmond	6.00 to 10.00
Carnot	6.00 to 10.00
Carnations, Common	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri, "	1.00 to 3.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets	.35 to .40
Paper Whites	3.00 to 4.00
Romans	1.00 to 3.00

Buffalo, Feb. 20.

	Per doz.
Beauties, Specials	$9.00
" Fancy	6.00
" Extra	3.00
" First	2.00
	Per 100
Brides and Maids, Extra	$12.00 to $15.00
" " No. 1	10.00 to 12.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 15.00
Golden Gate	5.00 to 10.00
Perle	5.00 to 8.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Harrisii	15.00 to 20.00
Violets	.75 to 1.00
Romans and Narcissi	2 50 to 3.00
Freesias	2.00 to 4.00
Tulips	2.50 to 3 00
Daffodils	2.50 to 3.00

THE REVIEW is the most compact and business-like journal in the horticultural field.—C. ADAMS, Memphis, Tenn.

Wholesale Cut Flower Prices.

Boston, Feb. 20.

	Per 100.
Beauties, Specials	$50.00 to $100.00
" Extra	20.00 to 40.00
" Short Stems	8.00 to 20.00
Brides, Specials	8.00 to 12.00
" Seconds	4.00 to 6.00
Bridesmaids, Specials	12.00 to 16.00
" Seconds	4.00 to 6.00
Chatenay	4.00 to 12.00
Wellesley, Killarney	4.00 to 15.00
Liberty, Richmond	4.00 to 30.00
Carnations, Special	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Lily of the Valley	3.00 to 4.00
Asparagus Plumosus, Strings	30.00 to 50.00
" " Sprays, bunches	25.00 to 50,00
" Sprengeri, bunches	25.00
Adiantum Cuneatum	.50 to 1.00
Smilax	12.00 to 15.00
Harrisii	10.00 to 12.00
Violets	.30 to .75
Cattleyas	50.00
Callas	8.00 to 12.00
Antirrhinum	2.00 to 4.00
Sweet Peas	.75 to 1.00
Mignonette	2.00 to 4.00
Paper Whites, Romans	1.50 to 2.00
Tulips	2.00 to 3.00
Daffodils	2.00 to 3.00

Holton & Hunkel Co.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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Special attention to theatre orders. Personal and artistic arrangement. No disappointments in catching steamers and reliable deliveries guaranteed. Special rates for my brother florists from any part of the country. **One Trial Sufficient.**

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Auditorium Annex. Telephone Harrison 585.

Colberg & Lemke

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Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

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SUCCESSORS TO SIEVERS & BOLAND

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Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL, MINN

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WASHINGTON, D. C.

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and vicinity will be carefully looked after by

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MRS. M. A. HANSEN

Y. M. C. A. BUILDING

FRED C. WEBER

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Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

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....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph

All orders given prompt attention.

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COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

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Milwaukee, Wis.

Will take proper care of your orders in **WISCONSIN**

CHOICEST FLOWERS

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Local and Long Distance Phones.

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Careful and Prompt Attention to Out-of-town Orders.

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All Kinds of CUT FLOWERS in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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Alexander McConnell

571 FIFTH AVENUE, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street. **Cable Address: ALEXCONNELL.** **Western Union Code.**

BROOKLYN, NEW JERSEY, } **Deliveries Anywhere** { **NEW YORK, LONG ISLAND.**

Trade orders well cared for from all parts of the Country, and delivered at Theatre, Hotel, Steamer or Residence. Address

ROBERT G. WILSON

Fulton St. and Greene Ave. Telephones, Prospect 2840 and 4065 **BROOKLYN, N. Y.**

Established in 1857.

Wittbold FLORIST

1657-1659 Buckingham Place

L. D. Phone 558 Lake View. CHICAGO

Send us your retail orders. We have the best facilities in the city.

MYER 609-611 Madison Avenue New York

Long Distance Phone, 5297 Plaza.

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$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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ATLANTA FLORAL Co.

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will carefully execute orders for Kansas City and any town in Missouri or Kansas.

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42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

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Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held Saturday evening, February 9, R. Boreham in the chair. A prize was awarded to H. Kieling for a bunch of roses. J. Bradley was second. There was a fine display of plants and cut flowers. C. Wilson staged a fine plant of a new asparagus. H. Kostberg staged some fine amaryllis blooms from his own seedlings. H. Kieling staged some fine violets. J. Bradley had some fine sprays of mignonette. The prize for the next meeting is to be for the best collection of cut flowers.

KANSAS CITY, MO.—W. J. Barnes has an excellent rose-pink sport of Enchantress.

NORTH PACIFIC COAST

The H. Harrington Co.

912 SECOND AVE.
SEATTLE, WASH.

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FLORIST
238 Fulton St.
Near Clark St.
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1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinlock, Central 4981.

Send orders for delivery

IN OHIO TO GRAFF BROS.

COLUMBUS, OHIO

In the exact center of the state.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

Steamers—	From—	To—	Sails.
Oceanic	New York	Liverpool	Feb. 27
Pathfinder	New York	Porto Rico	Feb. 28
Friedrich	New York	Naples	Mar. 2
Momus	New Orleans.	Havana	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Momus	New Orleans.	Havana	Mar. 9
Hannover	New York	Bremen	Mar. 14
Momus	New Orleans.	Havana	Mar. 16
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Momus	New Orleans.	Havana	Mar. 23
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30
Orinoco	New York	Panama	Mar. 30
Momus	New Orleans.	Havana	Mar. 30
Amsteldyk	Norfolk	Rotterdam	Apr. 3
König Albert	New York	Naples	Apr. 6
Momus	New Orleans.	Havana	Apr. 6
Slavonia	New York	Naples	Apr. 11
Friedrich	New York	Genoa	Apr. 13
Momus	New Orleans.	Havana	Apr. 13
Albano	Norfolk	Hamburg	Apr. 18
Momus	New Orleans.	Havana	Apr. 20
P. Irene	New York	Naples	Apr. 20
Moltke	New York	Naples	Apr. 23
Ultonia	New York	Naples	Apr. 25
Momus	New Orleans.	Havana	Apr. 27
Tennyson	New York	Rio	Apr. 30

COLUMBUS, IND.—Charles Barnaby says the lack of sun has greatly reduced his supply of flowers.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

THERE is hardly a planting of evergreens which does not include one or more of Koster's variety of the blue spruce.

W. C. GRIFFING, a Florida nurseryman, has purchased the Gulf Coast Nurseries, Belleville, Tex., founded by Harvey C. Stiles.

THE Perkins Nursery Co., McKinley, Tex., has been incorporated, by W. H. Perkins, F. D. Perkins and J. L. White, with $25,000 authorized capital stock.

THE nursery department of the Charles H. Lilly Co., Seattle, Wash., is sending out a new red raspberry named Superlative at the modest price of $1 per root.

THE Maryland Agricultural Experiment Station has issued two new bulletins of interest to the trade: No. 111, "The Oyster Shell Scale," and No. 112, "Treating San Jose Scale."

JOHN T. WITHERS has placed L. H. Wise in charge of the execution of his landscaping contracts on the grounds of the Jamestown exposition. It is spring on the exposition grounds and everything is advancing rapidly.

C. M. OLSTON, president of the Sioux Valley Nursery Co., Brookings, S. D., was taken sick February 8 with a mild form of smallpox. He was removed to the isolation hospital, where there already were two other cases.

THE advertising of fruits trademarked upon the package is becoming a quite common practice on the part of large producers or associations of growers. It is usually profitable, for the public recognize that fruit so marked and advertised must be good or the publicity will be a positive detriment to the growers. The latest of such advertising is by a firm of Florida growers of grape-fruit.

PLANTING HOME GROUNDS.

In ornamental planting, advises the National Council of Horticulture, it is important that great care be taken in grouping plants, making sure they fit in with the neighboring architecture and seeking to bring out some desired effect. The texture of the foliage, the color of the flowers, the season of the bloom and rapidity of growth should all be considered.

It is the object of the landscape gardener to create charming affects of sunlight and shadow and examples in miniature of nature's handiwork as seen in landscapes. All of a space should not be filled with plants, but there should be broad stretches of grass bordered with shrubbery, so arranged as to produce vistas. The habit of scattering plants all over a yard or of planting them in rows in several given directions is not ornamental planting. While the plants individually may be beautiful, their arrangement gives the idea of a wilderness and as a whole is unsightly. It spoils the individual beauty of the plants instead of bringing it out.

AMERICAN BEAUTY ROSES A Fine Lot

Two years, field-grown, budded on Manetti; all of our own growing; strong, sturdy, well ripened, hard-wooded, American-grown stock.

Price.....$15.00 per 100; write for prices on large lots

Send for our Spring Price List, now ready; largest stock and completest assortment of Roses in the country; leading kinds, either budded or on own roots. List showing varieties, quantities available, and prices sent on request to those in the trade.

JACKSON & PERKINS CO. Nurserymen and Florists Wholesale only Newark, New York

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The border lines of a lot and the inside curves of a drive or walk usually require groups of shrubbery, also the corner of a building needs a mass of green to "tie the building to the ground." Unsightly objects should be completely covered by a screen of trees and shrubbery. Barns, outbuildings and fences usually do not have much architectural beauty and can easily be hidden from view by proper planting. There is an endless amount of material with which one may work. First of all the foundation of all landscape work is trees. These and the shrubs will form a framework for the flowers.

JAMESTOWN EXPOSITION.

Recently the grounds of the Jamestown exhibition of 1907, on the shore of the Hampton Roads, between Norfolk and Fort Monroe, were enclosed by a wire fence stretched on decorative posts. This fence will be covered with flowers and verdure. Twenty thousand rose bushes have been placed along the line of wire, and trumpet-vine and 125,000 honeysuckles have been planted. Before the gates of the exposition open, a thick mass of green commingling with honeysuckle flowers and roses will obscure all outside view.

It has been part of the decorative plan evolved by the board of design that native plans should be used as far as possible. Fifty thousand privet cuttings will be used, as well as between 10,000 and 20,000 cuttings of mountain laurel, and willow and miscellaneous collections from old Virginia gardens. Among the large shrubs will be hollies, maples, locusts, flowering dogwood, apple and cherry trees, red cedars, paper mulberries and water oaks. It has been the design to preserve the natural features of the grounds wherever possible.

The portion of tidewater Virginia, where the exhibition is to be held, is known for the luxuriance with which plants and flowers grow.

POMOLOGICAL SOCIETY.

The executive committee of the American Pomological Society has decided to hold the thirtieth biennial meeting of the society on the grounds of the Jamestown Exposition September 25 and 26, 1907. It is a long time since the society met in that region, and this seems an auspicious time for returning to it. The horticultural associations of the immediate section promise to unite in making the convention one of the most memorable in its history.

A number of important matters will come before the society at this time. Reports on the grading and inspection of fruits for home distribution and export purposes are due, and the members of the committee having this matter in hand have been working earnestly for the purpose of making a report which will record substantial progress. The committee on judging and score cards will add to the reports already presented and include a number of fruits not yet dealt with.

The history of fruit growing in this, one of the oldest sections of the country, is exceedingly interesting and carries with it many important lessons. This will be presented by competent authorities as time permits. In addition, various matters bearing upon the technical phases of fruit growing will be presented and discussed.

The exposition authorities have met us fully half way in the matter, and we shall have ample facilities for holding our meetings and for making a creditable exhibition. The sessions will be held in the Convention hall, and the exhibit will be staged in the interior court of the States Exhibit building.

The Society for Horticultural Science, Dean L. H. Bailey, of the Cornell College of Agriculture, Ithaca, N. Y., president, and Professor V. A. Clark, of the Arizona Experiment Station, Tucson, secretary, will meet in joint session with the American Pomological Society this year. This general announcement is made under the authority of the executive committee, Captain C. L. Watrous, Des Moines, Ia., chairman, L. A. Goodman, 4000 Warwick boulevard, Kansas City, Mo., president of the society, and John Craig, Ithaca, N. Y., secretary.

200,000 Shrubs

From 2 to 9 feet.

Viburnum Plicatum	Hydrangea P. G.
Viburnum Dentatum	Forsythia Viridissima
Lonicera Grandiflora Rosea	Judas American
	Berberis Thunbergii
Stephanandra Flexuosa	Cornus Stolonifera
Lonicera Tartarica	Azalea Amoena
Sambucus Aurea	Weigelas
Deutzia Lemoinei	Creeping Roses
Spiraeas in variety	Honeysuckles in variety
Lilacs, white and purple	Privet Regelianum

600,000 Herbaceous Plants

The Elizabeth Nursery Co.

ELIZABETH, N. J.

Mention The Review when you write.

TREE SEEDLINGS, Etc.

50,000 **Sugar Maple Seedlings,** 6-12 in., $6.00 per 1000.

20,000 **Sugar Maple Seedlings,** 2 3-ft., $3.00 per 100; $25.00 per 1000.

5,000 **Tulip Poplar,** 4-6-ft., $6.00 per 100; $50.00 per 1000.

5,000 **Catalpa Speciosa,** 4 5-ft., $3.00 per 100; $25.00 per 1000.

2,000 **Sweet Gum,** 6-8-ft., $10.00 per 100; $90.00 per 1000.

5,000 **Ilex Opaco,** (American Holly), 3-4-in., $4.00 per 100; $25.00 per 1000.

10,000 **Novae-Angliae Aster,** strong, $3.00 per per 100; $25.00 per 1000.

Early shipment. Send for our Special Surplus List of Bargains.

ELLSWORTH BROWN & CO., Seabrook, N. H.

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Forcing Plants

Azaleas
Rhododendrons
Lilac Rubra de Marley
Deutzia Gracilis
Crimson Rambler
Magna Charta Rose
General Jacq. Rose

Pyramidal Box Trees, 4-5 feet. Barberry Thunbergi

Nursery Stock Supplied to Florists

Trees, Shrubs, Roses, Clematis, Evergreens

Send for our wholesale trade list.

W. & T. Smith Co., Geneva, N.Y.

Mention The Review when you write.

BERBERIS THUNBERGII
12-18-inch.....$6.00 per 100; $50.00 per 1000
18-24-inch..... 8.00 per 100; 70.00 per 1000

CAROLINA POPLARS
8-10 feet.....$10.00 per 100; $80.00 per 1000
10-12 feet..... 12.50 per 100; 100.00 per 1000
Large stock and fine stuff. Sure to please.
Send for price list of general stock.

Aurora Nursery Co., Aurora, Ill.

Mention The Review when you write.

American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

CHAS. HAWKINSON NURSERY
EXCELSIOR, MINN.

Mention The Review when you write.

Hardy Roses

A large stock of extra fine H. P. Roses at greatly reduced prices.

Call's Nurseries, Perry, Ohio

Mention The Review when you write.

PEONIES

A fine collection, all colors, $1.50 per doz.; $10.00 per 100. Send for list.

CLEMATIS, large-flowering, $2.50 per doz.; $20.00 per 100.

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

TREES and SHRUBS

Immense quantities, low prices.
Price list on application.

PEONIES A SPECIALTY.

PETERSON NURSERY
108 LA SALLE ST. CHICAGO

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THE REGAN PRINTING HOUSE

Large Runs of

Catalogues OUR Specialty Get our figures

88-91 Plymouth Place, **CHICAGO**

California Privet Cuttings

Allfrom young wood, every cutting sure to grow. $1.00 per 1000.

Caddo Nurseries, John Monkhouse, Prop., Shreveport, La.

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Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

20,000 LARGE
CALIFORNIA PRIVET

5 to 6 feet, $6.00 per 100; $50.00 per 1000.
6 to 7 feet, 9.00 per 100; 75.00 per 1000.

It is bright and handsome. I offer it at these low prices because it is upon land that must be cleared at once. Speak quickly.

J. T. LOVETT, LITTLE SILVER, N. J.

Mention The Review when you write.

ROSES
STRONG DORMANT PLANTS

American Beauty, Clothilde Soupert, Gloire de Dijon, Kaiserin Augusta Victoria, La France, Mme. Caroline Testout, Frau Karl Druschki, Crimson Rambler, Baby Rambler, Dorothy Perkins, etc., **SUITABLE FOR FORCING.**

Immediate Delivery. Prices Right. General Catalog and Price Lists ready.

Bay State Nurseries, North Abington, Mass.

Mention The Review when you write.

47,960 Low Budded Roses in 26 Varieties

I offer for February delivery from my cellars here, the entire Surplus Roses grown by the Heikes-Biloxi Nurseries. No. 1, $95 00 per 1000; No. 1½, $65.00 per 1000.

Privet Cuttings, $1.25 per 1000; 10,000 for $10.00. Correspondence solicited.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

Mention The Review when you write.

LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

Manetti

STOCKS, now ready, $8.50 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

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EVERGREEN

An Immense Stock of both large and small size **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

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ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100.

GILBERT COSTICH, ROCHESTER, N. Y.

Mention The Review when you write.

2-year-old ROSES 4-inch pots

P. & W. Cochets and Crimson Rambler, 7c; La France, Meteor, Hermosa and Soupert, 8c; Diesbach, Dinsmore, Charta and Laing, 9c; Gen. Jacqueminot and Paul Neyron, 10c; Marechal Niel, 15c; Baby Rambler, 18c.

101 choice sorts in 2½-in. pots.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

Mention The Review when you write.

PACIFIC COAST.

Everett, Wash.—The Everett Floral Co., H. Petersen proprietor, is about to build three greenhouses, each 100 feet long.

The Everbest Nursery Co., of Wenatchee, Wash., has been incorporated with $60,000 authorized capital, by A. Van Holderbeke, J. F. Littoor and J. T. Brown.

VICTORIA, B. C.

During the cold spell in January several of the fraternity suffered. The thermometer registered 22 degrees of frost, with a strong north wind. As our houses are neither built nor piped for any such weather, lucky indeed was the man who could keep Jack Frost out. To add to our troubles there was a coal and wood famine and an insufficiency of teams. However, we all got through somehow and look forward to a tremendous bedding trade to make up for it.

Since the frost the demand for flowers has been good. The town is booming and good times are the result.

The Victoria Horticultural Society held its annual meeting last week. A strong committee was elected, $150 carried to reserve fund, with a substantial balance on hand. This was considered a most satisfactory state of affairs and the society will probably undertake to hold three shows this year instead of the two it held last season.

Edw. Alex Wallace.

SPOKANE, WASH.

Those people who take it for granted that the public taste in floral arrangement is not developed on the Pacific coast to as discriminative a point as in the east, simply have failed to keep in touch with the progress of the times. The Pacific coast has been favored with as great a degree of prosperity as in other sections of the country. The people are accustomed to the payment of good prices for good articles, in whatever line, and they are willing to pay the price for first-class flowers.

There are some good stores in many of the northern Pacific coast cities and Spokane has several of them. The accompanying illustrations are from photographs of the store of the Spokane Florist Co., the manager of which is Miss Amy K. Luffman, who is well known throughout the United States through her several years of service as assistant to the secretary of the S. A. F. at the annual conventions. Her home was in Alabama, but she spent several years in Chicago and on going to Spokane a couple of years ago took a knowledge of floral work which was up to the best practice of the day and which has been a considerable factor in developing the floral taste of the community. The people in Spokane are as ready as any others to grasp a new idea in decorating.



Store of Spokane Florist Co., Spokane, Wash.

SAN FRANCISCO.

The Market.

Bright, warm weather continues and flowers remain plentiful. This is especially noticeable in all lines of bulbous stock and never at any time within the history of the business here has this class of stock been so plentiful and cheap. Daffodils, although in good demand, have been in overabundant supply and have been sold wholesale as low as $3 per thousand. Narcissi have been offered at even a less figure, but as the bulk of this popular flower is now cut, it will advance in a few days.

Indoor carnations also are gradually lowering in price. The growers have been making efforts to keep the figures as high as they were during December and January, but, owing to the quantities being offered, there has been the usual result and prices have decreased considerably. This has not been the result with roses, however, as there has been but a scant supply for several weeks, with no prospects for any increase for another month at least.

Some relief from the green goods famine is in sight with the advent of wild maidenhair fern. Adiantum, of all descriptions, has been one of the scarcest articles in our category for several months and even asparagus has been almost impossible to obtain at times, but when the wild fern is in season it will bridge over the time very nicely until we again can get all the tame maidenhair required.

Business considering that Lent has commenced is good.

Various Notes.

P. K. Keller, of Piedmont, has sold the ground recently devoted to the nursery business to speculators who will improve it by the erection of stores and houses.

A. Currie, Jr., representing Currie

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for present delivery are as follows: 1000 seeds, $2.00; 6000 seeds, $10.00; 18,000 seeds, $30.00; 25,000 seeds, $35.00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA.

strong, field-grown divisions, **true to name.** $2 50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal.

Mention The Review when you write.

HOLLAND BULBS

Young man who knows how to grow Dutch bulbs, experience in Holland and this country; best references. Wants position in this line by April, along the Pacific coast preferred State wages and full particulars. **L. Van der Linden, care Carl Purdy, Ukiah, Cal.**

Mention The Review when you write.

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Cyclamen Per. Giganteum, 3-in., $5 per 100.

Cineraria, Prize Strain, 4-inch, $4.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Hybrid Delphinium, Burbank's Strain, all shades of blue. This strain has been much improved the past year. 25c per 1000 seeds; $1.50 per oz.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.

305 N. Broadway, LOS ANGELES, CAL.

Mention The Review when you write.

FIELD-GROWN ROSES

OWN ROOTS.

BIG VALUE IN FOLLOWING. You need them all if you are in the business.

	Per 100
CLIMBING TESTOUT. New; grand acquisition; very strong climber; heavy stock	$12.00
CLIMBING CECIL BRUNNER. Very strong	7.00
CLIMBING WOOTTON. Strong stock	7.50
PINK COCHET. First grade, strong	7.50
" " Second grade, nice.	5.00
" " Third grade, big value.	3.50
WHITE COCHET. Second grade, nice.	5.00
" " Third grade, big value.	3.50

	Per 100
GRUSS AN TEPLITZ. First grade...	$ 7.50
" " Second grade, fine	5.00
" " Third grade, nice	3.50
" " AA grade.....	10.00
CLIO. First grade; fine stuff.....	7.00
ULRICH BRUNNER. First grade....	8.50
" " Second grade.	6.00
" " AA grade.....	10.00
CLARA WATSON. Second grade, nice.....	6.00

Lively is the word if you want to make sure of stock.

California Rose Company,

POMONA, CAL.

Our long experience in packing and shipping is of value to you.

Mention The Review when you write.

10000 FIELD-GROWN CARNATIONS

ONE-YEAR-OLD

	Per 100
Hannah Hobart	$10.00
Red Lawson	5.00
Variegated Lawson	5.00
Pink Lawson	3.00
Wolcott	3.00

	Per 100
Flora Hill	$3.00
G. Lord	3.00
Mrs. Joost	3.00
Queen Louise	3.00
Harlowarden	3.00
Estelle	5.00

ALSO ROOTED CUTTINGS. Write for list.

A. Mitting, 17 to 23 Kennan St. Santa Cruz, Cal.

Mention The Review when you write.

Bros., of Milwaukee, is in town on a few days' visit.

Charles Beebe, formerly of Trumbull & Beebe, is contemplating again embarking in the seed business, in Oakland. Mr. Beebe lost heavily by our recent fire but he is willing to try his luck again.

S. L. Morris, formerly of San Jose, Cal., has removed to Berkeley, where he will continue in the business of landscape gardening.

James O'Neill, Jr., has taken charge of the Myrobolan Nurseries at Haywards.

P. J. Meyer & Co., of Burlingame, are cutting an extra fine lot of Prosperity and Enchantress carnations.

The Japanese nurserymen are taking up peddling plants around the outskirts of nearby towns. One ambitious dealer has three wagons steadily employed and is apparently handling considerable stock.

Complaint is made by the sweet pea growers that the excessive moisture of last month has ruined many of the plantings and as a consequence there will be a shortage of early flowers. G.

HOLLYHOCKS.

The hollyhock is an old garden favorite of strong growth and most ornamental character. A few years ago a disease appeared which made it difficult to grow successfully, but the disease has been controlled and new interest is now being taken in hollyhocks. A large number of named varieties is now catalogued. Plants which have been grown during the winter in pots under glass should be available for planting out in the spring and should be moved as soon as the soil is moderately warm and in good workable condition. Their cultivation is simple and they should bloom early. Where the weather is cool they will continue to bloom for many weeks, but hot weather shortens their flowering period. The hollyhocks are grown in both the single and double forms and there are many varieties to select from. Within the last few years, says the National Council of Horticulture, a strain has been developed which will bloom the first year from seed. By starting them in March and giving attention to culture flowers should be had in ten to fifteen weeks. These plants can be treated as annuals.

To raise plants for flowering next spring, sow seed in August and when the plants are a few inches high transplant them to small pots or set them out in a coldframe. Water should be given as needed and good drainage supplied. If the plants are in pots, put them first in 2-inch pots and transplant to 3-inch or 4-inch pots three or four weeks later. They will be protected in the frame in the winter months and will be in excellent condition to set out in the early spring.

SCALE ON NEPHROLEPIS.

What is the remedy for a hard, brown scale that infests ferns and other plants? My ferns are infested just now. I have tried cutting them down, but I have one large one that I do not want to cut. I enclose sample. E. D.

The portion of a nephrolepis frond that was enclosed with this query showed plainly that the plant in question was badly infested with the common brown scale, or turtle scale, as this pest is frequently termed.

The best treatment would be to first cut off the worst fronds, and then dip in tobacco solution. Or, if the plant is too large to be dipped conveniently, lay it on its side and syringe thoroughly with the tobacco solution. A solution of one part of Rose Leaf extract of tobacco to fifty parts of water will answer, but may need to be applied several times in order to kill all the insects.

It is best to protect the plant from the sun during the time the tobacco treatment is being given, or the tips of the fronds may suffer.

W. H. TAPLIN.



A Corner of the Store of the Spokane Florist Co., Spokane, Wash.

The Best Commercial White Mum

WHITE MAUD DEAN

Grown by THE WILLIAM SCOTT CO., Buffalo, N. Y.

Strong, well rooted cuttings, ready March 1,
$10.00 per 100. Offered by

S. S. SKIDELSKY —— and —— WM. F. KASTING,
824 N. 24th St., Philadelphia, Pa. Buffalo, N. Y.

SPRINGFIELD, OHIO.

Club Meeting.

At the well-attended February meeting of the Springfield Florists' Club, Assistant Postmaster O. F. Serviss gave an interesting and instructive off-hand talk on postal matters, touching upon numerous questions of importance to the catalogue florists.

Mr. Serviss stated that in the last eight or ten years the receipts of the Springfield post-office have doubled, attributing this fact to the enormous growth of outputs in catalogues and products of the various greenhouses in the line of plants, seeds and bulbs.

It was recommended that whenever one-third of a sack or more of mail for any one state is ready to forward, nothing for any other state be put into the same sack, provided, however, that the post-office furnish an adequate supply of sacks, which is not always possible.

The abolition of the back stamp was favored by the speaker as well as by practically everybody present.

A more equitable adjustment of postage rates between second, third and fourth-class matter was advocated, and Mr. Serviss recommended that facts and figures be collated as to the amount of postal business done in the aggregate by local florists, and that the matter be presented in due form to our congressman. The entire postal system is conceded to be built upon quite antiquated lines and a committee of congress has the matter under consideration with a view to thoroughly modernizing the department.

At the close of this excellent talk Mr. Serviss volunteered to answer questions, or to meet with the club again at any time, and he was interrogated by various members as to means of correcting mailing lists and various other subjects. A vote of thanks was then tendered to the speaker and a committee appointed to take in hand the suggestions made, the committee consisting of Geo. H. Mellen, Harry Good and William Reeser.

Leman Bradford, of The Springfield Floral Co., was missing from this meeting, owing to a superior attraction in the shape of a new daughter.

The Good & Reese Co. report having taken a contract early in the season for

Beacon Carnation

Do you want to wear the smile that won't come off? Grow BEACON.

...ORANGE-SCARLET...

Has been proved the most profitable Commercial Scarlet.

Comes as near the ideal Commercial Scarlet as any yet offered.

....PRICES....

Per 100	$ 12.00; 50 at 100 rate.	Per 5000	$90.00 per 1000
Per 1000	100.00; 250 at 1000 rate.	Per 10,000	80.00 per 1000
Per 2500	$95.00 per 1000	In lots of 20,000 or more	75.00 per 1000

Cash with Order. MARCH DELIVERY.

Cottage Gardens Co. QUEENS, N. Y.

Peter Fisher, (Originator) ELLIS, MASS.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15 00
Moonlight	2.00	15.00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12.50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

Baby Rambler roses to the extent of 500,000 young plants and 25,000 two-year-olds, to cover which their capacity has been heavily taxed and the entire product of several other greenhouses long since engaged. GE DALE.

GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,
$120.00 per 1000.
—Order now.—

ROBERT SCOTT & SON,
SHARON HILL, DEL. CO., PA.
Mention The Review when you write.

TORONTO, CAN.—A man representing himself as an undertaker has been defrauding dealers here out of flowers. He is said to have obtained various quantities from J. H. Dunlop, J. S. Simmons and others. He was caught in Tidy & Son's store, on King street.

LARNED, KAN.—Tyra Montgomery reports a good demand for cut flowers, stock coming from a grower seventy miles distant. There is an opening here for a good man to raise cut flowers exclusively, as such a one could command territory within a radius of sixty miles.

SOME SPECIALS NOW READY

New Chrysanthemums **Miss Clay Frick**

(The white sport of W. Duckham), **WINTER CHEER and BUTTERCUP,** 2½-inch pots, 50c each; $35.00 per 100.

American Beauty

7000 plants in 2½-inch pots, in superb condition, ready to move on. Every plant unconditionally guaranteed by me. Price, $8.00 per 100; $75.00 per 1000. Samples sent anywhere.

New Carnations

Winsor, the bread and butter Carnation for all of you to grow. **Helen Miller Gould, Haines' Imperial and Pink Imperial,** all at $12.00 per 100; $100.00 per 1000. 2½-inch pots, $14.00 per 100. A splendid lot of **White Perfection** in 2½-inch pots, $10.00 per 100.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa**

Mention The Review when you write.

ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12.50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now will be ready for February and March delivery. Send for price list.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

Carnation Cuttings

For February Delivery.	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00
Robert Craig	6.00	50.00
Queen Louise	1.25	10.00

W. B. GIRVIN, Leola, Pa.

Always Mention the....
Florists' Review
When Writing Advertisers.

Grafted ROSES

Our Roses are the finest and best grown. Liberty, Richmond, La France, Killarney, rose pots, $15.00 per 100. 3½-in. pots, $18.00 per 100. Bride, Bridesmaid, Golden Gate, Kaiserin, rose pots, $10.00 per 100. 3½-in. pots $15.00 per 100.

J. L. DILLON, .. Bloomsburg, Pa.

Mention The Review when you write.

CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

Mention The Review when you write.

SPRINGFIELD, MASS.

The florists of Springfield do a business fully three times as large as they did fifteen years ago, do it in far better fashion and are generally given free hands when a case of decorative work is in question. The growth of the business locally is evidenced by the fact that in the various greenhouses of Springfield are over 75,000 feet of glass, the largest houses being those owned by Mark Aitken on Osgood street, which have some 25,000 feet of glass. Mr. Aitken imports 200,000 Dutch and French bulbs, while E. B. Beals imports 75,000 more, and the total importation will reach well above the 350,000 mark. Carnations, lilies of the valley, violets and roses are brought in from Cromwell, Conn., or Boston by the millions in the course of the year, while large quantities of less popular flowers are either grown here or are imported. Just now the florists are busy preparing for Easter, and thousands and thousands of Easter lily bulbs are being urged to flower in time. The Azores bulbs are being tried this year.

All the cut roses and lilies of the valley and violets, and a good share of the carnations consumed locally are imported either from the Pierson houses in Cromwell, Conn., or from Boston growers. E. B. Beals is one of the local dealers who grows carnations, and has in his houses 5,000 plants.

N. F. Higgins has 10,000 feet of glass. He uses his houses more to grow bedding plants, but also grows a number of carnations. Like Mr. Aitken, he buys the bulk of his cut flowers from Pierson at Cromwell. Ostermann & Steele have no houses, and import practically all their flowers from Boston. One of the earliest florists in Springfield was B. K. Bliss, who did a large seed business and was one of the first to issue a catalogue. William Schlatter, who has conducted a business in upper Bay street for the last eleven years, and has worked here for other florists since 1866, tells of Mr. Bliss' bringing out the Early Rose potato, which sold at $2 a pound for seed purposes. A Greenfield farmer secured two tiny tubers of this potato, each about as large as a small marble, and asked Mr. Schlatter to see what he could do with them. Mr. Schlatter cut the tubers in two, planted them, cut them down and planted the cuttings until by multiplication he grew 200 hills of fine potatoes within three months, all from the original two tubers.

Martinsville, N. Y.—G. A. Belling has sold his greenhouse business and has entered the field of greenhouse builders.

Orange, N. J.—An overheated furnace caused a fire in the greenhouse in the rear of St. John's rectory February 9, destroying the plants, among which were some fine orchids.

3 NEW CANNAS

WILLIAM SAUNDERS

The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that Wm. Saunders is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA

Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.

NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 13 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK

Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.

Send for our list and prices of 60 other leading varieties of Cannas.

ROSES, are our great specialty, 2¼ and 4-inch pot plants we have in great variety—**Philadelphia Rambler, Crimson Rambler, Dorothy Perkins** and other climbers in strong field plants.

SHRUBBERY, in variety. **Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.**

SEND FOR OUR PRICE LISTS.

THE CONARD & JONES CO., WEST GROVE, PA.

Mention The Review when you write.

Your Plans For 1907

should include telephone service at your home as well as at your place of business.

It isn't only "just as easy" to do things by telephone, it is

EASIER CHEAPER and QUICKER

NEW YORK TELEPHONE COMPANY

15 DEY STREET

Mention The Review when you write.

The Review has helped me more than you could ever know.—F. D. Hartshorn, Augusta, Me.

All our replies have mentioned the Review.—Goshen Floral Co., Goshen, Ind.

ROOTED CUTTINGS OF ROSES

Richmond	per 100, $1.50	per 1000, $12.50	Carnot	per 100, $2.50	per 1000, $20.00
Kaiserin	" 2.50	" 20.00	Bride	" 1.50	" 12.50
Perle	" 2.50	" 20.00	Bridesmaid	" 1.50	" 12.50
MacArthur	" 2.50	" 20.00	Chatenay	" 1.50	" 12.50

ROOTED CUTTINGS OF CARNATIONS

Enchantress	per 100, $2.50	per 1000, $25.00	Gov. Wolcott	per 100, $1.50	per 1000, $15.00
Lady Bountiful	" 2.50	" 25.00	Prosperity	" 2.00	" 15.00
Lawson	" 1.50	" 15.00	Harlowarden	" 2.00	" 15.00

OUR CUTTINGS ARE ALL STRONG, HEALTHY AND WELL ROOTED.
We sell 500 at 1000 rate. All Cuttings Shipped from HINSDALE, ILLINOIS.

Bassett & Washburn Store and Office, 76 Wabash Ave., Chicago
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

ROOTED
Carnation Cuttings

	Per 100	Per 1000
Mrs. T. Lawson	$1.50	$10 00
Lady Bountiful	2.50	17.50
White Lawson	2.50	20.00
White Perfection	5.00	45.00
Victory	5 00	45.00
Robt. Craig	5.00	45.00
Helen Goddard	5.00	45.00
President	2.50	20.00
Morning Glory	1 50	12.50
Lieut. Peary	2.50	20 00
Enchantress	2.00	18.0

Eli Cross, Grand Rapids, Mich.

Mention The Review when you write.

Clean, Healthy, Well Rooted
Carnation Cuttings
READY NOW

	Per 100	Per 1000
Victory	$6.00	$50.00
Enchantress	2.00	18.00
White Lawson	3 00	25.00
Lady Bountiful	3.00	25 00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12 50
Boston Market	1.50	12.50

VAUGHAN & SPERRY
58-60 Wabash Ave. CHICAGO

Mention The Review when you write.

MABELLE
NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. No discount. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

Mention The Review when you write.

ROSES
We have 50,000 now in 2-inch, about ready to shift. Send orders in now and say when you want shipped.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

FINEST OF YOUNG STOCK
Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 1908.

American Beauty, rooted cuttings, $3.50 per 100; $3 00 per 1000. March delivery.

American Beauty, 2 or 2½-in., $7 00 per 100; $60.00 per 1000. April and May delivery.

	R. C. per 1000	2½-in. per 100	2½-in. per 1000	3½-in. per 1000
Maid	$18.00	$4 50	$40.00	$55.00
Bride	18.00	4 50	40.00	55.00
Gate	18 00	4.50	40.00	55.00
Uncle John	18.00	4 50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4 50	40.00	55.00
Perle	20 00	5.00	45.00	60.00
Sunrise	20.00	5.00	45.00	60.00
Rosalind Orr English	20.00	5.00	45.00	60.00
Kaiserin Augusta Victoria	4.50		40.00	55.00

CARNATIONS

	Rooted Cuttings per 100	Rooted Cuttings per 1000	2½-in. per 100
White Lawson	$3.00	$25.00	$4.00
L. Perry	3.00	25.00	4.00
Gov. Wolcott	2.50	20.00	3 50
Pink Lawson	2.00	17 50	3.00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25 00	5 00
Red Lawson	4.00	35.00	5.00
Prosperity	2.50	20.00	3.50
Patten	2 00		
Variegated Lawson	4.00	35.00	5.00
Glendale	5.00		6.00
Craig	4 00	30.00	6.00
Harlowarden	2.00	15 00	
White Perfection	6.00	50.00	7.50
Lady Bountiful	3.50	30.00	
Boston Market	2.00	15.00	

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.
1,000,000 FEET OF GLASS

Send Cut Flower Orders to **35 Randolph St., CHICAGO.**
Send Plant Orders to Greenhouses, **Morton Grove, Ill.**

Mention The Review when you write.

To My Friends and Patrons
BE PATIENT
I will fill your orders for
Rose-Pink Enchantress
in good time and with first-class stock. For the present and until further notice I have discontinued booking additional orders for Rose-Pink Enchantress.

S. S. SKIDELSKY
824 No. 24th St., PHILADELPHIA, PA.

Mention The Review when you write.

CARNATION
HELEN GODDARD
Rooted cuttings ready now.
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

ROOTED CUTTINGS
CARNATION
Helen Goddard
Of this fine variety we have 3000 first-class stock plants and can give you the best of stock at $6.00 per 100; $50.00 per 1000.

STANDARD VARIETIES

	Per 1000		Per 1000
W. Lawson	$20.00	Fair Maid	$15.00
Queen	15.00	Enchantress	20.00
L. Bountiful	20.00	H. Fenn	20.00
Red Sport	25.00	Mrs. Patten	20.00
Manley	20.00	Pink Patten	30.00
Cardinal	25.00		

—CASH PLEASE—

Geo. E. Buxton, Nashua, N. H.

Mention The Review when you write.

Rooted Cuttings

Enchantress	per 100, $3.50
Lawson	" 3.00
The Queen	" 3.00
Wolcott	" 3.00
Queen Louise	" 1.00

B. E. Wadsworth, Box 224, DANVILLE, ILL.

Mention The Review when you write.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

Mention The Review when you write.

CARNATION CUTTINGS, Ready For Immediate Shipment.

VICTORY	per 100, $6.00	per 1000, $50.00		LADY BOUNTIFUL	per 100, $3.00	per 1000, $25.00	
PINK PATTEN	" 5.00	" 40.00		ENCHANTRESS	" 2.50	" 20.00	
VAR. LAWSON	" 4.00	" 30.00		B. MARKET	" 1.50	" 12.50	

We can also give you immediate delivery on Winsor, one of the best novelties ever offered to the trade. Send for complete list of varieties.

JENSEN & DEKEMA, ... 674 W. Foster Avenue, CHICAGO

Mention The Review when you write.

COLUMBUS, OHIO.

The Market.

Trade has been all that the most enthusiastic could desire during the last month. The only drawback has been the great shortage of stock, especially roses and carnations. Since December 1 we have had something like six days of sun altogether, and it is simply a wonder that there are any flowers at all.

As regards prices there has been a stiffening all along the line.

The Florists' Club.

Since my last report there have been three meetings of the club, and much good work has been accomplished. Every evening since the adoption of the point system of awards, substantial prizes to be given for the three highest totals at the end of the season, there have been creditable displays of both plants and flowers. There has been a large attendance at each meeting and our club is certainly prospering.

At the last meeting it was voted to drop from the rolls all members who do not pay their dues, as prescribed by our by-laws. Andrew Blum, who is with the Clover Hill Greenhouses, was elected an active member. Our club will this year again put up and take charge of the distribution of the penny packets of flower and vegetable seeds for the children of the public schools. This matter of school and home gardens is developing rapidly here and great good is being accomplished. Our next meeting will be February 26.

Various Notes.

Both William and Samuel Graff, of Graff Bros., are spending the week in Chicago, attending the wedding of their sister, Matilda Graff, to Herman Landfield, which ceremony takes place February 24 at the Unity Club house.

The Clover Hill Greenhouses are making quite a specialty of the new pink spiræa, Queen Alexandra.

The East Liverpool Potteries have dissolved.

The Ohio State Horticultural Society has made arrangements to supply its members, and, in fact, all who apply with spraying material of all kinds at wholesale prices.

The Livingston Seed Co. made a most beautiful and pleasing display of foliage plants for the opening of a new department at Armbruster's big store.

ZERO.

Carnation Plants

2-inch Pots

VERY NICE

March 1, Delivery

	Per 100
Thomas Lawson	$3.00
Lady Bountiful	3.50
Enchantress	3.50
White Lawson	3.50
Boston Market	3.00
The Queen	3.00
Harlowarden	3.00

United States Cut Flower Co.

ELMIRA, N. Y.

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15 00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes, 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

Mention The Review when you write.

HEALTHY, ROOTED CARNATION CUTTINGS

Enchantress	per 100, $2.50	per 1000, $20.00		
Mrs. Lawson	" 1.25	" 10.00		
White Lawson	" 2.50	" 20.00		
White Cloud	" 1 25	" 10.00		
Robt. Craig	" 6.00			
Candace	" 5.00			

Cash with order or Chicago reference.

JOHN MUNO, Touhy near Western Ave., Rogers Park, CHICAGO.

Mention The Review when you write.

Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery now. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK, LONG ISLAND, N. Y.

Mention The Review when you write.

I THINK the REVIEW is the best paper for florists. It is a great help and very instructive.—P. W. MASON, Bernardsville, N. J.

Seasonable Stock

	100	1000
Baby Primrose, 2½-in.	$2.00	
Carex Japonica, 2½-in.	2.50	
Coleus, 10 sorts, 2½-in.	1.80	$15.00
Geraniums, 2½-in., Jno. Doyle, La Favorite, Jean Viaud, S. A. Nutt, Heteranthe, Mme. Salleroi	2.50	25.00
Heliotrope, purple, 4 good sorts, 2½-in.	2.50	
Vinca Variegated, 4-in.	7.00	
Violets, 2½-in., Princess of Wales, California and Luxonne	2.50	20.00
Hardy Pink Hibiscus, Moscheutos, 1-year-old field plants, fine stock	3.00	25.00
Hardy Hibiscus, crimson eye, 1-year-old field plants	2.50	
Ferns, Boston, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Piersoni, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Scottii, 2½-in.	3.00	

ROSES, 150 sorts, 2½-in. and 4-in. Write for prices. Send for our General Trade List of Roses, Carnations, Geraniums, Mums, Miscellaneous Bedding plants, Coleus, Cannas, Hardy Shrubbery and Plants, Palms and Miscellaneous Flowering and Ornamental plants. **Send for it today.**

SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO

Mention The Review when you write.

First-class CARNATION CUTTINGS that will give satisfaction

	Per 1000		Per 1000
R. Craig	$50.00	Mrs. Patten	$15.00
Cardinal	25.00	Mrs. Lawson	15.00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

5 per cent discount for cash with order.

HENRY BAER, R. F. D. 3, **Peoria, Ill.**

Mention The Review when you write.

CARNATION CUTTINGS READY

FINEST, CLEAN, HEALTHY STOCK	100	1000
Robt. Craig, Candace	$5.00	$40.00
Enchantress	2.00	18.00
Crusader	1.75	12.50
Boston Market, Harlowarden	1.50	10.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00

Unrooted cuttings Harlowarden and Boston Market, $5.00 per 1000.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago

Mention The Review when you write.

Roses

Fine three and four-eye cuttings, cool-grown and well rooted.

	Per 100	Per 1000
1500 Bride	$1.50	$12.50
1500 Maid	1.50	12.50
200 Chatenay	1.50	
400 Golden Gate	1.50	

CRABB & HUNTER FLORAL CO.

509-525 Madison Ave., Grand Rapids, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Dreer's Specials for Easter Forcing



We beg to call your special attention to the following plants which can be readily and profitably forced for Easter:

AZALEA MOLLIS

We offer a fine lot of nicely budded plants at $4.50 per doz.; $35.00 per 100.

RHODODENDRONS

Excellent forcing stock in leading varieties—good shaped plants, 20 to 24 inches high, with twelve buds and upwards, at $1.00 each; $11.00 per doz.; $90.00 per 100.

PRIMULA VERIS SUPERBA

The well-known, giant-flowering English Cowslip; easily forced for Easter; sells on sight. Strong plants, $1.00 per doz.; $7.00 per 100.

THE BABY RAMBLER ROSE
MME. NORBERT LEVAVASSEUR

We also offer an exceptionally fine lot of extra strong, dormant, two-year-old. field-grown plants, just the stock to put up now for spring sales, $2.50 per doz., $20.00 per 100.

HENRY A. DREER, Inc.

714 Chestnut St. Philadelphia, Pa.

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000		100	1000
White Perfection	$6.00	$50	The Belle	$2.50	$20
Light Pink Lawson	6.00	50	White Lawson	2.50	20
Glendale	6.00	50	Enchantress	2.50	20
Victory	6.00	50	Mrs. T. Lawson	2.00	15
Robt. Craig	6.00	50	Nelson Fisher	2.50	20
Cardinal	4.00	35	Harry Fenn	2.00	15
Fiancee	3.50	30	Estelle	2.00	15
Lady Bountiful	2.50	20	Boston Market	1.50	12
			White Cloud	1.00	8

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG

Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.

Asparagus Plumosus, 3-in., $5.00; 4-in., $8.00; 6-in., $20.00.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

Carnation Cuttings

A-1 STOCK GUARANTEED

	Per 100	Per 1000
VICTORY	$6.00	$50.00
RED LAWSON	2.50	20.00
WHITE LAWSON	2.50	20.00
PINK LAWSON	3.00	25.00
VAR. LAWSON	1.75	15.00
ENCHANTRESS	2.50	20.00

A. LAUB & SON,

HUGHSONVILLE, Dutchess Co., N. Y.

Bell Phone 19 Y 2 Wappingers.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 1000		Per 1000
Red Lawson	$25.00	Enchantress	$18.00
White Lawson	20.00	Candace	40.00
Pink Lawson	10.00	Robert Craig	45.00
Var. Lawson	25.00	Cardinal	25.00
Fiancee	25 00	Estelle	15.00
Mrs. Patten	20.00	Harlowarden	15.00
Jessica	45.00	Prosperity	15.00
Lady Bountiful	18.00	Boston Market	10.00
My Maryland	30.00		

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

VERBENAS 60 FINEST VARIETIES PERFECTLY HEALTHY

Rooted cuttings, our selection	$0.75 per 100; $6.00 per 1000
Plants, our selection	2.50 per 100; 20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100; 8.00 per 1000
Plants, purchaser's selection	3.00 per 100; 25.00 per 1000

CARNATIONS CHOICE ROOTED CUTTINGS FREE FROM DISEASE

Robt. Craig, scarlet, very productive; **My Maryland,** pure white, good stems; **Cardinal,** scarlet, good flowers; **Jessica,** white, penciled with scarlet, $6.00 per 100; $50.00 per 1000.

Crisis, Lady Bountiful, Enchantress, $3.00 per 100; $25.00 per 1000.

Mrs. M. A. Patten, Judge Hinsdale, Flamingo, Buttercup, $2.50 per 100; $20.00 per 1000.

Mrs. Thomas Lawson, The Queen, $2.00 per 100; $17.50 per 1000.

Golden Beauty, Prosperity, Gov. Roosevelt, Queen Louise, $2.00 per 100; $15 00 per 1000.

Mrs. E. A. Nelson, Dorothy, Wm. Scott, Flora Hill, Ethel Crocker, Eldorado, Mrs. Joost, Portia, $1.50 per 100; $12.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

A. F. J. BAUR. **F. S. SMITH.**

WE are sending out a fine lot of **Carnation Cuttings** and should like to supply you with what you need in that line. Our price list is out and will be mailed to you on receipt of your name and address. Our prices are reasonable and B. & S. cuttings and plants thrive.

We are entirely sold up on young Geranium plants for this season, so don't include any of these in your order.

BAUR & SMITH

38th St. and Senate Ave., INDIANAPOLIS, IND.

Mention The Review when you write.

BALTIMORE.

The Market.

At last the sun has come forth and has brought out considerably more cut flowers. From the appearance of some of the retail windows, which are tastefully arranged, there seems to be a full supply. Business has been fairly good, both wholesale and retail, and cleans up everything. St. Valentine's day was observed in many ways. Many cut flowers were used. Violets had the principal call, hundreds of orders being filled. Many dinners were served and these called for various kinds of decorations. Funeral work seems to stay, a great amount of this kind of work being disposed of daily.

Roses are a little more plentiful. Carnations are doing fairly well, all being disposed of every morning. Violets are enough to meet the demands. The double violet is almost a thing of the past; we depend mostly on the singles. Paper Whites are scarce. Callas still are short of their usual supply. Plenty of freesias can be had, both long and short stems. Sweet peas are not plentiful and sell well. Greens of all kinds can be had.

The market florists are out again with stalls filled with various kinds of plants and the appearance proves that Easter is approaching. The public patronizes them and there is little left to take home.

The demand for gladioli this year exceeds last year and many more will be grown here for market.

Various Notes.

J. O. Strand, Waverly, Md., reports that he has had a good cut of Christmas Pink sweet peas. In one month he cut 4,618.

Monday, February 11, a strike at the Pratt street power-house tied up the street car system and affected business, also the attendance at the meeting of the Gardeners' Club, as the members nearly all depend upon the cars in coming and reaching home and many stayed at home, fearing that they would be held in town.

E. A. Seidewitz had a catchy advertisement in one of the daily papers. It read as follows "Flowers as a valentine, the proper caper."

From present indications there will be a much greater demand for Paper White narcissi this year than last.

J. L. T.

Hartland, N. Y.—J. F. Reed & Son are building a large house.

STOCK FOR SALE.

4-inch Vinca, variegated	per 100,	$5.00
2-inch Vinca, variegated	"	2.00
4-inch Boston Fern	"	10.00
4-inch Piersoni Fern	"	10.00
3-inch S. A. Nutt Geranium	"	3.00
3-inch La Favorite Geranium	"	3.00
2½-inch Red Achyranthes	"	2.50

Cash, please. } **Tipton Floral Co., Tipton, Ind.**

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

Mention The Review when you write.

CARNATIONS

Well Rooted Cuttings, Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
Nelson Fisher	2.50	22.50
LIGHT PINK		
Enchantress	2.50	22.50
VARIEGATED		
Mrs. M. A. Patten	2.50	22.50

WHITE	Per 100	Per 1000
Boston Market	$1.25	$10.00
White Lawson	3.00	25.00
RED		
Robert Craig	6.00	50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES Strong and Well Rooted Cuttings

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Sunrise	3.00	25.00
Uncle John	$1.50	$12.50
Chatenay	1.50	12.50
Ivory	1.50	12.50
Perle	2.00	17.50

ROSE PLANTS FINE PLANTS from 2½-in. pots.

Richmond, Bridesmaid, Uncle John, Chatenay and Ivory, $3.00 per 100; $25.00 per 1000. Liberty and Perle, $4.00 per 100; $35.00 per 100. Sunrise, $5.00 per 100; $40.00 per 1000.

BENCH PLANTS

One-year-old plants from benches, Liberty, Ivory, Perle, ready now, $5.00 per 100; $40.00 per 1000. American Beauty, March delivery, $10.00 per 100; $75.00 per 1000.

Peter Reinberg

51 Wabash Ave., CHICAGO

Mention The Review when you write.

IMPORTANT ANNOUNCEMENT

To Florists and Gardeners

Our Wholesale Catalogue for 1907

has been revised and many important tables included.

This Valuable Book Has Now Been Mailed Only to Our Customers

of 1903, 1904, 1905, 1906.
If interested, send for a copy.

NATHAN SMITH & SON, ADRIAN, MICH.

Mention The Review when you write.

Ferns From Bench

Tarrytown, 2½-in., 4c; 3-in., 10c; 4-in., 15c; runners, $1.50 per 100.

Salvia Splendens, Bonfire, 2-in., 2c.

Rooted Cuttings, Prepaid per 100.

Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds, $1.00. Paris Daisy, giant white, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds, 50c. Flowering Begonias, 8 kinds, $1.25. Rex Begonias, 20 kinds, mixed, $1.25. Parlor Ivy, 75c. Mums—Tranter, Alliance, Weeks, Enguehard, Pacific, P. Rose, Golden Age, $1.25. Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

Mention The Review when you write.

FUCHSIAS

Little Beauty, strong, 2¼-in., $4.00 per 100. Ready now.

COLEUS

10 varieties, including Verschaffeltii and Golden Bedder. Absolutely free from mealy bug. Ready now. 2-inch, $2.50 per 100.

Cash with order.

Lakeside Greenhouses, Erie, Pa.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER
1101 Fifth Ave. PEORIA, ILL.
Formerly Cation Greenhouse Co.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the **QUEEN** of all pink roses.
Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Wittbold FLORIST

Wholesale Price List

Palms and Ferns

Variety	Size	Each	Dozen	100
Areca Lutescens	4		$3.00	
" "	6	$1 50		
Assorted Ferns for ferneries				$3.00
Asparagus Plumosus	2		.50	3.00
" "	3		.75	
" "	4		1.50	12.00
" "	6		3.00	
" "	6		4.20	
Asparagus Sprengeri	2			3.00
" "	3			7.00
" "	4		1.25	
" "	5		2.00	
Boxwood	7	.50		
" Standards, 4 ft.		4.00		
" Pyramids, 4 ft.		4.00		
Cibotium Schiedei	6	1.00		
Cocos, 3 in a pot	4	75c-$1.00		
Dracaena Indivisa	8			5 00
" "	6		6.00	
" " 30-34 high	7	.75	9.00	
" "	8		12.00	
Dracaena Terminalis	3		2.00	
" "	6	.75		
" "	4	.25	3.00	
Ficus Elastica	5	.35	4.00	

Kentia Belmoreana, 3-in., 12-14 inches high, 5-6 leaves. $2 00 per doz

Kentia Belmoreana, 7-in., 32-40 inches high, 6-7 leaves, $2.50 each.

Kentia Forsteriana, 6-in., 30-36 inches high, 6-7 leaves, $1.50 each.

Kentia Forsteriana, 7-in., 32-40 inches high, 5-7 leaves, $2.50 each.

Kentia Forsteriana, 8-in., strong, 48-50 inches high, 6-7 leaves, $3.50 each.

Latania Borbonica, 5-in	doz.	$5.00
" " 7-in	doz.	12.00
Nephrolepis Bostoniensis, 4-in	doz.	1.50
" " 5-in	doz.	3.00
" " 6-in	doz.	4.20
" " 6-in., strong	doz.	6.00
" " 7-in	doz.	9.00
" " larger specimens, $1.50, $2.00 and $3.00 each.		
Nephrolepis Elegantissima, 6-in	doz.	6.00
Nephrolepis Elegantissima, 7-in	doz.	9.00
Pteris Wimsetti, 4-in	doz.	1.25
Phoenix Canariensis, 9-in., fine bushy specimens, $3 00 each	doz.	36.00
Phoenix Reclinata, 4-in	doz.	3.00
" " 5-in	doz.	5 00
Pandanus Utilus, 5-in	doz.	5.00
" " 6-in	doz.	6 00

The Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO

Mention The Review when you write.

NEW DOUBLE PETUNIA

THE QUEEN

a wonderful bloomer; flowers from four to four and one-half inches in diameter; white mingled with purple, nicely fringed; an early bloomer; fine seller for Decoration Day; planted outdoors will bloom all summer. Strong plants, ready now, $1.50 per doz.; $10.00 per 100; $90.00 per 1000.

THE YATES FLORAL CO.

Joseph Traudt, Prop. Canajoharie, N. Y.

Scranton Florist Supply Co.

SCRANTON, PA.

Mention The Review when you write.

Nephrolepis

Whitmani, 2¼-in.....$10.00 per 100

Boston, 2¼-in..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

Always mention the Florists' Review when writing advertisers.

Dreer's Superb Double Petunias



For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer fifteen distinct varieties.

3-inch pots.....75c per doz.; $6.00 per 100; the set of 15 for $1.00.
2¼-inch pots.... ...60c per doz.; 4.00 per 100; the set of 15 for .75.

Seed of Our Superb Strain of Fringed Petunias. Double, 75c per 500 seeds; $1.50 per 1000 seeds. Single, 50c per trade packet. Our Quarterly Wholesale List offers a full line of seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.

Mention The Review when you write.

SEASONABLE STOCK

CANNAS—**Alsace, Austria, Charles Henderson, David Harum, Duke of Marlborough, Italia, Mlle. Berat, Shenandoah, $2.00 per 100; $17.00 per 1000. Beaute Poitevine, Crimson Bedder, Egandale, Florence Vaughan, Queen Charlotte, Souv. de Antoine Crozy, $3.00 per 100; $25.00 per 1000.** (See Catalogue No. 5 for complete list.)

AZALEA MOLLIS—Grand for forcing, bushy and full of buds; 12 to 15 in. high, $25.00 per 100; 15 to 18 in. high, $35.00 per 100.

RHODODENDRON—Bushy, bright foliage, full of buds. Forcing varieties. 18 to 20 in. high, $9.00 per doz.; 20 to 24 in. high, $12.00 per doz.

TUBEROUS-ROOTED BEGONIAS—White, pink, scarlet, crimson and yellow single flowered, $2.50 per 100; double flowered, $4.50 per 100.

GLOXINIA BULBS—Separate colors, white, red, violet, violet bordered white, and red bordered white, $4.00 per 100.

The Storrs & Harrison Co.

PAINESVILLE, OHIO.

Mention The Review when you write.

ALTERNANTHERAS

Strong rooted cuttings; red and yellow, 50c per 100; $4.00 per 1000.

BRILLIANTISSIMA (the best red), 60c per 100; $5.00 per 1000.

DAVIS BROS., — Morrison, Ill.

Mention The Review when you write.

WE ARE BOOKING ORDERS FOR

NEPHROLEPIS AMERPOHLII

THE SENSATIONAL NEW FERN

Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.

Mention The Review when you write.

We are Headquarters for

Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.

Mention The Review when you write.

KANSAS CITY.

The Market.

Stock has been scarce and there has not been near enough to supply the demand. Trade on Valentine's day was good. Plants in pots and pans found ready sale. Narcissi and daffodils were in the lead. Azaleas went slowly and seemed out of date; people are getting tired of them. This market does not seem to be good on azaleas after January.

There was a great demand for red flowers. Any one having red carnations had no trouble in disposing of them; in fact the market was cleaned up the day before, as orders were booked in advance. The man who can produce a red carnation that will bloom as freely as the Lawson would have a little gold mine of his own.

Violets were plentiful and prices remained high, but the flowers were good. There was quite a call for violets, also several calls for violets in pots on Valentine's day.

Various Notes.

George M. Kellogg is shipping in some good Enchantress carnations.

Anderson & Hammarlund are cutting some choice Flamingo carnations. They claim that The Queen carnation is the best for white, and it shows up good on their benches. Their bench of Lawsons is a fine sight.

Charles Laundy's carnations are looking fine considering the cloudy weather this city has had to contend with the last five or six weeks.

W. H. Humfeld is out again after three weeks of sickness with the grip.

Visitors for the last two weeks were: A. F. Longren, of the Chicago Carnation Co.; E. C. Pruner, with the E. F. Winterson Co.; Martin Reukauf, of H. Bayersdorfer & Co., and F. J. Farney, of the A. L. Randall Co., and all report business as good all over the country.

W. H. H.

The erection of a ten-story building between Ninth and Tenth streets on Walnut street has been delayed by a florist named James Papadakos, who rents a small building on the site of the proposed new building. He refuses to move and the matter is now in the courts.

READING, PA.—Fire from an overheated furnace did a slight damage at the greenhouse of I. H. Anderson February 10.

CACTUS GERANIUMS

A very unique and strikingly beautiful distinct type which, originating in England but a few years ago, at once won a place in great popular favor as a pot plant, for the conservatory and window boxes, for which they are unusually pleasing and attractive, on account of their remarkably handsome and thrifty but dwarf growth, small foliage, and marvelous profusion of bloom.

The Cactus has by common consent been recognized as a distinctive term applied to certain type of Dahlias, Cinerarias, etc., but none deserve the appellation more so than the Cactus Geranium, with its admirable elegance of form, exquisite, graceful, narrow petals, similar to those of the Cactus Dahlia.

We offer a collection of four varieties, and to introduce them into every collection, we will for a short time send one dozen by mail postpaid for $1.50.

PELARGONIUM PELTATO ZONAL

Alliance, (Lemoine 1905)

An exquisitely beautiful novelty of the highest order. A hybrid between an Ivy and a Zonal, and which has retained all the good points of both parents, including the beautiful soft finish of the Ivy and the hardy constitution of the Zonal.

It is therefore, not an ordinary variety but an extraordinary variety in all the good points that go to make up an attractive Geranium. Its color is the most exquisite shade of delicate lilac white, upper petals feathered and blotched beautiful bright crimson rose. Flowers semi-double, abundantly produced in fine large trusses on long stems.

Habit is excellent, robust, strong, close jointed; for vases or as a pot plant it is unequalled.

25c each; $2.50 per doz.; to introduce we will send postpaid for a short time.

IVY-LEAVED GERANIUM

Caesar Franck, (Lemoine 1905)

This is unquestionably destined to become the most popular Ivy Geranium yet introduced; the color is the most magnificent shade of soft crimson, with an exquisite shading of tender rose at the base of the petals. The flowers are about as double as the Crimson Rambler Rose, which they resemble, only much richer in color and finish, produced on long stems in enormous trusses. Habit, vigorous, quick growing and pleasing with a strong constitution. For baskets and vases it is all that could be desired.

Considering its general good behavior, being in keeping with its other good points, we are convinced that it is a most desirable sort.

25c each; $2.50 per doz.; to introduce it everywhere we will send postpaid for a short time.

R. VINCENT, Jr., & SON, White Marsh, Md.

Mention The Review when you write.

McKINLEY MEMORIA

A beautiful Cactus Dahlia, imported from France, and named in memory of our Martyred President. This variety is one of the finest of recent introductions and should be in every collection.

WATCH MY AD. each week for named varieties of **Dahlia Novelties** from all parts of the world. Send for a copy of my Pocket Catalogue and Dahlia Guide for 1907.

EDWIN S. MANUEL,

DAHLIA SPECIALIST, 19 Walnut St., NEWPORT, R. I.

Mention The Review when you write.

Vinca Var.

Strong 4-in. pots, ready for 5-in., $6.00 per 100.

Bronze Galax Extra selected, $1.00 per 1000.

Cash with order.

J. J. ARNOLD, HOMER, N. Y.

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VERBENA KING

Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

70,000 Alternanthera Brilliantissima, red and yellow. September struck, very strong, 60c per 100; $5.00 per 1000.

Salvias, $1 00 per 100; $8.00 per 1000.

Heliotropes, $1.00 per 100; $8.00 per 1000.

Coleus, 70c per 100; $6.00 per 1000.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000.

White Daisy, California, $1.00 per 100; $8.00 per 1000.

Chrysanthemums, rooted cuttings, $1.25 per 100; $10 00 per 1000. Send for list.

Double Giant Sweet Alyssum, $1.00 per 100; $8.00 per 1000.

Cupheas, cigar plant, $1.00 per 100; $8.00 per 1000. (Express prepaid on all rooted cuttings.)

C. HUMFELD, Clay Center, Kan.

Mention The Review when you write.

Ageratum

Little Blue Star, a new dwarf. R. C., 75c; 2¼-in., $2.00 per 100.

Alternantheras, in best four varieties. Can supply in 1000 and 10 000 lots.

Asparagus Plumosus, 2¼, 3 and 4-in., $3.00, $6 00 and $9.00 per 100.

Asparagus Sprengeri, 2¼, 3 and 4-in., $2.00, $4.00 and $8.00. Special prices in on 1000 lots.

Cannas—150 000 in the 50 best varieties. Descriptive list now ready.

Perennial Plants—50,000 field and pot-grown. Descriptive list now ready.

The MOSBAEK GREENHOUSE CO.

ONARGA, ILL.

Mention The Review when you write.

List of Seasonable Stock

OFFERED BY

D. U. AUGSPURGER & SONS

Box 778, Peoria, Ill.

	100	1000
Boston Ferns, all sizes. Write for prices on large or small quantities.		
Piersoni Ferns, 2½-in.	$4.00	
Plumosus, 3-in.	7.00	
Sprengeri, 2-in.	2.50	$25.00
Feverfew, 2-inch	2.50	
Vinca Var., 2-inch	3.00	25.00
Lemon Verbena, 3-inch	6.50	
Coleus, rooted cuttings, red and yellow	1.00	7.50
Geraniums, 3-inch, in dark red, scarlet, etc. for March delivery	6.00	55.00

Hydrangeas for Easter blooming in 6, 8 and 9-inch pots, fine plants. Write for our prices.

All above stock is clean and well grown.

SATISFACTION GUARANTEED.

Mention The Review when you write.

Wholesale Trade List

Asparagus Plumosus, 2½-in. pots, $5.00 per 100.
Asparagus Sprengeri, 2-in. pots, $2.00 per 100.
Clematis Paniculata, 4-in. pots, $1.50 per doz., $10.00 per 100; 3-in. pots, 75c per doz.; $5.00 per 100.
Yellow Daisy, Etoile d'Or, 3-in. pots, $5.00 per 100.
Yellow Daisy, Etoile d'Or, 2½-in. pots, $3.00 per 100.
Dracaena Indivisa, 5-in. pots, $2.00 doz.
Boston Ferns, 6-in. pots, 25c.
Geraniums, best varieties, strong plants, 3-in. pots, $4.00 per 100.
Geraniums, rooted cuttings from soil, $2.00 per 100.
Ivy, Hardy English, 4-in. pots, $1.50 per doz., $10.00 per 100.
Sansevierias, strong, 4-in. pots, $1.50 per doz.
Rooted Cuttings, dark blue heliotropes, Salvia Bonfire, Fuchsia Elm City, blue and white Ageratum, $1.00 per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

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SPIRAEA for EASTER FORCING

If you have not all the Spiraea that you want for Easter and Decoration Day, we still have a few thousand fine clumps left, which we offer as long as unsold as follows:

GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

COMPACTA MULTIFLORA. Strong clumps, $6.00 per 100. **JAPONICA.** Strong clumps, $5.00 per 100.

Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

NARCISSUS

DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

PRINCEPS. A few thousand extra sized bulbs. 75c per 100; $6.50 per 1000.

SINGLE VON SION. $1.25 per 100; $10.00 per 1000.

GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
RUBRA. Red.....60c per 100; $5.00 per 1000

TULIPS

COTTAGE MAID. The best pink for late forcing. $1.00 per 100; $8.00 per 1000.

KEIZERSKROON, (Grand Duc.) The favorite forcing variety. $1.75 per 100; $15.00 per 1000.

LILY OF THE VALLEY

PIERSON'S PREMIER. Best select Berlin for earliest forcing. $1.50 per 100; $13.00 per 1000. Case of 2000 for $24.00.

If you can use any of the stock offered, let us have your order quickly.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

The Wide Awake Florist

will write at once for our catalog of **ROSES, SHRUBS and all kinds of plants for Florists' use.** Write today, it's free. We have one order for this Spring's shipment of five hundred and eighty-five thousand Rose Plants and we can still fill your orders.

THE GOOD & REESE CO.
The Largest Rose Growers in the World
SPRINGFIELD, OHIO

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DAHLIAS...

15 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, Oban, Queen Victoria, Admiral Dewey, Gloriosa, Frank Smith, Orange King, Catharine Duer, Maid of Kent, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per 100; $45.00 per 1000.

THE DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

NEW SINGLE GERANIUM

SYCAMORE.

Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

St. Clair Floral Co., - Belleville, Ill.

Mention The Review when you write.

NEPHROLEPIS WHITMANI,

Strong plants, from 2¼-in. pots, $10.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2¼-in. pots, $5.00 per 100.

P. R. QUINLAN, Syracuse, N. Y.

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Always Mention the....
Florists' Review
When Writing Advertisers.

AZALEAS

I have a large quantity of well budded and shapely plants.

12 to 14-inch, $0.50 each.
14 to 16 inch, .75 each.
16 to 18-inch, 1.00 each.

Boston Ferns

3-inch, $5.00 per 100; $40.00 per 1000.

C. Whitton CITY ST. UTICA, N. Y.

Mention The Review when you write.

BOSTON FERNS

5-inch, $2.50 per doz. 3-inch, $7.00 per 100.

CANNAS, dormant, with two or three eyes, Alphonse Bouvier, Florence Vaughan, Peter Henderson, Beaute Poitevine, Martha Washington, Mme. Crozy, Queen Charlotte, $2.25 per 100.

Rooted cuttings of **IVY GERANIUM,** mixed, $1.50 per 100.

STEVIA, stock plants, 75c per doz.; $4.00 per 100.

Cash with order.

CONVERSE GREENHOUSES, Webster, Mass.

Mention The Review when you write.

Canna Roots

1 to 2 eye pieces, per 100, $2.50.

Souv. Crozy, Pennsylvania, Tarrytown, Egandale, Marlboro, McKinley, Trelease, Italia, $15.00 per 100, Louisiana, King Humbert, Papa Nardy, Rubin.

C. M. NIUFFER, Springfield, Ohio

Mention The Review when you write.

BAY TREES, PALMS

Buxus, Azalea Indica, Rhododendrons, Evergreens, Herbaceous Plants, Roses, Trained Fruit Trees, Greenhouse Grape Vines.

Ask for catalogue.

BOBBINK & ATKINS, Rutherford, N. J.

Mention The Review when you write.

Special For EASTER

We have some fine plants of **Hydrangeas,** that will bloom. 1-year-old, 7-in pots, 60c to 75c; 2-year-old, 8-in pots, $1.00 to $1.25; 3-year-old, 9-in. pots, $1.25 to $1.50, if taken at once. **Azaleas,** 60c, 75c and $1.00, for immediate sales. Ask for our Fern, Mum, Carnation and Miscellaneous lists.

GEO. A. KUHL, Pekin, Ill.

..ORCHIDS..

Importations 1907

Get quotations from us on them — we save you money. Cattleya Mossiae, Gigas, Trianae, Labiata, Schroederae, Vanda Coerulea, Dendrobium Wardianum and Nobile. Write today.

JULIUS ROEHRS CO.
The largest Orchid Growers and Importers in the United States.
Rutherford, N. J.

Mention The Review when you write.

ORCHIDS

Now is the time to place your order for freshly imported Orchids delivered next spring. Our facilities for handling large consignments are second to none. Prices are very low, quality considered, fine stock of established Orchids on hand.

CARRILLO & BALDWIN, Secaucus, N. J.

ORCHIDS

Arrived in fine condition: Cattleya Harrisoniae, C. Intermedia, C. Gigas, C. Trianae, C. Speciosissima, C. Leopoldii, Laelia Purpurata, Oncidium Varicosum Rogersii, O Marshallianum, Phalaenopsis Amabilis, P. Schilleriana.

Lager & Hurrell Growers & Importers **Summit, N. J.**

ORCHIDS Direct from the Collectors

For Spring and Summer Delivery.

We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids., Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

A. HELD, 11-19 William St., NEW YORK

Mention The Review when you write.

Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

JAMES CRAWSHAW, 403 Plainfield St. **PROVIDENCE, R. I.**

Always Mention the
FLORISTS' REVIEW
When Writing Advertisers

INDIANAPOLIS.

Current Comment.

Trade for the last week has been extra good, St. Valentine's day being a big factor. All the store men report a rushing business on that occasion; in fact, some class it with Christmas day. The business will stand a few of these days mixed in; they constitute the sugar plums. The weather man is doing better and altogether the world looks considerably brighter.

William Dow, of the Belleview greenhouses, is studying for the medical profession.

Irwin Bertermann has a seedling carnation he is justly proud of. It is a good, bright pink with a fine stem and calyx, something on the Imperial order. It is the result of a cross between Prosperity and Enchantress.

The Bash Seed Co. is putting in a full line of florists' supplies and aims to keep it up-to-date, something that was needed in this city.

Baur & Smith have had fine success in disposing of their 2-inch geraniums. They went like hot cakes. Advertising does it. Next year this firm will be strictly in it when it comes to 2-inch geraniums. They could have sold thousands more if they had had them.

Theodore Dorner, of Lafayette, has become a member of the State Florists' Association. S.

SYRACUSE, N. Y.—Practical jokers have been using the telephone for malicious mischief, such as giving Henry Morris fictitious orders for flowers to be delivered at the homes of well-known people and charged.

A Grand Fern Novelty

We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

WM. P. CRAIG

1305 Filbert Street, PHILADELPHIA

Mention The Review when you write.

NOTICE

To all American Nurserymen and Seedsmen desiring to keep in touch with commercial horticulture in England and the Continent of Europe. Your best means of doing this is to take in the

Horticultural Advertiser

Our circulation covers the whole trade in Great Britain and the cream of the European firms.

Impartial reports of all novelties, etc. Paper free on receipt of 75 cents, covering cost of postage yearly.

A. & C. PEARSON

Lowdham, Nottingham, England

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Nephrolepis WHITMANI

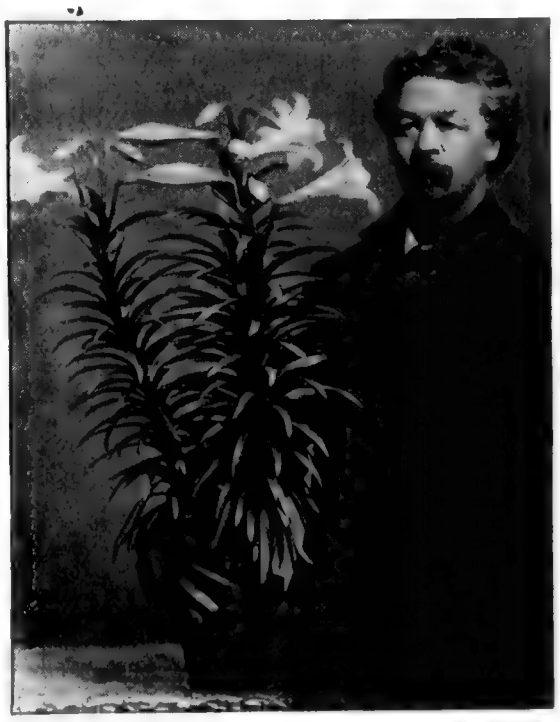
Young plants from bench.

$6.00 per 100.

DAVIS BROS., MORRISON, ILL.

Mention The Review when you write.

PREPARE FOR EASTER



An immense stock of choice Easter plants, blooming Easter week, or earlier if desired, are now ready for immediate shipment. Come or mail your order direct to the headquarters. Our reputation over the entire country from the Atlantic to the Pacific in growing Easter stuff for the wholesale market for many years past ought to be sufficient guarantee as to the truth of what we say and advertise. We have every house, nook and corner full of plants and they were never so fine as this year, 1907. While laborers, merchants, jobbers, contractors, builders, etc., have increased their prices almost double as usual, we have not advanced our prices; but look, we sell our plants at the same old prices charged two or three years ago when the cost of producing plants was much cheaper.

What was my duty on my trip to Ghent, Belgium (the land of azaleas, araucarias and palms), last fall, 1906? Answer: Of course, the interests of my customers, not speaking of the 1100 souvenir cards which I mailed to my customers in America. For the benefit of my customers I also bought Azalea Indica for Easter trade, the cream of Belgium's production that money could buy.

Now I am able to offer to my customers, and the trade in general, two houses full of Mme. Vander Cruysen azaleas, the well known and much favored best double pink azalea that has given so much satisfaction all over America. Plants as round as an apple, just covered with buds, 6-in. pots, at 60c, 75c, $1.00, $1.25, $1.50, $1.75 and $2.00 each. Other fine varieties adapted for American markets, such as Niobe, Benard, Andre Alba, Deutsche Perle (double white), Prof. Wolters, Empress of India, Vervæneana (double variegated), and about eight more fine sorts, all covered with buds, price 75c, $1.00, $1.25, $1.50, $1.75 and $2.00 each. We have a fine limited quantity of azaleas, 50c to 60c each, such as Apollo (double dark scarlet), Deutsche Perle, Simon Mardner, and a few others.

Hydrangea Otaksa (pink), 6 to 7-in. pots, 40c, 50c, 75c to $1.00 each; also $1.25 and $1.50 each.

Lilium Multiflorum and **Japanese Longiflorum** were never so fine as this year, all sizes, and can meet all wants, 6-in. pots, 5 to 8 buds to a plant, 10c per bud, 4 buds and under, 12c per bud.

Spiraea Gladstone, 6 to 7-in. pots, these plants are very large and bushy and unusually fine, full of buds, at 50c, 75c and $1.00 each.

Cineraria Hybrida, have a house full all shades, 5, 5½ to 6-in. pots, $2.50, $3.00, $4.00 to $5.00 per doz.

Crimson Rambler Roses, 3 feet high and over, $1.00, $1.25, $1.50, $1.75 to $2.00 each.

Begonia, new improved Erfordii, an immense bloomer, blooming the entire summer and winter, 5¼-in. pots, $3.00 per doz.; 4-in. pots, $1.80 per doz.

Primula Obconica, 5¼-in. pots, $2.50 per doz.; 4-in. pots, $1.80 per doz.

White Daisies (Queen Alexandra and Marguerites) 5¼ to 5½-in. pots, $2.50 per doz.

Areca Sapida (palms), 6-in. pots, 50c each.

Dracaena Bruanti, 6-in. pots, 50c each.

Ferns, Nephrolepis Barrowsii, 6-in. pots, 50c to 75c each.

Scottii, 8-in. pots, very large, $1.50 each; 5-in. pots, 35c each.

Boston Ferns, 7-in. pots, 75c; 6-in. pots, 40c to 50c each; 5-in. pots, 25c to 30c each.

Holly Ferns, 3-in. pots, $1.20 per doz.

Kentia Forsteriana, 7-in. pots, made-up, one large plant in center, 3 small around. $1.50 to $1.75 each. Single plants, 36, 45 to 50 inches high, $1.00, $1.25 to $1.50 each.

Araucaria Compacta Robusta, five years old, 7-in. pots, 25 to 30 inches high, 4 to 5 tiers, width the same as height, very swell stuff, $1.75, $2.00 to $2.50 each.

Araucaria Excelsa Glauca, 4 years old, 4 tiers, 20 inches high, $1.00, $1.25 to $1.50 each. Specimen Glauca, 7-in. pots, 5 years old, 5 tiers, 30 to 35 inches high, $3.00 each.

Araucaria Excelsa, 4 years old, 6-in. pots, 20 to 25 inches high, 5, 6 to 7 tiers, $1.00, $1.25, $1.50 each.

Hyacinths, raised from first-class bulbs of my own importation. King of the Blues, Lavender (blue), Gertrude (best pink), La Grandesse (white), 4-in. pots, $12.00 per 100.

Tournesol Tulips, red and yellow variegated, the best selling Tulips on the market. Will stay in bloom 10 days. 3 bulbs planted in a 4-in. pot, $12.00 per 100 or $1.50 per doz.

Double Von Sion Daffodils, the best double yellow narcissus in the world, will sell on sight. 3 double-nosed bulbs planted in 5, 5½ and 6-in. pots, $2.50 to $3.00 per doz. pots. All bulbs are strictly first-class, of my own importation and are now outside in coldframe and will bloom in about two weeks after bringing in greenhouse.

Have about 200 pots **Von Sion Daffodils,** 5¼-in. pots, 3 plants in a pot, in greenhouse now, in bud ready to open for immediate sale at $2.00 per doz. This is a special offer, only good for a few weeks.

Moonvines, Ipomaea Noctiflora (A. W. Smith, originator), best pure white, largest and most fragrant moonvine in the world. I made a specialty of them for the past 15 years and am known as the Moonvine Grower of America and grow yearly about 20,000. In 2½-in. pots, $5.00 per 100. Now ready.

Directions to visit my place: Take Germantown or Willow Grove car at 13th and Market Sts. to Ontario St., or 8th and Market St., and take Germantown, Chestnut Hill or Willow Grove car to Ontario St. In going either route you walk two squares east on Ontario St. Mention if pots are wanted with all plants. Cash with order please. All goods must travel on purchaser's risk.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants, 1012 ONTARIO ST., PHILADELPHIA, PA.

Mention The Review when you write.

ROOTED CUTTINGS, Per 100, Prepaid

Ageratum, Gurney and Pauline, 60c. **Alternantheras,** best red and yellow, 50c. **Heliotrope,** blue 85c. **Verbenas,** mixed, 60c. **Hardy Pinks,** red, 75c.

Seedlings, ready to pot from Dreer's best seed. **Verbena,** Mammoth, mixed, 35c per 100, prepaid. **Salvia** Splendens, 35c per 100, prepaid. Cash.

SHIPPENSBURG FLORAL CO., Shippensburg, Pa.

Mention The Review when you write.

CANNAS

	Per 100
10 varieties, dry bulbs, my selection	$2.00
Geraniums, 10 var., my selection, 2-2½-in.	3.00
Asp. Plumosus and Sprengeri, 2-in.	1.75

—CASH—

JOSEPH H. CUNNINGHAM, Delaware, Ohio

Mention The Review when you write.

CARNATIONS

30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market	$1.50	$12.50
Enchantress	2.00	18.00	Lawson	1.50	12.50
Queen Louise				1.00	9.00

BOSTON FERNS

from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....

Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

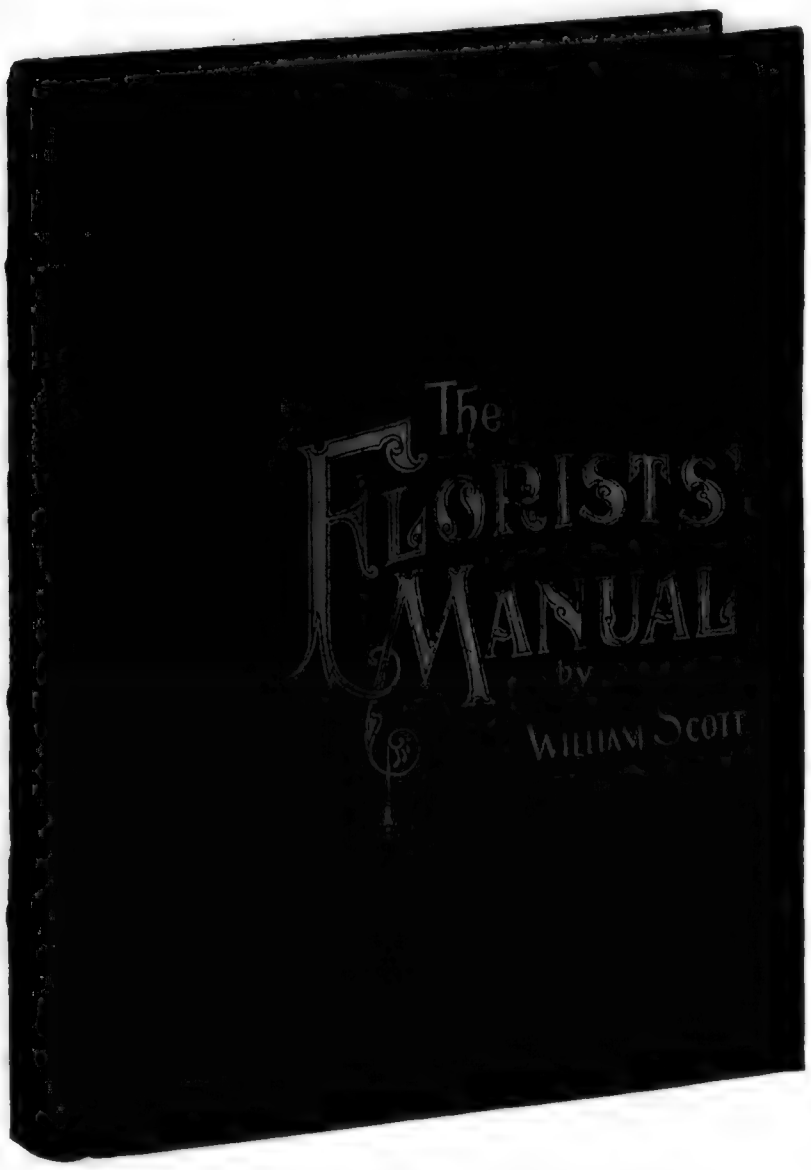
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Rex begonias, 4-in., for stock only, $5.00 per 100. 200 Louise Closson, 2½-in., fine, $5.00 per 100. Cash.
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Jerusalem cherries, 75 4-in. plants, 5c each, if taken immediately. Cash.
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Bulbs.	100	1000
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Pancratium, spider lily, 12-15 cm..	3.00	20.00
Tigridias, mixed, 7-9 cm.....	2.00	12.00
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Price includes carriage paid.
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Write for wholesale prices on all bulbs and plants.

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Cacti. My choice 25 varieties, $2.50; 50 varieties, $5.00. Succulent plants, my choice, 50 varieties, $3.00. This offer good until April 1. Charges prepaid. Cash with order. A. G. Greiner, 4419 Natural Bridge Road, St. Louis, Mo.

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Cannas, 500,000 plump, sound roots, no culls, true to name, 2 to 3 eyes and more, all the leading kinds, $7.50 per 1000, and upwards. Write for list and price before you buy elsewhere.
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Cannas. Kate Gray, Florence Vaughan, Burbank, J. C. Vaughan, Robusta, 2c. Souv. de Antoine Crozy, West Virginia, 2½c. Egandale, 3c. Black Beauty, 5c. All fine, solid bulbs.
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New cannas, Wm. Saunders, Ottawa and New York, 50c ea.; $5.00 doz.; $35.00 100.
Conard & Jones Co., West Grove, Pa.

350,000
CANNAS
TRUE TO NAME.
Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

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A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
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Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Exploratour Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000

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L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000

ORANGE CANNAS.

Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000
J. D. Cabos, 4½ ft.	2.00 100;	17.50 1000
Pres. Cleveland, 4 ft.	3.00 100;	27.50 1000
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Buttercup, 3½ ft.	$5.50 100;	$50.00 1000
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L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000

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Black Beauty, 5 ft.	$6.00 100;	$50.00 1000
David Harum, 3½ ft.	3.25 100;	30.00 1000
Egandale, 4 ft.	3.25 100;	30.00 1000
Grand Rouge, 8 ft.	1.75 100;	15.00 1000
Musafolia, 8 ft.	2.75 100;	25.00 1000
Robusta, 6 to 8 ft.	1.75 100;	15.00 1000
Shenandoah, 6 ft.	2.25 100;	18.00 1000

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Alemannia, 4 ft. 35c doz.;	$2.25 100;	$18.00 1000
Austria, 5 ft. 30c doz.;	1.75 100;	15.00 1000
Italia, 4½ ft.	2.25 100;	18.00 1000
King Humbert, 4 ft., $2.00 doz.	15.00 100	
Kronus, 5 ft.	2.75 100;	25.00 1000
Mrs. Kate Gray, 6 ft.	2.75 100;	25.00 1000
Pennsylvania, 5 ft.	2.25 100;	20.00 1000

For full description of above and fifty other varieties of cannas, see catalogue, mailed free.

ELEPHANT'S EARS.
Caladium Esculentum.
All sound and with eyes.

	100	1000
6- 8 inches in circumference	$1.50	$10.00
8-10 inches in circumference	3.50	30.00
10-12 inches in circumference	5.50	50.00
12 inches and up in circumference	10.00	90.00

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Cannas. Meyers, Robusta, Pennsylvania, Lou Ray, W. Grove, Mlle. Berat, Louise, Betsy Ross, Burbank, $1.50 per 100; $12.00 per 1000; 500 at 1000 rate.
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Cannas. West Virginia (gold medal St. Louis), $2.50 per 100; Bouvier, $1.50 per 100; Italia, $1.25 per 100.
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Cannas. 10,000 Louisiana, $5.00 per 100; $45.00 per 1000. Good bulbs. My express office is on main line.
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Canna bulbs. Henderson, Austria and Leonard Vaughan, $2.00 per 100.
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Cannas. Louisiana and Mont Blanc, $1.00 per doz., by mail, postpaid.
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Cannas. See display adv. for price.
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Cannas, 2 to 3 eyes, dry roots, 2½c.
M. M. Lathrop, Cortland, N. Y.

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Carex japonica, 2½-in., $2.50 100.
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Carnations, cool-grown, well-rooted cuttings, for immediate or later delivery.
White Perfection, grandest of all, $5.50 100; $50.00 1000.
Bountiful, $2.75 100; $25.00 1000.
Nelson Fisher, $2.25 100; $20.00 1000.
Mrs. T. W. Lawson, $1.75 100; $15.00 1000.
Boston Market, $1.35 100; $12.00 1000.
Special attention is called to the variety White Perfection. We offer the true sort, and quality of cuttings can not be beat. You will want this. Book order now. Quality guaranteed. If you don't like them, we pay express both ways.
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WELL-ROOTED CARNATION CUTTINGS
READY NOW.

Mrs. T. W. Lawson	$2.00 per 100;	$25.00 per 1000
Guardian Angel	1.50 per 100;	10.00 per 1000
Enchantress	2.50 per 100;	20.00 per 1000
Lieut. Peary	3.00 per 100;	25.00 per 1000
Boston Market	1.50 per 100;	11.00 per 1000
White Cloud	1.25 per 100;	10.00 per 1000
Fred Burki	2.50 per 100;	20.00 per 1000
Harlowarden	2.00 per 100;	15.00 per 1000
Chicago	1.50 per 100;	12.50 per 1000
Estelle	2.00 per 100;	15.00 per 1000
Red sport of Maceo	2.00 per 100;	15.00 per 1000

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Rooted carnation cuttings. Satisfaction guaranteed.

Rose-pink Enchantress	$7.00 100;	$60.00 1000
Daybreak Lawson or Melody	6.00 100;	50.00 1000
Victory	6.00 100;	50.00 1000
Craig	5.00 100;	40.00 1000
Lieut. Peary	3.00 100;	25.00 1000
White Lawson	3.00 100;	25.00 1000
Enchantress	3.00 100;	25.00 1000
Lawson	2.00 100;	17.50 1000
Boston Market	2.00 100;	17.50 1000

A. C. Canfield, Springfield, Ill.

Carnations, strong, healthy, well rooted.

	Per 100	Per 1000	Pots
White Perfection	$6.00	$50.00	$6.50
White Lawson	3.00	25.00	3.50
Bountiful	3.00	25.00	3.50
Cardinal	2.50	22.50	3.00
Enchantress	2.50	22.50	3.00
Lawson	2.00	15.00	2.50
Harlowarden	2.00	15.00	2.50
Boston Market	1.50	12.50	2.00

Cash with order. Satisfaction guaranteed.
Smith & Gannett, Geneva, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
Bountiful	$2.00	$15	Lawson	$1.50	$12.50
W. Lawson.	2.00	15	Queen	1.50	12.50
Enchantress.	2.00	15	Victory	5.00	....
Ethel Ward.	2.00	15	R. Craig	5.00	....
R. Lawson.	2.00	15	P. Patten.	4.00	....
H. Fenn	2.00	15	H. Goddard	4.00	....

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The new perpetual-flowering carnation, BRITANNIA, the most profitable carnation in cultivation. Color, clear scarlet; blooms of good size, never splits, on long stiff stems. See "American Sorts in England," page 704, Jan. 24th issue Florists' Review. Strong plants, £5 per 100. Cash with order. Please remit by international postoffice order.
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Rooted carnation cuttings, now ready.

	100	1000		100	1000
Aristocrat	$12	.....	N. Fisher.	$2.00	$18.00
R. Craig	5	$40.00	P. Lawson	1.25	10.00
Cardinal	3	.....	Q. Louise.	1.25	10.00
Enchantress.	2	17.50	Harlow'n.	1.50	12.50

Every cutting guaranteed. Cash or C. O. D., subject to examination.
Andrew Peterson, Hoopeston, Ill.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress.	$2.50	$20	Patten	$2.00	$15
W. Lawson.	2.50	20	L. Peary	2.50	20
Daybreak			Cardinal	3.00	25
Lawson	5.00	40	Estelle	2.00	15
T. W. Law'n	2.00	15	Market	1.50	12
The Belle	2.50	20			

Bell Miller, Springfield, Ill.

Carnation cuttings.

	100	1000		100	1000
B. Market.	$2.00	$15	The Belle	$2.50	$20
Lorna	2.00	15	Bountiful	2.50	20
Prosperity	2.50	20	N. Fisher	2.50	20
Enchantress.	2.50	20	R. Craig	6.00	50
Ethel Ward.	2.50	20	R. P. En'tress	6.00	50

South Bend Floral Co., South Bend, Ind.

ROOTED CARNATION CUTTINGS.

Enchantress, ready now	$18.00 per 1000
Lawson, ready now	10.00 per 1000
Wolcott, ready now	15.00 per 1000
Estelle	15.00 per 1000

We send out nothing but first-class stock.
Swan Peterson Floral Co., Gibson City, Ill.

Rooted carnation cuttings. Perfection, Victory, Haines and Candace, $6.00 per 100; $50.00 per 1000. Enchantress, Peary and Bountiful, $2.00 per 100. Cardinal, $3.00 per 100. Lawson, $15.00 per 1000. Guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

Well rooted carnation cuttings.

	100	1000		100	1000
Victory	$6.00	$50	Lord	$2.00	$15
Enchantress.	2.50	20	L. Peary	2.00	15
Lawson	2.00	15	The Queen	2.00	15
B. Market	1.50	10	Mrs. Patten.	2.00	15

Weiland & Olinger, 128 3rd St., Cincinnati, O.

Carnations. We offer field plants for delivery July 1, for early benching. Owing to our mild climate we field plants on high sod ground April 5. They are immense by July 1. Send for list, and make contracts for July 1 delivery.
Harlowarden Greenhouses, Greenport, N. Y.

Carnation cuttings, well rooted. Lawson, $1.50 per 100; $12.00 per 1000. Enchantress, $2.00 per 100; $18.00 per 1000. These cuttings were taken from the best stock coming into this market.
C. C. Pollworth Co., Milwaukee, Wis.

Rooted carnation cuttings, guaranteed.

Enchantress	$2.00 per 100;	$18.00 per 1000
Bountiful	2.00 per 100;	18.00 per 1000
Estelle	1.50 per 100;	15.00 per 1000

Cash with order.
Blanksma Bros., Grand Rapids, Mich.

Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
Cohanzie Carnation Greenhouses, New London, Conn.

Carnation Mrs. H. Burnett, new salmon-pink for 1907. Stems, 18 to 36 inches, rapid and easy grower. Established in 2-in. pots, £5 per 100. H. B. Burnett, St. Margarets, Guernsey, England.

Rooted carnation cuttings.	100	1000
Lawson, Boston Market	$2.00	$15.00
Enchantress, Queen	2.50	20.00

Cash with order.
HOLTON & HUNKEL CO., Milwaukee, Wis.

New carnations. Winsor, Helen Gould, Haines' Imperial and Pink Imperial, $12.00 100, $100.00 1000; 2½-in., $14.00 100. White Perfection, 2½-in., $10.00 100.
Chas. H. Totty, Madison, N. J.

Our carnation novelties for 1907—Winsor, White Enchantress and Helen Gould. For description of these valuable novelties see our wholesale price list.
F. R. Pierson Co., Tarrytown, N. Y.

Rooted cuttings Fair Maid, Boston Market, $1.50 100; $12.50 1000. Harlowarden, $2.00 100; $15.00 1000. Satisfaction or money back. Cash, please. H. M. Totman, Randolph, Vt.

Carnations Imperial and Pink Imperial. Selected cuttings, $2.50 doz.; $12.00 100; $100.00 1000.
John E. Haines, Bethlehem, Pa.
Or Alex. J. Guttman, 43 West 28th St., N. Y.

Carnations. Unrooted cuttings from strong, healthy plants of Fair Maid, Queen, Mrs. Lawson and Mrs. Patten, $10.00 per 1000. Cash.
Stephen Chase, Nashua, N. H.

Carnations, strong, healthy, rooted cuttings and 2½-in. pot plants, young stock, leading varieties. Prices are given in display adv.
Poehlmann Bros. Co., Morton Grove, Ill.

Rooted cuttings of Queen, $1.50; F. Maid, $1.10; P. Lawson, $1.40 per 100. Write for others. Unrooted, half price.
Otto Bourdy, Lowell, Mass.

Rooted carnation cuttings. Helen Goddard, $6.00 100; $50.00 1000. Cash. For other varieties see display adv.
Geo. E. Buxton, Nashua, N. H.

Carnations. Strong, well rooted cuttings of White Lawson, $2.50 per 100. Satisfaction guaranteed. Cash or C. O. D.
A. J. Stahelin, Redford, Mich.

We have an exceptionally fine stock of well rooted carnation cuttings from the best growers. See display adv.
Pennock-Meehan Co., 1608 Ludlow St., Phila.

Carnation rooted cuttings ready now. Novelties and standards. Display adv. gives varieties and prices.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation cuttings ready, healthy and well rooted. Varieties and prices are given in display adv.
Scheiden & Schoos, 60 Wabash Ave., Chicago.

Clean, healthy, well rooted carnation cuttings, ready now. See display adv. for varieties and prices.
Vaughan & Sperry, 58 Wabash Ave., Chicago.

Beacon carnation, orange-scarlet, $12.00 100; $100.00 1000. Send for descriptive circular.
Cottage Gardens Co., Queens, N. Y.
Peter Fisher, Ellis, Mass.

ROOTED CUTTINGS
of
ENCHANTRESS, VICTORY, CRAIG, MELODY, HESSION, FLATBUSH, BROOKLYN, N. Y.

Queen, best standard white, summer or winter. Well rooted cuttings $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

Summer bloom and winter carnations. Elbon, bright red; Climax, rich pink; Eldorado, etc., $1.50 100. Roney Bros., West Grove, Pa.

Rooted carnation cuttings. See display adv.
Frank Garland, Des Plaines, Ill.

CARNATIONS—Continued.

Rooted carnation cuttings, Crusader, B. Market, $10.00 per 1000. B. Market, unrooted, half price. Des Plaines Floral Co., Des Plaines, Ill.

Healthy rooted carnation cuttings of the best commercial varieties. Prices are given in display adv. John Muno, Rogers Park, Chicago.

John E. Haines, the leading scarlet carnation. Rooted cuttings ready now; $6.00 100, $50.00 1000. John E. Haines, Bethlehem, Pa.

Carnation cuttings. Rose-pink Enchantress, $7.00 100; $60.00 1000. Other varieties given in display adv. W. B. Girvin, Leola, Pa.

Rooted carnation cuttings, choice, all free from disease. Varieties and prices are given in display adv. J. L. Dillon, Bloomsburg, Pa.

Mabelle, the new pink carnation for 1907. See display adv., or write us for particulars. H. Weber & Sons Co., Oakland, Md.

Carnations. Boston Market, rooted cuttings, $10.00 1000; unrooted, $5.00 1000. Cash. E. D. Kaulback & Son, Malden, Mass.

Well rooted carnation cuttings, healthy stock. For varieties and prices see display adv. Peter Reinberg, 51 Wabash Ave., Chicago.

Carnation cuttings, A1 stock guaranteed. Varieties and prices given in display adv. A. Laub & Son, Hughsonville, N. Y.

Strong, well rooted carnation cuttings. Varieties and prices are given in display adv. Sol Garland, Des Plaines, Ill.

Rose-pink Enchantress, rooted cuttings, $7.00 100; $60.00 1000. Immediate delivery. H. F. Piggott, 2311 Pearl Rd., Cleveland, O.

Rooted carnation cuttings, clean, healthy stock. Varieties given in display adv. Valley View Greenhouses, Marlboro, N. Y.

Carnation Helen Goddard. Orders booked for rooted cutings, $6.00 100; $50.00 1000. S. J. Goddard, Framingham, Mass.

Carnation Boston Market, $1.25 per 100; $10.00 per 1000. Estelle, $1.25 per 100. S. W. Pike, St. Charles, Ill.

Rooted carnation cuttings, leading varieties. Prices are given in display adv. Wm. Winter, Kirkwood, Mo.

Rooted carnation cuttings. Varieties and prices are given in display adv. J. W. Dunford, Clayton, Mo.

Carnation cuttings, leading varieties. List and prices are given in display adv. Eli Cross, Grand Rapids, Mich.

Rooted carnation cuttings, best varieties. Prices are given in display adv. W. J. & M. S. Vesey, Fort Wayne, Ind.

Field-grown carnations, 1-yr.-old; also rooted cuttings. Write for list. A. Mitting, 17 Kennan St., Santa Cruz, Cal.

Send for list of new carnations and the leading commercial varieties. Wm. Swayne, Kennett Square, Pa.

Prices on all the best commercial varieties are given in display adv. Chicago Carnation Co., Joliet, Ill.

Unrooted cuttings of Abundance carnation, $2.00 per 100. Cash. H. D. Hunt, Mansfield, Ohio.

Abundance carnation, rooted cuttings, $5.00 100; $40.00 1000. Rudolph Fischer, Great Neck, N. Y.

Rooted carnation cuttings. Enchantress, $2.50 100. B. E. Wadsworth Co., Box 224, Danville, Ill.

Yellow carnations, Eldorado and Clover, also others, 1½c. Roney Bros., West Grove, Pa.

Carnation plants, 2-in. pots. March 1 delivery. U. S. Cut Flower Co., Elmira, N. Y.

Rooted carnation cuttings. See display adv. Henry Baer, Peoria, Ill.

Carnation cuttings for immediate delivery. Jensen & Dekema, 674 W. Foster Ave., Chicago.

CHRYSANTHEMUMS.

Nothing is worth growing but the best. Beatrice May, October Frost, Rosiere, M. F. Plant, Mayor Weaver and E. J. Brooks, $1.00 per doz.

Jeanne Nonin, the unapproachable queen of late mums, also C. Touset, Adelia, J. K. Shaw, Enguehard, Duckham, and the grand prize-winning yellow, Mrs. W. Duckham, only $2.00 per 100. Postpaid. The Union City Greenhouse, Union City, Pa.

Chrysanthemum cuttings. T. Eaton, $2.00 100. C. Touset, $4.00 100; $35.00 1000. W. Bonnaffon, Ivory, October Sunshine, Major Bonnaffon, Golden Wedding, Walter Molatsch, Pres. Smith, Balfour, Glory of Pacific, J. K. Shaw, Marie Liger, Maud Dean, Dr. Enguehard, $2.00 100; $15.00 1000. South Bend Floral Co., South Bend, Ind.

1300 stock chrysanthemums for $30.00. Appleton, Balfour, Wanamaker, Y. Jones, Duckham, G. Pacific, P. Rose, Kimberly, or will exchange for geranium plants. S. A. Carpenter, Ashtabula, Ohio.

300 Monrovia rooted cuttings, $2.00 per 100; $15.00 per 1000; 500 at 1000 rate. Monrovia has brought us greater returns than any other variety, for the space used.

400 October Frost, rooted cuttings, $4.00 per 100. With us this has been an extra fine early white. O. L. Baird, Dixon, Ill.

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The Early Chadwick mum; finest early white; large stock on hand; ready now. Rooted cuttings, $2.50 per 100. WIETOR BROS., 51 Wabash Ave., Chicago.

Can furnish 50,000 rooted cuttings and 2½-in. pots, season 1907. Delivery to suit. Best commercial varieties. Write for list and prices. Order now. Geo. M. Brinkerhoff, Springfield, Ill.

Rooted cuttings of CERAMIC chrysanthemum, $3.00 per 100. Polly Rose and Bonnaffon, $1.50 per 100. Jones and Nonin, $2.00 per 100. Chal Peterson, East Liverpool, Ohio.

Chrysanthemums. Major Bonnaffon, Jeanne Nonin, extra fine, well rooted cuttings, $2.00 per 100; $15.00 per 1000. Cash. EDWIN BISHOP, Roslyn, Md.

Chrysanthemum stock plants. About 1000 Jeanne Nonin, $1.00 per doz.; $7.00 per 100. W. F. Kasting, 383 Ellicott St., Buffalo, N. Y.

New chrysanthemums. Miss Clay Frick, Winter Cheer and Buttercup, 2½-in., 50c ea.; $35.00 100. Chas. H. Totty, Madison, N. J.

Chrysanthemums. Send for list of young stock, including many novelties. Harlowarden Greenhouses, Greenport, N. Y.

Chrysanthemum stock plants, best commercial varieties, $10.00 100. Bassett & Washburn, 76 Wabash Ave., Chicago.

Extra large stock plants of Jeanne Nonin, $6.00 per 100. F. Shearer & Son, Binghamton, N. Y.

Mum stock plants, Jeanne Nonin, $4.00 per 100. Klehm's Nurseries, Arlington Heights, Ill.

Chrysanthemum novelties, young stock in 2½-in. pots. Chas. H. Totty, Madison, N. J.

Chrysanthemum culture. Smith's Revised Manual, 40c. Nathan Smith & Son, Adrian, Mich.

Chrysanthemums, rooted cuttings, $2.00 100; $15.00 1000. Chicago Carnation Co., Joliet, Ill.

Chrysanthemum stock plants, 4c each. M. M. Lathrop, Cortland, N. Y.

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Cineraria hybrida grandiflora, best strain, 4 and 5-in., $15.00 and $20.00 per 100. John Stamm, Hutchinson, Kan.

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Cinerarias, Columbian, stellata and James' prize, 3-in., $4.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cinerarias, best strain, 300 in 3-in. pots, $3.00 per 100. Herman Holtz, Hammond, Ind.

Cinerarias, 2½-in., $3.50; 3-in., $6.00; 4-in., $10.00. Cash. Geo. A. Kuhl, Pekin, Ill.

Cinerarias, 4-in., $4.00 100. Fred Grohe, Santa Rosa, Cal.

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Cissus discolor, 2½-in. pots, excellent stock for spring trade, $4.00 per 100. Cash. Wachendorff Bros., Atlanta, Ga.

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Clematis paniculata, strong, field-grown plants, $15.00 per 100; strongest, $30.00 per 100. Quotations on larger quantities. Est. of David Fisher, Woburn, Mass.

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Clematis, large-flowering, $2.50 doz.; $20.00 100. F. A. Baller, Bloomington, Ill.

COLEUS.

COLEUS. COLEUS.

Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Good varieties of assorted coleus from 2-in. pots, $2.00 per 100. Cash with order. O. L. Baird, Dixon, Ill.

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Coleus, mixed colors, rooted cuttings, 60c per 100. U. G. Harglerode, Shippensburg, Pa.

Coleus, in fine varieties, R. C., 70c 100. Prepaid. A. J. Baldwin, Newark, Ohio.

Coleus, standard bedding and fancy varieties. N. O. Caswell, Delavan, Ill.

Coleus, 2½-in., $1.80 100; $15.00 1000. Springfield Floral Co., Springfield, O.

Coleus, 2-in., $2.50 100. Cash. Lake Side Greenhouses, Erie, Pa.

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Cyclamen, in bud or bloom, fine Easter stock, 4-in., $12.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Cyclamen pers. gig., 2-in., $5.00 100. Fred Grohe, Santa Rosa, Cal.

Cyclamen seedlings, $1.25 100. Shippensburg Floral Co., Shippensburg, Pa.

Cyclamen, 4-in., 12c. Cash. G. Aschmann, 1012 Ontario St., Philadelphia.

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Dahlia. Pot roots for shipment at once. Every section including the popular cactus, show, fancy, pompon and single, $6.00 per 100 in 25 sorts; better and newer kinds, $8.00 and $9.00 100, post-free, cash with order. See display adv. for list of new varieties. Catalogue free. HOBBIES LIMITED, Dereham, England.

Dahlias. 10,000 strong field roots, sacrificed to make room. Kriemhilde, Dainty, Mme. Dael, Lonsdale, Ruth, $4.00 per 100, $30.00 per 1000. Mrs. Winters, $5.00 per 100. Many others. Send for list. Cash with order. Held and shipped after frost if desired. Harlowarden Greenhouses, Greenport, N. Y.

I am again ready to handle your business. Only the cream of varieties handled. Standards and novelties, including Mrs. Winters, Mme. Dael, Navajo, Lonsdale, Dainty, Kriemhilde, etc. Catalogue of dahlias, hollyhocks, peonies and hardy plants now ready. W. W. WILMORE, Box 382, Denver, Colo.

Dahlias. Strong, field-grown roots of Sylvia, Strahlein Krone, $6.00 100. Gloriosa, C. W. Bruton, Miss Dodd, Purity and 50 other varieties. $5.00 100. Mixed varieties, $3.50 100. Elmhurst Nursery, Argentine, Kan.

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An up-to-date work on dahlias and dahlia culture, covering the whole field. Illustrated. Price, 35c. W. W. WILMORE, Box 382, Denver, Colo.

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We have 1,000,000 dahlia roots to sell. Send for our list. East Bridgewater Dahlia Gardens, J. K. Alexander, Prop., East Bridgewater, Mass.

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Daisy Queen Alexandra. New white. A handsome and free-flowering pot plant for spring and Decoration day sales. Very nice 2 and 2½-in. pot plants, $2.50 and $3.00 per 100. Cash prices. Theo. F. Beckert, 9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash. Fred Grohe, Santa Rosa, Cal.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

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Daisies, best varieties. See display adv. C. Eisele, 11th & Roy, Philadelphia.

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Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash. G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 per doz. W. C. Rockwell, Bradford, Pa.

Dracaena indivisa, 5-in., $2.00 doz. C. Eisele, 11th & Roy, Philadelphia, Pa.

Dracaena indivisa, 3-in. Stuart & Haugh, Anderson, Ind.

EASTER PLANTS.

Prepare for Easter. An immense stock of choice Easter plants, to bloom Easter week or earlier if desired, now ready. The leading varieties of azaleas, araucarias, hyacinths, tulips, etc., are listed in display adv. G. Aschmann, 1012 Ontario St., Phila.

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Echeverias, 15 to 20 cm. in cir., $3.00 per 100, $22.00 per 1000. Carriage paid.
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Farfugium grande, 3-in., $15.00 per 100; 2-in., $10.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

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FERNS MY SPECIALTY.
Please notice the big reductions.
CIBOTIUM SCHIEDEI, the king of ferns, well known for its unequaled beauty and good keeping qualities and as a very easy grower. Strong plants in the following sizes: 3-in. pots, $20.00; 4-in., $40.00; 5-in., $60.00 per 100; 7-in., $1.70 each; 10-in. pots, large specimens, $5.00 each.
Adiantum reginum, beautiful fern, also known as the hardy Farleyense, 4-in., strong plants, $25.00 per 100. A. rhodophyllum, 4-in., $20.00 per 100.
Assorted ferns for jardinieres, in all the leading varieties, $3.00 per 100; $25.00 per 1000; 500 at 1000 rate.
J. F. ANDERSON, successor to Anderson & Christensen, Short Hills, N. J.

Ferns. Order now for Easter. We have a fine stock, all ready for a shift at the following low prices:
Scottii, 4½-in. pots, $3.00 per doz.; 5-in., $4.00; from bench, 3-in., 10c; 4-in., 15c. Piersoni, 4-in. pots, $2.50 per doz.; 4½-in., $3.00; 5-in., $4.00; from bench, 3-in., 8c; 4-in., 12c. Boston, 4-in. pots, 15c; 4½-in., 20c; 5-in., 25c.
Cottage Greenhouses, Bushnell, Ill.

A snap in extra strong ferns. Boston ferns, 300 4-in. pots, $1.50 per doz., $10.00 per 100; 200 6-in. pots, 50c ea., $5.00 per doz.; 100 7-in. pans, 65c ea., $7.00 per doz.; 100 8-in. pans, 75c ea., $8.00 doz. 300 Scottii, in 5 and 6-in. pots, extra fine, $3.50 and $5.00 per doz.
Parkside Greenhouses, 746 E. 70th St., Chicago.

Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

Boston ferns, 3-in. pots, $6.00; 4-in., $12.00; 4½-in., $15.00; 5-in., $20.00 and $25.00 per 100. This is fine, short, strong, well grown stuff and will satisfy anyone.
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Boston and Piersoni ferns, 2½-in., 3c; 3-in., 8c; 4-in., 12c. Barrowsii, 2½-in., ready for 3 and 4-in. pots, only 5c.
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Bostons and Scottii, bench-grown; and Bostons, pot-grown. See adv. on cover page.
Baur Floral Co., Erie, Pa.

Scottii ferns, 2½-in., $4.00 per 100; 8-in., 80c each, to make room. Cash.
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We are booking orders for Nephrolepis Amerpohlii, the sensational new fern.
Janesville Floral Co., Janesville, Wis.

We have the finest collection of ferns in Europe. Lists on application.
H. B. May & Sons, Upper Edmonton, England.

Boston ferns from bench, ready for 4 and 5-in., $10.00 and $15.00 100.
J. W. Dunford, Clayton, Mo.

Excellent short-growth Boston and Piersoni ferns, 4-in., 10c; 3-in., 6c.
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Ferns. Boston, Piersoni, Elegantissima. Prices are given in display adv.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

Boston and Barrowsii ferns. Sizes and prices are listed in display adv.
Nelson & Klopfer, 1101 5th Ave., Peoria, Ill.

Ferns, 2½-in., Whitmani, $10.00 100. Elegantissima, $5.00 100.
P. R. Quinlan, Syracuse, N. Y.

N. Bostoniensis, 4-in., $1.50 doz. Other sizes given in display adv.
Wittbold Co., 1657 Buckingham Pl., Chicago.

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J. W. Young, Germantown, Phila., Pa.

Nephrolepis Amerpohlii, a grand novelty. See our display adv.
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Ferns, 2¼-in. Whitmani, 10.00 100. Boston, $3.00 100.
H. H. Barrows & Son, Whitman, Mass.

Ferns, all varieties. Prices are given in display adv.
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Nephrolepis Whitmani, young plants from bench, $6.00 100. Davis Bros., Morrison, Ill.

Boston and Pierson ferns, 2¼-in., select stock, $3.50 per 100. J. T. Cherry, Athens, Ill.

Whitmani ferns, fine, 2½-in. plants, $8.50 per 100. Tony Toerner, Scio, Ohio.

Boston ferns, specimens, $18.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

Boston ferns, 6-in., 25c.
C. Eisele, 11th & Roy, Phila., Pa.

Scotti ferns, 2½-in., $3.00 100.
Springfield Floral Co., Springfield, O.

Tarrytown ferns, 2½-in., 4c; 3-in., 10c. Cash. Byer Bros., Chambersburg, Pa.

Boston and Piersoni, 4-in., $10.00 100. Cash.
Tipton Floral Co., Tipton, Ind.

Boston ferns, 3-in., $5.00 100; $40.00 1000.
C. Whitton, City St., Utica, N. Y.

Boston ferns, 5-in., $2.50 doz. Cash.
Converse Greenhouses, Webster, Mass.

FEVERFEW.

Feverfew Little Gem, 80c per 100; $7.00 per 1000. S. W. Pike, St. Charles, Ill.

Feverfew, 2-in., $3.00 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

FUCHSIAS.

Fuchsia Little Beauty, strong, 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
N. O. Caswell, Delavan, Ill.

Fuchsia Little Beauty, 2¼-in., $4.50 100; $40.00 1000. Baur Floral Co., Erie, Pa.

Fuchsia Little Beauty, 2¼-in., $4.00 100. Cash. Lake Side Greenhouses, Erie, Pa.

GERANIUMS.

Rooted cuttings new geraniums. Mrs. R. F. Gloede, semi-double, very large flower, color rose-pink, growth exceedingly strong, $20.00 per 100. Kenilworth geranium, flowers single, scarlet, strong grower, best of all single geraniums, $10.00 per 100.
Ivy geraniums, 3 varieties, double pink, scarlet and rose-pink, $1.50 per 100.
Gloede, Evanston, Ill.

New single geranium, SYCAMORE, bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. Orders booked now for 2½-in. pots at $2.00 doz.; $15.00 100.
St. Clair Floral Co., Belleville, Ill.

25,000 geraniums, standard varieties, strong, bushy, 3-in., $40.00 per 1000. Double Grant, A1 stock, $35.00 1000.
Wm. S. Herzog, Morris Plains, N. J.

Ivy-leaved geraniums, 25c ea.; $2.50 doz. Cactus geraniums, a collection of four new varieties, $1.50 doz.
R. Vincent Jr. & Son, White Marsh, Md.

Mt. of Snow and Salleroi, pots, $2.00 per 100. Mt. of Snow, rooted cuttings, $1.25 per 100.
Geo. Smith, Manchester, Vt.

S. A. Nutt, 2¼-in., $2.50 100; 3-in., $3.50 100. Cash. This is fine stock.
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DENVER.

The Market.

Trade has been quite good for this season of the year. Roses are scarce, but all other stock can be had in quantity. The coming of Lincoln's birthday, Valentine's day and Washington's birthday nearly all together created a good demand for flowers, violets perhaps having the call on Valentine's day. One of the stores reported having sold over 15,000 for that purpose.

Bride and Bridesmaid are beginning to come in better quantities, but prices as yet have shown little or no tendency to weaken and Beauties, especially long-stemmed ones, are scarce.

Carnations are a little more plentiful, although there were not enough red to go around February 14. Prices are about the same, $2 to $4 per hundred. Bulbous flowers are in active demand and some good stock is seen. Asparagus sprays, Sprengeri and adiantum continue to be scarce articles.

Various Notes.

J. A. Valentine, Emil Glauber and N. A. Benson have returned from the carnation convention at Toronto, visiting several eastern cities on their way.

The Park Floral Co. has a fine crop of blooming plants coming on. They will be right on edge for Easter.

Perry Gallup is again with the Gallup Seed & Floral Co., on Sixteenth street.

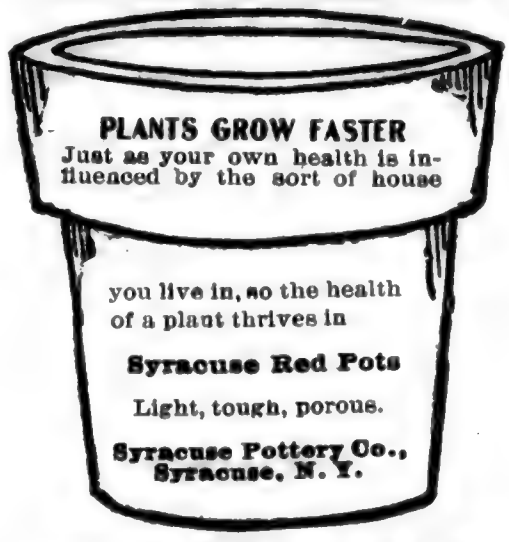
E. S. K.

TWIN CITIES.

The Market.

Business last week was good. St. Valentine's day helped out immensely and from reports it was the best that we have had for a good many years. Violets sold remarkably well. The fine weather helped considerably and, no doubt, was the cause of the heavy demand for them. The quality could hardly be excelled. Some of the finest Princess of Wales ever offered in this section are on the market in large numbers. The cut being unusually heavy the price has declined to some extent, present wholesale prices being 75 cents to $1 per hundred.

Roses and carnations are in the best of condition and in some places only specimen blooms are offered, which are retailed at $2.50 and $3 per dozen without any difficulty. Carnations range from 75 cents to $1 per dozen.



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Red Standard Pots

Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3 50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7 20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application

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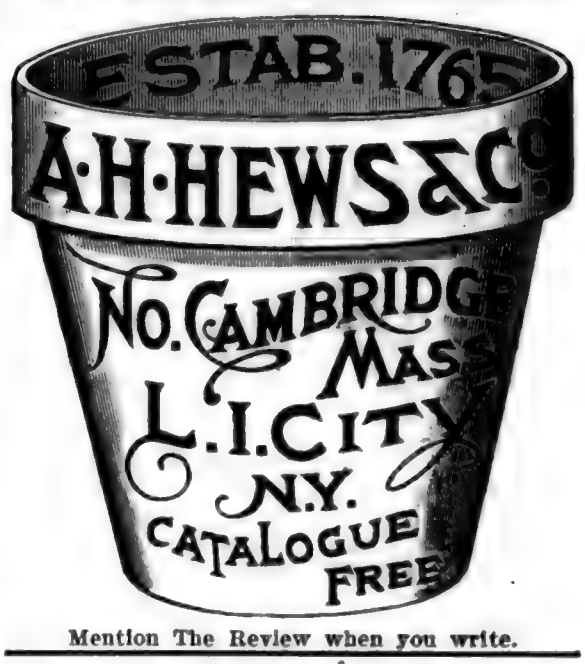
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The market is deluged with bulbous stock, especially tulips, which can be bought at $1 per hundred and good stock at that price.

Funeral work has been quite heavy. A great many rubrum lilies have been used in designs. One grower has a large number in bloom which he has offered at a low figure and has succeeded in moving a great many of them.

Minneapolis.

The New York Floral Co. has opened a store on Nicollet avenue, between Fourth and Fifth streets. That location



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Kramer's Pot Hanger

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Price, $1.00 per doz. by express. Sample doz. by mail, $1.25.

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is one of the finest in the city and there has been a florist in that section for the last twenty years, until about a year ago. There is no doubt but what a heavy transient business will be done. The company reports business as being satisfactory in its Washington avenue store.

Will & Son are sending in some fine Mme. Chatenay. The blooms are nearly perfect and the stems strong. They are also sending in some fine Richmonds.

Carlson & Sandberg's Brides and

Tobacco Paper Is the STRONGEST, BEST PACKED, EASIEST APPLIED

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144 sheets..... 3.50
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½ Gallon..... 5.50
Gallon 10.50
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Maids are hard to beat. They have been successful with the above varieties throughout the entire season and have been cutting them in large numbers.

The Whitted Floral Co. turned over a large number of violets for St. Valentine's day. Trade on other stock they report as being active.

St. Paul.

Colberg & Lemke displayed some neat Valentine boxes, which sold well.

L. L. May & Co. report a heavy business on funeral work. Business for St. Valentine's day was unusually heavy.

John Monson, of the Minneapolis Floral Co., and Ralph Latham, of Minneapolis, made the rounds of St. Paul florists and found them all busy.

FELIX.

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...THE...

Chrysanthemum

By Arthur Herrington

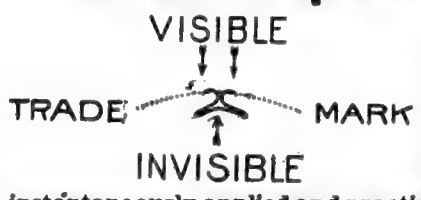
Formerly president Chrysanthemum Society of America.

The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

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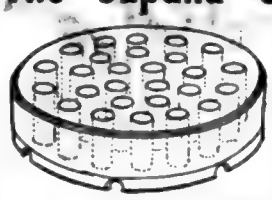
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No. 0	3x4x20	$2.00	per 100,	$19.00	per 1000
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Greenhouse Heating.

SIZE OF PIPE.

We contemplate building a greenhouse 27x100, twelve feet to the ridge, with walls five feet high. There will be a bench three feet wide along each wall and three inside benches five feet wide with walks all around them. How many 3-inch hot water mains should we have overhead and how many 2-inch returns under the benches to keep the house at a temperature of 60 degrees at 10 degrees below zero? The base of our Idyle boiler is about five feet below the surface. Where should be the highest point of the flow pipes? W. E. D.

Your house can be heated by using a single 3½-inch flow pipe under the ridge and seventeen 2-inch returns. If you prefer to use two flow pipes, use 2½-inch, as they have sufficient capacity to provide for the radiation supplied by the 2-inch returns. The highest point in the hot water system should be at the point in the flow pipe where it divides to furnish the returns, i. e., the most distant point from the boiler. Connect the expansion tank to the main return near the boiler and elevate it as much as possible, fifteen to forty feet.

L. C. C.

THE BEST TYPE OF BOILER.

There are so many different styles of heating boilers on the market, each purported to be perfect, or at least the best, that usually the florist is puzzled when it comes to making a selection.

Many of us have our ideas as to what a good boiler should consist of and occasionally these ideas get into print, and are productive of some good, either helping those in need of a new heating apparatus in determining which one of the many styles meets his requirements and combines the greatest number of advantages, or in offering suggestions for the manufacturers' consideration. Just now we are looking for hot water and steam boilers that will unite the gases properly, giving us the most heat from the least coal, with little or no waste.

I believe this can be accomplished in no other way than by producing perfect and rapid combustion of the fuel used. Bricked-up steel tubular boilers are advocated in preference to the fire-box, because the brick fire-box can be maintained at a higher temperature than the steel fire-box type, where the water-jacket around the fire has a marked cooling tendency.

To combine the advantages of both types in one, I advocate lining the fire-box with at least four inches of fire brick, top, sides, front and back, making the box large enough to permit a full size grate and heating surface. Then brick in the boiler so that the heat after passing through the flues drops down at the farther end, returning underneath the boiler toward the front nearly as far as the fire-box, then up over the top of the boiler, back to the farther end and stack.

One more suggestion, and one that I believe is of vital importance, if proper combustion is to take place. Have the brick above the boiler arched the flat way, two inches thick, and above this a closed warming pan, covered with magnesia, full width and length of the boiler, at least six inches high, with an opening near the rear end two-thirds the area of the opening in the stack that may be closed tight or gradually opened to full size for draught. In the bottom near the front end have two 3-inch openings, one at either side, at least three inches in diameter for fifteen horse-power boilers. Connect with these openings three-inch pipes extending downward inside the fire-box close to the brick lining. As these pipes approach the bed of coals, put in two tees, one for each 3-inch pipe, the full length of the grate, with spiral openings directed toward the fire. Close the ash-pit tight and observe the following results by giving air through the

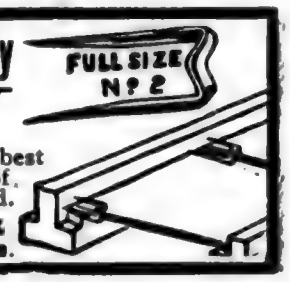
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BROWN ALARM CO., DENVER, COLO.
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rear opening of the pan. Instead of cold air striking the underside of the fire to cool it, as a draught through the ash-pit does, we have a hot blast that permits the proper temperature and conditions for the thorough uniting of all gases, thus consuming the smoke, giving us clean flues, therefore hotter water, with less fuel.

With a brick lined fire-box and hot blast effect, you get gases sufficiently heated that you can use the three-way pass before reaching the stack and obtain heat in the top pass that is still warmer than the water. When it is desired, a pipe may be attached at the rear opening of the pan and forced draught applied. This is most effective and desirable. In bricking in the rear end, just above the flue line a steel plate may be placed with the handle outside, permitting the sliding of the same, giving direct draught through the flues and up the stack when wanted in starting the fire and otherwise. The grates should be of some rocker pattern with close mesh so that it will accommodate screenings and head-end cinders.

With this combination we believe we have an ideal heating boiler, one that gives the most heat for the least money expended in fuel. Put fresh screenings on your fire, go out and look at the top of the stack and see if black smoke is pouring out. If it is, you may be sure that perfect combustion is not taking place. The gases are not uniting properly and you are losing a large percentage of the heat that is in the coal. On the other hand, with your boilers fitted up as above, you may close your ash-pit doors and open the hot blast draft with the result that black smoke gases are burned and only the light mist is noticeable above the stack. This is not theory, but practice from actual tests made on a smaller scale.

There are boilers on the market using the three-way pass, but the gases are not sufficiently heated and united to make the top pass of material benefit. The only way this can be accomplished is through the hot blast principle, with the aid of brick lining for the fire-box.

F. C. SHARDLOW.

Tree Shell Bros. Co.
IMPROVED
Greenhouse Boiler.
51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

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and everything used in a Steam Plant
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SAVE FUEL
Write for Catalogue
See advertisement in last week's Review and watch for it next week,
THE HERENDEEN MFG. CO., Geneva, N. Y.
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BELVIDERE, ILL.

J. W. Lyon, vice-president and manager of the J. W. Lyon Co., resigned from that position February 15. He will retain his interest in the company and be succeeded as manager by W. Williams, who has been in charge for several years of B. Eldredge's greenhouses on West Pleasant street. Herbert Anderson has also resigned his position at the Lyon greenhouses and goes to Rockford to take charge of the J. J. Soper greenhouses.

The J. W. Lyon Co. will continue to conduct the business on a large scale and pay particular attention to retail work, as formerly. B. Eldredge is the president; J. W. Lyon, vice-president, and Wm. H. Moore, secretary and treasurer. The retiring manager has occupied that position for the last eight years.

The Eldredge greenhouses are to run as usual and a new manager for them will enter on duty soon.

ALTOONA, PA.—A man attempted to cheat Myers Bros. February 8 by presenting a bogus check in payment for flowers.

GIRARD, KAN.—Sourdry Bros. have decided to enlarge their plant and Michael Sourdry made a visit to Chicago last week to purchase the necessary material. The addition will about double the present size of the plant.

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APHICIDE
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Costs less per effectual fumigation than any other mace; if it does not we will refund your money.
We sell direct to the grower; the jobbers' 33⅓ per cent. profit we put in the quality of the paper.
Trial Boxes for home 100x20, 25 cents post paid. Box 24 sheets 65 cents post paid.
Boxes 144 sheets $1.50 and Boxes 288 sheets $2.50, Express prepaid to all points East of Mississippi River.
THE H. A. STOOTHOFF CO., 116 WEST ST., NEW YORK, Sole Sellers and Makers.

DETROIT.

The Market.

St. Valentine's day created a big demand for violets and cut flowers in general. With the advent of Lent business has quieted down some and with this decrease in demand is the influx of bulbous stock, the result being a glut of colored carnations, tulips, hyacinths, daffodils, etc. White carnations and, in fact, all white flowers keep well cleaned up, owing to the large amount of funeral work.

Even though other stock is plentiful, roses are not equal to the demand. The Michigan Cut Flower Exchange is handling some fine La Detroit. Short-stemmed roses are scarce.

Various Notes.

Theodore Mitchell played the genial host to a number of the younger members of the club Tuesday evening, February 12.

S. S. Skidelsky spent several busy days in and about Detroit recently. He was much pleased with the appearance of the Rose-pink Enchantress stock at Schroeter's greenhouse. As a result of the big demand Mr. Skidelsky has found it necessary to refuse orders until those already on hand are filled.

If you have some chenille lying around that has become soiled through exposure to dust and dirt, take a coil at a time and give it a good washing with soap and water, rinse and hang up to dry. It will come out as clean and soft as when new.

It has been rumored that a new store is to be opened on Broadway in the near future.

E. A. Fetters is back in the city again.

A ridiculous advertisement was recently seen in the Detroit daily papers. It was inserted by the floral department of one of the large drygoods stores and ran in part as follows: "Carnations 35 cents per dozen. Only three dozen will be sold to one customer, so as to keep them out of the dealers' hands."

M. Keller, of Reed & Keller, New York, was a visitor last week.

H. S.

POUGHKEEPSIE, N. Y.—James Coleman's boiler burst during the recent cold spell and he lost a house of antirrhinums.

DENVER, COLO.—J. A. Valentine reached home February 18 after a visit to eastern growers following the carnation meeting at Toronto. Among the growers visited were those at New York, Philadelphia, Richmond, Lafayette, Chicago and Council Bluffs.

Century Insecticide DEATH TO INSECTS
Cheapest and best on market. Once used, always used. Positively kills green and black fly, mealy bugs, red spider, scale, thrips or any insect on flowers, plants, trees, vegetables, etc. Will not injure, scent or discolor the most delicate flowers and foliage. Also sure death to Gypsy and Tussock Moths.
Especially adapted for Roses, Carnations, Chrysanthemums, Heliotropes, Smilax and Ferns.
Handled by Leading Seedsmen. $3.50 per can of 5 Gallons.
PREPARED BY W. H. KULD, NORWOOD, MASS.
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THEY KILL BUGS
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FOR SPRAYING.
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Fumigating Powder
FOR SLOW BURNING.
DUSTING POWDER
FOR VEGETABLE GROWERS.
You will have no trouble with insect pests if you use these products as directed.
Send for our booklet, "Words of Wisdom," by leading growers. It is free.
E. H. HUNT
76-78 Wabash Ave., CHICAGO
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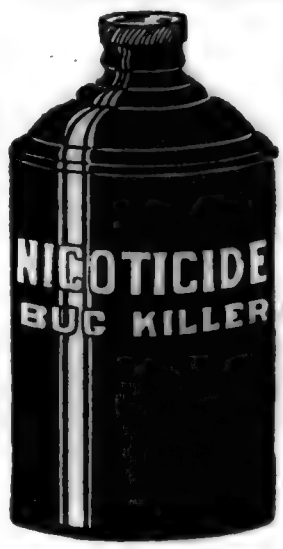
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KILLS YOUR SCALE.
Take a can of the oil, dilute to four times its bulk with water and then spray or wash your plants. Prices—½ pint cans, 25c; pint, 40c; quart, 75c; 2 quarts, $1.25; gallon, $2.00; five gallons, $9.00. Cash with order.
Andrew Wilson, Dept. 5, Summit, N. J.
or H. A. Dreer, Inc., Philadelphia.
Mention The Review when you write.

SPRINGFIELD, ILL.—A florists' club is in process of organization here.

MEADVILLE, PA.—J. M. George, of Summerville, was here February 4 for the purpose of securing the site for the establishment of a large greenhouse.

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33 Exchange Ave., CHICAGO
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KING CONSTRUCTION CO.

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Our long list of orders of this kind is our best reference. By writing any of the large growers at Chicago you will confer a favor on the

GEO. M. GARLAND CO., - DES PLAINES, ILL.

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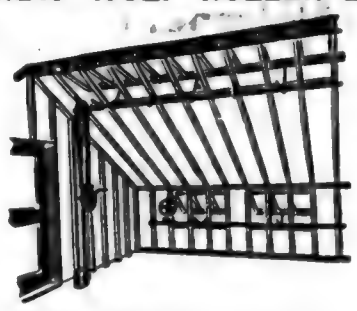
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G. L GRANT, EDITOR AND MANAGER.

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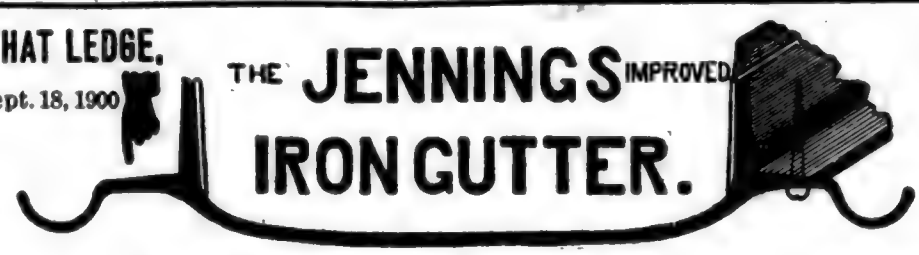
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H AND C



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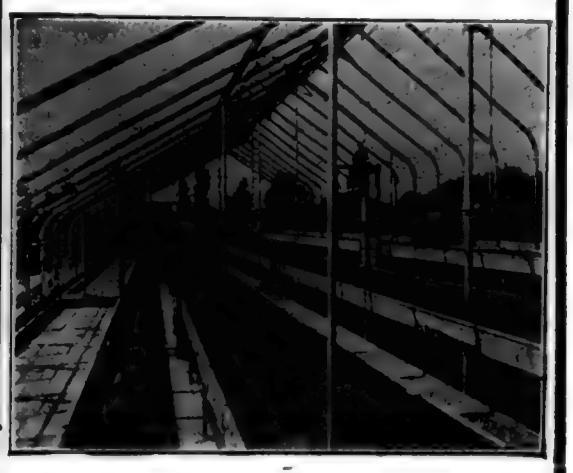
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520 Caxton Building, 334 Dearborn St., CHICAGO.

Vol. XIX. CHICAGO AND NEW YORK, FEBRUARY 28, 1907. No. 483.

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Write for supplement to catalogue F, it will interest you.

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THE RETAIL FLORIST.....

RETAILERS' FIXTURES.

An Important Consideration.

The accompanying illustration will serve to give an idea of the character of fixtures required for an up-to-date flower store. It shows only a part of one side of the store, including a bit of the show window at the front, the display case for cut flowers, then a large beveled-plate mirror, and then a display case for small baskets, hampers, etc., the more bulky articles being kept elsewhere. The tables are of brass frames and marble tops. They are used only for the display of stock, all wrapping being done behind the scenes. It is not every retailer who can afford mahogany fixtures made to order, but it pays to have them as good as circumstances will warrant. About the best asset a retail store can have is a reputation for good taste, and an ill equipped and poorly arranged store gives a first impression which it takes much good work to counteract. So long as first impressions are what they are it is well to have them in our favor instead of against us. Not infrequently one is prejudiced against a store by its appearance, and every now and then we hear someone say, "That place looks all right; let's go in there."

The picture reproduced was taken at the store of C. A. Samuelson, 2128 Michigan avenue, Chicago.



Character of Fixtures Required for an Up-to-date Store.

FUNERAL WORK.

In placing orders for funeral designs the public has to trust a great deal to the florist's practical, as well as artistic, ability and reliability, as we have no samples or models to show; nothing but the loose flowers, frames, and, in most cases, poor photographs. We all know that floral designs never show up to advantage in a picture.

Of course people who have had some previous experience in buying designs usually know about what pieces are suitable, and it is merely necessary to settle on the price. Even people who are fortunate enough to be inexperienced in ordering funeral flowers, in many cases leave it to the artist.

Sometimes, though, you will run up against a hard proposition. Your prospective customer may not have the least idea as to what he wants or needs. "I want a nice pillow," or some such remark is often heard when really a spray or a wreath is meant, or vice versa. Here is where you have to fall back on your design book. A good and inexpensive one can be acquired by cutting pictures out of the REVIEW and mounting them in a suitable book.

Many florists advocate the sending of sprays of flowers. Of course, speaking from an artistic standpoint, a large, loose spray is ahead of the ordinary floral piece. But we who depend on this business for our bread and butter make a big mistake in talking sprays only, for when stock is plentiful short stuff is bound to pile up and the only outlet is design work.

When it is possible to swing the buyer either way, just size up the stock on hand and offer suggestions accordingly, but at the same time keep your customer's requirements in mind. Win your prospective customer's confidence and you will have easy sailing.

Then again, you run across people who do not know what they want and never will know. Do not waste all your valuable time with them if you cannot secure their order after a reasonable effort. Let them go, for they would be likely to be dissatisfied at any rate.

Often people have some fixed idea, some freak design, such as a grindstone, trowel, beer-bottle, tray and glass, or so on, or the word "Husband" on a pillow bought by the husband. Just let them explain what they want, then tell them in a nice way that the design they have in mind will not make up nicely, or the inscription is not the proper one; but if they insist, go ahead, take the order and fill to the best of your ability.

You will find that people's tastes vary a great deal, so it is a good plan to size up your customer before offering suggestions. If some party inquires as to the price of a nice lyre, or harp, do not be afraid to say $10, even if you think them only good for a five-spot; it is easy to go down. But once you have made a price stick to it, even if you lose a sale. It makes a bad impression to change your price.

When stock is scarce, naturally designs should cost more than when flowers are plentiful.

Always keep galax leaves, sheaves, cycas leaves, etc., in mind, especially when stock is scarce. All make up fine, at the same time give good satisfaction and bring in good profits.

Small designs never look like much and a spray is preferable.

Lettering never adds to the artistic effect of a piece, but often is necessary. Unless insisted upon, never put the sender's name or names on a piece, except in case of a society; then the initials and number usually will suffice. With some people lettering makes even more of a hit than the flowers. When you run across some one like this just put it on heavy.

When a piece bears some inscription such as "Brother," "Father," and so on, no card is necessary, except in case of a large family. Otherwise a card is

customary. In tying on the card use a piece of baby ribbon of a color to match the flowers; do not use string or wire. If some ignorant person wants "compliments" on a card for a funeral, point his mistake out to him in a nice way. H. S.

TROUBLE WITH GERANIUMS.

I am sending a few geranium leaves which have bacteria or a fungus disease of some kind. We are almost sure what caused it. It affects our whole stock more or less, and we would like to know a cure for it. We have been using Bordeaux mixture but we don't think it is doing any good. A. & S.

The sample leaves received were badly affected with the disease commonly known as spot. There are several conditions which cause this disease to spread among geraniums. Too much moisture at the root, too frequent overhead syringing or hosing, the use of strong animal fertilizer in the soil when the plants are small, and the overdosing of them with liquid or chemical manure and water, will all tend to start this disease.

Geraniums in a young state should not be potted in a rich soil. It tends to produce a rank, soft growth and makes the plants easy victims to spot. It is also always better to rather underwater than overwater them. Bordeaux mixture is not likely to be of any value in checking the spread of the disease, which we have had on stock ourselves on several occasions. A warm, drier and more buoyant atmosphere is the best antidote. Use soot water in lieu of animal liquid fertilizers and when the plants are well rooted in the pots a pinch of some first-class chemical fertilizer, such as Clay's, will tone them up. W. N. C.

SEASONABLE SUGGESTIONS

Easter Stock.

March will be here by the time these notes appear in print and it is a reminder that the great Easter festival is drawing near, only four weeks now being left to finish up the lilies and other plants we want to have in season. You should now be able to count the buds on your lilies without pulling back the leaves. If they are still obscured from view, your chances of having them in bloom are dubious. With hard forcing we have seen them brought in flower within five weeks from the showing of the buds, but it is much better to allow them six weeks. Lose no time in removing any doubtful plants to the warmest house you have and ply the syringe or hose freely among them. Do not neglect the watering on any consideration and give them sufficient liquid stimulants to keep the foliage green and the plants vigorous.

Rambler roses should have the sprays advanced now, so that the buds can be counted; then they are all right. Astilbes, if they start to show color about March 12, will be in season. Hydrangeas should now have heads of fair size and ought to show color about the middle of the month. Azaleas may still be started and if kept warm and sprayed frequently will be in season. Keep pinching and rubbing out the early growths, which came ahead of the flowers. Acacia armata should be given 50 degrees to 55 degrees at night until the little flowers show yellow. Then keep it cooler.

Dutch bulbous stock should be put in readiness. Better start hyacinths, tulips and narcissi by March 10; they then should be in season. If lily of the valley sells well, a good supply of pips should now be potted and placed in a warm, darkened case with a brisk bottom heat. Gradually inure to light to give the plants as good foliage as possible. From three to four weeks is ample time to allow valley provided a brisk heat is at command. Lilacs, Azalea mollis, flowering cherries and other deciduous shrubs should all be in bud now and in this case will not need any further forcing. Let them open in a comparatively cool house and they will be much more satisfactory.

Cypripedium Insigne.

That old and easily grown orchid, Cypripedium insigne, is found in many commercial places and, in spite of all newer and higher priced introductions, firmly retains its position as the most popular and profitable of the cypripedium family. The present is a suitable time to overhaul any which may seem to need repotting. If the growths have become much crowded it will be better to pull the plants to pieces. If plants of moderate size are desired, 6-inch pots will be large enough. Much larger sizes are often used, but we have found the smaller pots give a larger proportion of flowers than the best specimens. A suitable compost is fibrous loam, with all the finer particles screened from it, lumpy charcoal and a little old cow manure. The pots should be half filled with clean crocks and in potting the plants should be slightly elevated above the rims. Osmunda fern fiber, with a little sphagnum, will also grow the plants well. They succeed well in a temperature of 50 degrees to 55 degrees in winter and prefer a cool house or open-air culture in summer. They appreciate an occasional application of manure water during the growing season when well rooted.

Antirrhinums.

Probably you are growing a few seedling antirrhinums on a bench in one of your houses. The flowers are useful during late winter and early spring. Well grown spikes which have been carefully disbudded make a beautiful display in large vases and, as they possess remarkable lasting properties, make a most satisfactory cut flower. Now is a good time to take some cuttings from the flowering stems of your best varieties. They will soon root and if potted off and gradually hardened can be planted outdoors early in May. From these further cuttings can be taken late in July and, if grown along in a frame or a cool house, will make fine stuff to plant on the benches about the end of September. Separate colors, like white, yellow, pink and red, will sell better than mixtures.

Gloxinias.

If gloxinias were started in flats a few weeks ago in a warm house they will have made considerable root and the young shoots will be one or two inches across. They are better potted before they get crowded. A light, moderately rich compost suits them. Equal parts of leaf-mold, loam and cow manure well dried, with a dash of powdered charcoal and sharp sand, is to their liking. Five and 6-inch pots are sufficiently large, unless the tubers are of more than ordinary size. Keep on the dry side until well rooted. Shade from direct sunshine, do not spray the leaves and keep well up to the light in a temperature of 60 degrees at night and a good many will be in bloom for Memorial day, when they will be found extremely useful.



New Range of Orchid Houses Built by the Julius Roehrs Co., Rutherford, N. J.

Sundry Reminders.

Cuttings of marguerites put in now and grown along in pots will make fine plants for flowering next Christmas.

Achimines, fancy-leaved caladiums, gesneras and tuberous-rooted begonias intended for culture indoors can be started now. Give them a light compost, water sparingly until growth appears and pot off before they crowd one another.

Memorial day is about three months away, but if you need hydrangeas at that time they should be started right away. Astilbes also should be potted and placed under the benches of any cool house or stood on a shed floor. They will make roots at once.

Such seedlings as asters, verbenas, stocks, etc., should not be kept in a warm house after they are well above ground or they soon become leggy. Keep them on a shelf well up to the glass.

DENDROBIUM X CYBELE.

Dendrobium x Cybele is one of the most beautiful and free-flowering of the many dendrobium hybrids. It is one of Veitch's seedlings, the result of a cross between D. Findlayanum and the well-known D. nobile. There is considerable confusion among the dendrobium hybrids, each hybridizer persisting in giving distinctive names to seedlings produced from the same parentage. Thus there are D. Aurora and D. Xanthocentrum, each raised by Sir Trevor Lawrence from the same cross.

Like all the deciduous dendrobes, this variety succeeds well in a basket of fern fiber and sphagnum moss. Baskets should be as small as possible and the plants through the growing season need good light with but little shade, a moist atmosphere and plenty of heat, gradually reducing the water supplies as growth is being completed and ripening up the bulbs well in a cooler and sunny house.

W. N. C.



Dendrobium x Cybele.

A NEW RACE OF DAHLIAS.

The Peony-flowered Variety.

For many years dahlias have received a large share of public favor, and every season has seen new arrivals to swell the already large ranks of named varieties. Advance has been especially noticeable in the cactus section, which has probably reached the high-water mark of popularity. The wondrous display of coloring in this class, together with their correct form, pointed petals, and graceful habit, has given them the predominant position in the great dahlia family. The last few years has seen the decline of the large show and fancy dahlias, and even the popularity of the singles and the ever useful pompons has been greatly lessened. The older type of decorative dahlias is seldom seen now, for the all-conquering cactus varieties have taken the place which once it so proudly held.

And now the boasted supremacy of the cactus group is at last threatened, and it has to meet a rival which has thrown form and symmetry to the winds, and has entered the lists clothed in nature's own freedom-loving style. To some of us, nature lovers as we are, this break is an especially pleasing one, for the new type of dahlia which has arisen can best be described as peony-flowered, for the varieties possess the irregular, loosely-arranged petals and the large golden center which we usually associate with peonies. Many of the petals are delightfully curled, and the elegant forms, and the disproportionate size of many of them, give one the pleasing idea of a natural artistry produced by breaking away from rigid and stereotyped designs.

These quaint and lovely flowers were introduced by a Dutch firm, Copyn & Son, of Groenekan, who have exhibited them at Rosendaal, Paris, Dusseldorf, etc., and have been the recipients of many medals and certificates which testify to the Continental appreciation of the new section. The horticultural press of France, Germany and Holland seems to have been captivated by the beauty of the newcomers. Needless to say, the flowers are large, and the coloring of the varieties named is good, and perhaps a brief description may be of value.

Duke Henry, soft dark red, loosely formed, and produced on long stems.

Dr. K. W. van Gorkom, a lovely variety, the white petals being softly shaded with rose.

Baron G. de Grancy, fine, long-stemmed, with a double row of creamy-white petals.

Glory of Baarn, an exquisite soft pink, fine flowers well above the foliage.

Queen Wilhelmina, a lovely flower, pure white, well arranged, and very floriferous.

Hollandia, deep rose, well recommended, fine for cutting.

Paul Kruger, white striped red, with three rows of elegant petals, on long stems.

King Leopold, a glorious soft yellow shaded with cream.

Pius X., soft yellow, freely striped with salmon; the flowers are light and graceful, very free.

Germania, wine-crimson, which sometimes is shaded with yellow; it is very effective.

Solfatara, carmine-red with a rich yellow center.

Queen Emma, a grand acquisition, large and floriferous; the color soft salmon and lilac.

Garibaldi, a rich dark scarlet, which is grand when arrayed with the daintier colors of some of the preceding.

This exhausts the list at present, but I understand the raisers have other good things in store, and if the new peony-flowered dahlias come up to expectations, they should find a place in many of our English gardens.—Gardeners' Magazine.

NARCISSI AND FUNKIAS.

Kindly give me what information you can as to growing Narcissus poeticus and Funkia cœrulea alba from seed. Does the seed germinate readily and how long will it require to bring them to blooming age? What is the proper method of handling the seedlings? J. M. G.

Raising narcissi from seed is a slow process and does not pay, except it may be in the raising of new varieties. Seed should be sown in flats of sandy loam in a cool greenhouse as soon as ripe and be transplanted either into frames or prepared beds in the open ground in spring. The little seedlings will only need one or two inches of space between them. They will need lifting when the foliage dies down and replanting in the fall. As it takes three to four years, and often much longer, to flower these seedlings, there is no profit commercially in attempting it unless, as previously stated, new hybrids are to be raised.

Narcissis poeticus produces offsets so freely that it can be increased rapidly in this way and, being so inexpensive, we do not think it would be profitable to attempt to raise it from seed.

While the various funkias, such as

subcordata, Sieboldiana, ovata and others may be raised from seed, which should be sown as soon as ripe, this method is not to be recommended, as it is slow and somewhat uncertain. Division of the crowns in fall or early spring, preferably the latter, is far the better method of propagation. Use a sharp spade to cut the clumps in pieces.

W. N. C.

JAMES GURNEY.

James Gurney, superintendent of Tower Grove park, St. Louis, Mo., is a man born with the love of gardening, inheriting his ability in this line from his father. He is an Englishman by birth, and has had much experience in the business in his native land. He began work at it at the age of 16, and was well acquainted with the late Queen Victoria. When Mr. Gurney came to this country he was 32 years of age.

Mr. Gurney has been connected with Tower Grove park ever since he came to this country. The late Henry Shaw gave this park to St. Louis, and at that time Mr. Gurney had been associated with Mr. Shaw at his country home near that city. Mr. Shaw's estate finally became the Missouri Botanic Garden, and here the results of Mr. Gurney's work are best seen. When Tower Grove park was given to St. Louis it was but natural that he who had spent years in the beautifying of it should become its superintendent. Mr. Gurney has accomplished wonders with his charge since it became part of the city. In his work he has produced new varieties of cannas, nymphæas and an excellent ageratum, named by him Stella Gurney. The prominent feature of the park is the fine collection of aquatic plants, which has received more attention and care from Mr. Gurney than anything else.

James Gurney has grown gray in the years he has spent in his chosen profession, and today is one of the foremost gardeners of the country. He continues to fill his post at Tower Grove park, and only a personal visit to the scene of his labors, such as all true gardeners and thousands in the trade delight in paying, can show the excellent results of his work.

CARNATIONS

WILD LAWSON.

Referring to the note on "Wild Lawsons" in the Review for February 14, if when you discover a wild plant you will give it a good pruning, by cutting four or five shoots away close to the main stock, the so-called wild plant will give some fine blooms on stems twenty to twenty-four inches long.

McElhinney Bros.

SOLID BEDS VERSUS BENCHES.

I saw in the Review of February 14 an answer to a query as to whether carnations can be grown on solid beds with cinders under the soil as successfully as on raised benches. L. C. C. recommends the latter. That the sentiment in favor of raised benches is quite general among the growers of the country I would not care to deny, but I claim it is unjustly so and that it will decrease as time goes on. We have for five years been growing our carnations on solid beds and we do not have to blush when our stock is set up beside that of other growers. When we first changed, our stock was as good as it had ever been, if not better, and it has improved in accordance with the improvement in the varieties just as much as the stock of other growers has. Our stock has never gone begging. So much for the quality that such beds will produce.

As to the crops being more tardy, I say there is nothing in it. It is almost entirely a question of what kind of a start your plants get after they are benched. If the plants suffer from transplanting, the early crop will be scant and poor and the winter crop will start off with less vigor and will be late, regardless of the style of bench you use. On the other hand, if you get your plants established in good shape and the topping has been done right, blooming will begin at once and will increase in volume, according to the vigor of your plants, regardless of the style of the bench. A few days ago one of our best local growers visited our establishment. I first showed him through some houses which had been giving a heavy cut since October, and which are beginning to show the effects, whereupon he expressed the opinion that he liked raised benches better, but when a little later I showed him a lot that were planted later and were then right in the height of the crop he did not think that raised benches could do any better. Another incident occurred a few seasons ago, and it was a fair sample of what happens frequently. A local grower saw our carnations on these beds and concluded it was the proper thing and he would change his beds as fast as they needed rebuilding, but he would try it first in a limited way, as I advised him to do. The next summer he tore out the south bench in a house that had a side wall four and one-half feet high. Instead of filling in with cinders he filled in with old bench soil, which was quite sandy. With the poor drainage and the shade from the wall of course he had no success, and condemned that style of bed. There are a great many growers who are not so unreasonable as the one mentioned, but who nevertheless are prejudiced, and unless a thing will stand head and shoulders above another they refuse to see its merits.

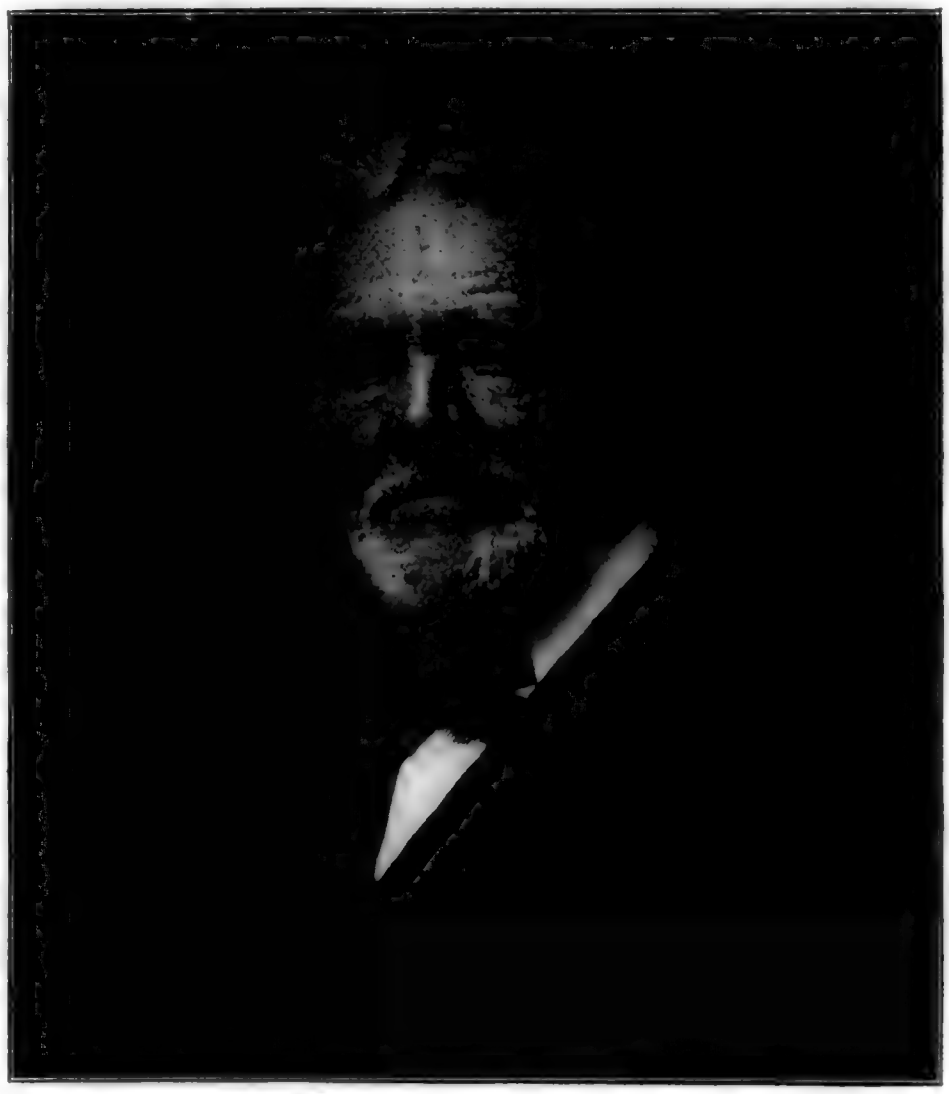
After five years we would not think of changing back to the raised bench. We may some day be able to improve on these cinder beds, however.

A. F. J. B.

LIGHT AND SHADE ON PLANTS.

[A paper by H. Hasselbring, of the University of Chicago, read before the annual convention of the Illinois State Florists' Association at Bloomington, February 19, 1907.]

Much of our scientific work of the present day is done with a direct view to its bearing on the practical affairs of the world. Another phase of science is concerned primarily in the search for truth and the addition of facts to human knowledge. Of this type of work often



James Gurney.

the immediate advantage is not obvious, especially since most of its ways and methods are beyond the comprehension of the onlookers. Yet pure science work is a necessary precursor of applied science. Again, in the course of purely scientific investigations, we often meet with facts, which when properly analyzed throw considerable light on questions of practical importance. Or at least give us suggestions and new ideas for further experimentation.

The Plant's Relation to Light.

A question that has received much commentation in recent years is that of the advisability of shading plants, like roses and carnations, in greenhouses in summer. Some hold that all shade is not only superfluous, but even injurious, while others maintain that shade of some kind is necessary at least during the bright months. To arrive at a clear understanding of the problem let us consider the plant in its relation to light.

About fifty per cent of the dry weight of plants is carbon. All of the carbon is obtained from the atmosphere, which contains about 2.94 parts per 10,000 by volume; i. e., in 10,000 cubic feet of air there are about three cubic feet of carbon dioxid. The carbon dioxid is taken into the green parts of plants, mostly the leaves, and is there worked over into organic matter. This process, however, takes place only in the light. The energy for the chemical transformations of the carbon dioxid into starch and sugar in the leaves under natural conditions is furnished entirely by the sunlight. Very feeble light is sufficient to cause the process of carbon assimilation to begin. The rate of assimilation increases with intensity of illumination until a certain maximum of illumination is reached, after which no further increase of assimilation is observed. Keeping this in mind, that the amount of carbon dioxid in the atmosphere is exceedingly small, and that sunlight is the chief factor concerned in its assimilation, I will now give the results of some recent work of two English investigators, Brown and Escombe, bearing on the question of the influence of intensity of illumination on the assimilation of plants.

Some Interesting Experiments.

It is not necessary to go into the details of the manipulations except to say that the leaves while still attached to the plants were enclosed in air-tight glass cases through which a stream of air was drawn by means of tubes. By determining the amount of carbon dioxid in the entering and also in the outgoing air, it is an easy matter by subtraction to determine the amount assimilated by the leaf.

In the first place, it was found that when leaves were shaded by a thin cloth screen the assimilatory process always responded to an artificial increase in the amount of carbon dioxid in the air entering the case. In other words, even when the illumination was reduced the plant was still able to assimilate more carbon dioxid than is normally present in the air. That is to say that even with moderate illumination the amount of light which a plant receives is still in excess of the amount which the leaf requires with the normal carbon dioxid content of the air.

In the second place, another series of experiments was carried out by Brown and Escombe in which they determined directly the amount of carbon dioxid assimilated by shaded leaves. In this case the leaves of the ordinary nasturtium, Tropæolum majus, a sun-loving plant, were used. The leaves to be experimented upon, while still attached to the plant, were enclosed in a square case with glass sides as before. These leaves were exposed under a screen which cut out about two-thirds of the solar radiation. By a very ingenious method a known portion of the remainder of the light was cut out. This was effected by means of revolving discs from which radial sectors had been cut. If a disc from which, for instance, one-half of the area had been cut away was revolved over the leaf it is evident that only one-half of the light can reach the leaf. The following table gives the amounts of carbon dioxid assimilated per hour per unit surface of leaf under different strengths of illumination. It must be kept in mind that all the leaves were under a canvas screen which cut out about two-thirds of the light which was then further reduced by the revolving sectors.

	Temperature of leaf case, degrees F.	Carbon dioxid assimilated per decimeter of leaf surface per hour (cubic centimeters.)	Percentage of increase or decrease in reduced illumination.
Exp. 1—			
A. Full illumination under screen.....	71	1.692	
B. Half illumination under screen.....	69	2.029	19 increase
Exp. 2—			
A. Full illumination under screen.....	69	1.919	
B. Half illumination under screen.....	67	2.047	14 increase
Exp. 3—			
A. Full illumination under screen.....	75	1.926	
B. Quarter illumination under screen.....	72	1.311	3 decrease

It will be seen from this that when two-thirds of the illumination was cut off by a screen and one-half of the remainder was cut off by the revolving sectors the amount of carbon dioxid assimilation was not decreased but was even slightly increased. Not until three-fourths of the light coming through the screen was cut off was there any reduction in assimilation. This means that one-sixth of the light of a clear summer sky is still sufficient for the needs of our ordinary plants and not until the light is reduced to about one-twelfth do they begin to suffer.

Now I wish to correlate with these experiments another set of observations and experiments from an entirely different source, but having a bearing on this subject.

Schander's Experiments.

The use of Bordeaux mixture as a fungicide is well known. The spraying of plants such as apple trees, potatoes, grapes and others is a matter of common practice. Soon after the use of Bordeaux mixture became general it was observed that the mixture had secondary effects on plants not due to its fungicidal action. The plants thus sprayed remained green and retained their leaves longer than unsprayed plants. The leaves were of a deeper color and thicker than those of unsprayed plants. This was a matter of common observation both in this country and in Europe. Much work was done to determine the cause of this effect, and it was generally attributed to the stimulating action of the mixture. Recently the whole subject has been investigated by Schander, a German investigator, whose results I will give briefly.

After eliminating by careful experimentation the possible stimulating effects



Albert T. Hey.
(President State Florists' Association of Illionois.)

of the various ingredients of the mixture, Schander turned his attention to the effect of the coating itself. It is evident that the coat of lime and copper sulphate on the leaves would cut out a large part of the light reaching the interior of the leaf and thus act as a shade.

In the first experiment three sets of bean plants were planted in the open ground and covered with glass in such a way that the framework supporting the glass left the sides open to the air. One set of plants was sprayed with Bordeaux mixture, in the second set the glass was sprayed, giving the shade effect, and the third was left untreated under clear glass. During the entire development of the plants both the plants under the sprayed glass and those whose foliage has been sprayed directly showed a deeper green color with larger leaves and better growth. The unshaded plants showed the yellowish color characteristic of plants suffering from too much light. Of course, the temperature and moisture conditions were the same for each group.

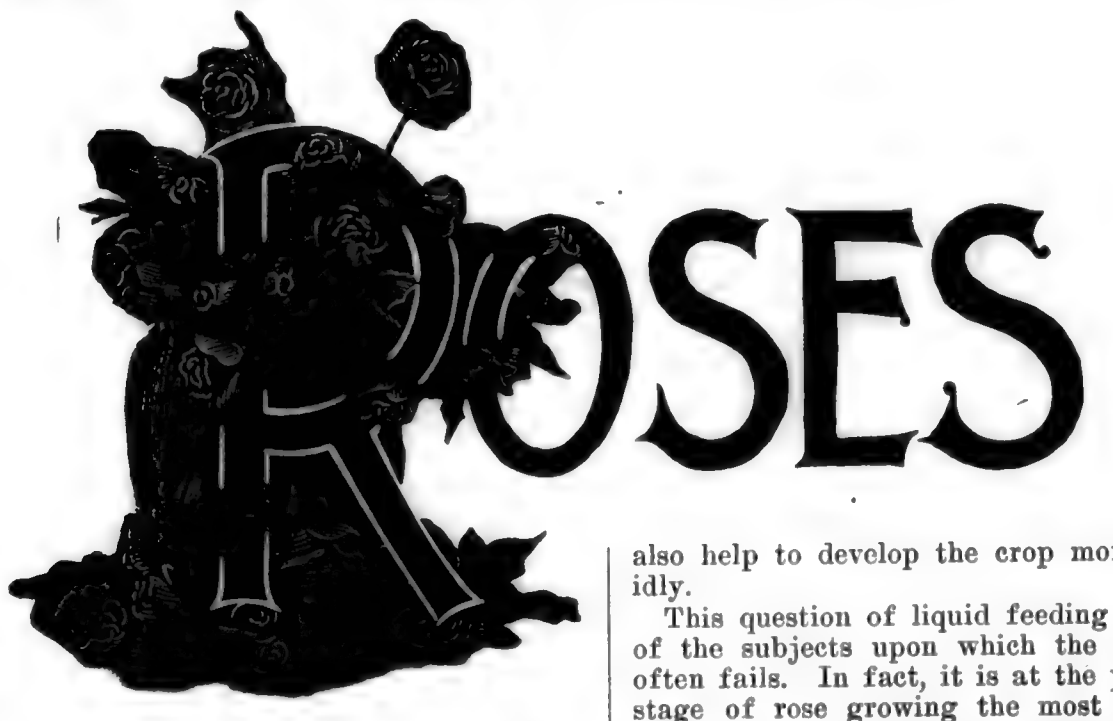
In another case the leaves of grapes were sprayed with the Bordeaux, partly on the upper side and partly on the lower surface. If the beneficial effects of the spray resulted from the chemical action of the mixture both sets of leaves ought to act alike. It was found, however, that the leaves sprayed on the upper surface alone showed beneficial results. These were of a deeper green and contained a larger quantity of starch than the others.

In a later experiment parts of leaves were covered with chemically indifferent substances like thin paper. The covered portions always showed a deeper green color and contained more starch than the exposed parts. These experiments seem to show that the beneficial effects of Bordeaux mixture aside from its fungicidal properties are due to its action in moderating the intense illumination of the summer sun.

Conclusions Reached.

From the observations and experiments which I have reported here we must arrive at the remarkable conclusion that during the bright weather from late spring until early fall most of our cultivated plants suffer from too intense an illumination. When this illumination is cut down, as in all plants which are commonly sprayed, the plants thrive better than in full sunlight. This is commonly observed in apple trees, grape vines, potatoes and other plants which are commonly sprayed.

In the greenhouses the situation is complicated by the great rise in temperature which becomes injurious to plants, but aside from this the illumination itself can easily become injurious. Shade-loving plants like palms, etc., are injured even by long exposure to moderate illumination and roses soon show signs of injury in bright summer weather. The first and most evident sign of too intense illumination is a pale green or yellowish color. Finally the leaves formed become smaller and none of the tissues manufacture the normal amount of starch. This soon results in weaker growth and slender shoots on the plants. In roses the effect of too much light can be easily seen in summer by the pale green leaves. Even a few days of cloudy weather will suffice to change the appearance of the whole house to a more normal, darker green.



FEEDING FOR EASTER BLOOMS.

It is now only a few weeks till Easter and any crops that seem tardy and backward should receive special attention so that they may come up to time.

With the increase of sunshine, which we may now expect, there is less danger of weakening stock by feeding and, if it is in vigorous condition, the risk of doing damage by a judicious rise in temperature, both at night and in the daytime, is reduced. Houses which are coming along too slowly can, without any danger, be raised from 3 degrees to 4 degrees at night, with a corresponding rise during the day, so long as ventilation can be freely indulged in. Generous applications of liquid feeding will also help to develop the crop more rapidly.

This question of liquid feeding is one of the subjects upon which the grower often fails. In fact, it is at the present stage of rose growing the most important, even to experts; for how many of them really know just what ingredients they are administering to their plants and in what proportion? Neither do they know what the chemical admixture will result in, food or poison. As a result many are the failures, illustrating the old adage that "a little knowledge is a dangerous thing."

The information conveyed in such essays as that read at the American Rose Society's meeting in Boston last year by Mr. Pray on liquid fertilizers must, if given serious study by the student of rose culture, result in shedding light in many dark places. And, as I mentioned in my notes of last week, the credit of all this work is due to the American Rose Society, to the energy and determination of its officers and to the moral support given by its members.

The meeting of last year was the most successful in its history. In the character and quality of its exhibits, its premiums and in the practical, scientific and everyday character of the essays it will be hard to surpass. Yet we are not dead to the pleasures of hope.

The premiums offered this season are numerous and valuable; the essayists are men of national repute in their different pursuits; the questions for discussion are of the greatest importance to every grower, dealer or lover of roses; the lessons to be learned will undoubtedly add to our profits, the brotherly feeling thus engendered will keep a warm glow in our hearts for, at least, one year when we can again renew it at the next annual meeting. All of which will redound to the honor and glory of our enthroned queen. Ribes.

CUTS AND CONDITIONS.

About how many flowers per plant can reasonably be expected from roses of the ordinary varieties?

Are solid beds an advantage over raised benches for roses when it is desired to grow stock two or three years without replanting? With a rather sandy soil will the usual layer of broken stone or cinders beneath the beds be necessary for drainage?

In a climate that is usually quite sunny in the winter will not north and south houses be as favorable for producing good results as east and west houses?

Will a rather sandy soil, but which is rich and productive, be good for roses? Roses grown outdoors in this soil make splendid growth, bloom well and seem to be healthy. W. H. C.

The average cut from the different varieties depends so much on the attending conditions, such as soil, climate, aspect and character of house, that it is an almost impossible task to estimate anywhere near what they will do. Brides and Maids in a well constructed, well heated and well watered house under skillful care will produce, on an average during the season, twenty-seven to thirty blooms of all grades. Hybrid teas, such as Liberty, Meteor and Richmond, will, under like conditions, produce at least one-fourth more. Beauties will be doing well if the average is in the vicinity of seventeen.

When roses are to be carried over without transplanting, solid beds are certainly preferable to table benches. The writer last spring, in March, had the opportunity of inspecting some houses of roses in the vicinity of Boston, which were then in their third year. These were on solid beds. The varieties were Liberty, Maid and Bride and finer roses it would be hard to meet. The grower was even then contemplating running them another season.

If the subsoil is of a very sandy nature there should be no necessity for any kind of artificial drainage.

My experience, and the experience of many good growers of my acquaintance, is that north and south houses are better suited for summer, fall and spring crops and that they usually fail to produce paying crops during the winter solstice, when prices are at their best.

The ideal soil for roses is a good fibrous loam with an admixture of clay. Where the soil is of a sandy nature it

will require to be frequently enriched, either by mulching or by liquid feeding. Under such conditions roses grafted on Manetti stocks will be preferable to own root stock, the fine roots of the Manetti being better fitted to use this class of food than the apparently stronger, more robust members of own root stock. Although stock may do exceedingly well outdoors in certain soils, it is quite a different question when it is compelled to find sustenance from the same soil on benches under glass. RIBES.



Potting 60,000 Manetti Stocks at Peter Reinberg's, Chicago.

SOUTHERN ROSES UNDER GLASS.

[A paper by R. Lockerbie, New Orleans, read before the Society of Southern Florists, at the New Orleans Convention, February 14 to 16, 1907.]

The growing of roses under glass in the south has only within the last decade begun to claim earnest attention. Previous to that time, the few spasmodic efforts in different sections resulted in only indifferent success. Now that the requirements of the rose are better understood, the amount of glass devoted to its culture is enormously increased, and the results, in most cases, are more than satisfactory. While we here aim at the same goal as our northern brethren, we shoot from an entirely different angle. The theory of rose growing is the same, both north and south, but the difficulties are much opposed.

Style of House.

The style of house for the south is one of the first considerations. I prefer an even-span north and south house, to any other. Such a house has the great advantage over an east and west house of being much cooler, while giving practically the same amount of light.

Each house should be detached and have ventilators in the walls on each side, as well as on both sides of the ridge. The ventilators at the ridge should also be considerably deeper than those in use in the north, and I find those that are hinged at the top preferable to those hinged at the bottom, especially during the heavy rains we experience in the summer months.

The tendency now leans towards using larger glass, but here, where we are blessed with plenty of sunshine, glass 16x24 inches, glazed the 16-inch way, seems to me to fill the bill.

Air or sun-dried cypress is the best material for sashbars, and a most important feature is to have the inside drip gutter large enough to carry off the water. Should a single post happen to sink even a quarter of an inch an annoying overflow is the result.

Beds or Benches.

Raised solid beds or benches can both be used, but neither should be over four feet wide. Raised solid beds should have at least one foot of rough drainage in the bottom, covered with sod laid grass side down. Four to six inches more will leave plenty of room for soil and subsequent mulching. When benches are used, 6-inch pecky cypress boards, one or one and one-half inches thick, are the best material. These should be laid so as to leave a space of one inch between each board to provide thoroughly for drainage. Where 8-inch or 9-inch boards are used, at least two inches should be allowed between them. Before filling, these spaces can be covered with a thin sod, grass side down, which will make the drainage system ideal. The surface of all woodwork should have an application of hot lime wash, to get rid of all insect life and also for a preservative for the wood. Crude oil is also good in this connection. Provide walks of twenty-two to twenty-four inches around each bed, and sufficient hydrants in every walk to enable the grower to sprinkle clear to the ends of the beds.

Whether steam or hot water is used for heating, the pipes should be so arranged and valved as to provide for just the necessary amount of heat for each separate occasion.

Soil and Its Preparation.

Now comes the vital question of soil and its preparation. This is the keystone to the whole position. In general it may be said that soil that will grow good farm crops, such as corn, wheat or oats, will be found suitable for roses. The soil, so far as I have seen it in the south, seems well adapted for raising good roses. The chief defect, in my estimation, is the lack of suitable fiber in it. While plenty of soil can be had with fiber, it is so chock full of undesirable grasses, of which the omnipresent Bermuda is the worst, that it is better to take a soil from which some crop has been raised during the summer and prepare it as follows:

In the late fall plough it up, pulverize it fine with a drag harrow and sow rather thickly with English rye grass, orchard grass or some other equally quick growing grass. By early spring this will have made a thick sod with plenty of fibrous roots, when it should again be ploughed up. Now apply about two inches of cow manure to the surface and work it well in with a disk-harrow. An occasional harrowing will keep it in good shape until needed, or it may be piled up and turned over a few times. This working will put it in fine condition for planting.

When turning the soil and filling the benches a sharp lookout must be kept for grubworms, the larvæ of the May



Making Rose Cuttings at Peter Reinberg's, Chicago.

beetle. Every one that escapes you means the loss of a rose plant before the summer is over.

Filling the Benches.

Before filling the benches clear out all rubbish from underneath, and give each house a thorough fumigating with sulphur. With one man at a bench leveling off and two or three wheeling in the soil, the work of filling the houses goes merrily on. Each bench should be filled just barely level, so that after a firming and watering the soil will be about one inch from the top of the sides. I may here say that five inches is deep enough for the benches. When a house has been filled the walks and underneath the benches should again be carefully cleaned. In rose growing cleanliness is godliness.

Before planting, the benches should have a top dressing of ground bone, about fifty pounds to 500 square feet of surface, and well worked into the soil with the hands or a rake. The standard distance for planting is ten inches in and fifteen inches between the rows; but rank growers, like Beauties and Chatenays, can be planted wider to advantage.

Propagating.

It is always preferable to propagate your own stock of young roses, but the law of selection must be rigidly observed. It is a simple thing to let a good strain deteriorate by indiscriminate propagation, and only judicious selection will keep the stock up to the top notch. Cuttings may be made from blind wood, as well as from flowering shoots. A heel cutting from blind wood will make a very satisfactory plant in a short time, as it throws up a number of shoots from the bottom and thus makes a splendid foundation for future building. January and February are the best months to root the cuttings.

A temperature of 60 degrees to 62 degrees in the sand and 56 degrees in the house at night will be found suitable to their requirements, and in about twenty-five days the cuttings should be rooted enough for potting. Use small pots for the first potting, with little manure in the soil, and keep the young plants growing all the time, using richer soil for each shift. Cuttings struck in January should be strong plants by May 1.

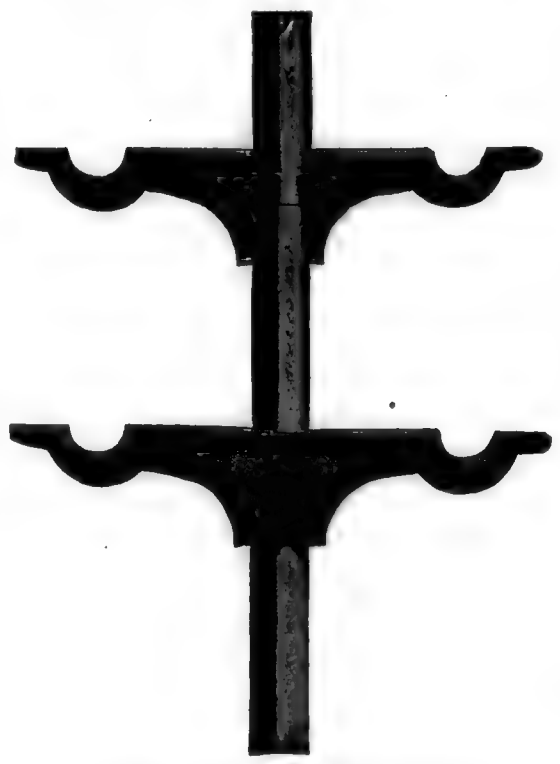
Buying Young Stock.

Just a word about buying young roses from the north. There is plenty of fine stock in season in northern markets, but, alas, the conditions down here are either unknown or ignored by a great many shippers. Young roses for shipment to the south must never be pot-bound at time of shipping, and they must be wet enough to arrive in a nice, moist condition. Pot-bound plants generally arrive denuded of foliage, and those which come too dry soon drop theirs, and the buyer loses at least a month in their best growing period; indeed, he is lucky if he does not lose half the plants as well. These are two points in shipping that purchasers should insist be observed.

(To be Continued.)

AMERICAN ROSE SOCIETY.

The executive committee of the American Rose Society has been favored with more prizes for the coming Washington show, one of $25 for Killarney offered



A New Greenhouse Bracket.

by ex-President Fred R. Newbold, of Poughkeepsie, and another from L. A. Noe, of Madison, who offers a prize of $25 for Uncle John.

An addition to the prize list of the Washington Florists' Club is a premium of $25 for a group of decorative plants covering at least 100 square feet of floor space, offered by Wm. H. Ernest, of Washington.

A special report of the society's doings, with the constitution and by-laws and a chapter on garden roses, of much interest to amateur growers, is mailed to all members of the society and a number of them are being sent out to the general public.

Benjamin Hammond, Sec'y.

NOTHING WRONG IN KANSAS.

The accompanying illustration is from a photograph of Charles P. Mueller's new greenhouses at Wichita, Kan. They were erected two years ago and enlarged last summer. The plant now contains about 30,000 square feet of glass and is devoted to roses, carnations and the general line of stuff used in a first-class retail trade. Considerable space is given up to bedding plants, in which Mr. Mueller does a large business during the bedding season. A. Marquart, for many years with J. F. Wilcox, of Council Bluffs, is in charge. Credit is due him for the showing he has made during the six or seven months he has been with the establishment.

A NEW GREENHOUSE BRACKET.

In a large proportion of the greenhouses there is need for some sort of a bracket fastened upon the pipes which support the roof. Where the heating pipes are carried overhead a pipe hanger is essential and the economy of space often calls for the use of brackets upon which shelves may be placed to carry considerable weight. The bracket shown in the accompanying illustration is used by a large number of New England growers. It is manufactured by Buxton & Allard, Nashua, N. H., and has made its way so far west that the C. C. Pollworth Co., Milwaukee, has taken it up as general western sales agent. It is said that the iron brackets, when properly clamped to the pipes, will each carry a load of over a ton.

CRINUM YEMENSE.

Growers in general are well aware of the merits of Crinum Moorei, C. Powelli, and C. longifolium, plants that have been in cultivation for a long time, but the Arabian form of C. latifolium, says a writer in the Gardeners' Magazine, is wholly overlooked, despite its proved hardiness, compact growth, and giant inflorescences out of all proportion to the small size of the plants.

It belongs to the deciduous section, carrying little or no leafage in its native habitat of Yemen for longer than half the year. Under cultivation, it fits the English seasons admirably, growing throughout summer, flowering in August, and resting quietly throughout winter. The bulb is as round as an onion, with



Establishment of Charles P. Mueller, Wichita, Kan.



Autumn Flower Show at Suttgart, Germany, Showing Formality of Arrangement.

little or no neck, the leafage is two feet long and high, broad, and, in some measure, handsome also. The flowers rival those of any hardy crinum in magnificence, being pure white, six inches across the perianth, expanding fully, and average twenty in each umbel. The inflorescence is about a foot across, and not more than thirty inches high, being but slightly raised above the foliage. It makes a delightful pot plant for the cool greenhouse, thrives apace in the warm border quite unprotected, and gives no trouble at any time. I have grown the plant for eight years, and in some quantity, and can recommend it for its refinement, compact habit, and sweet fragrance. It flowers regularly about August, and every bulb throws a strong scape. C. latifolium has long been noted as the best of the large-flowered crinums for the temperate house, and its variety Yemense is equally as good a plant for the garden proper in everything save size.

STAGING EXHIBITIONS.

The German Arrangement.

The accompanying illustration from a photograph of the autumn flower show given in Stuttgart, Germany, November 10 to 15, 1906, is extremely interesting when compared with illustrations of our American exhibitions. Unfortunately I have no information covering the arrangement and, therefore, we are compelled to call upon our imagination as to the object and scope of the undertaking.

Evidently competition of exhibits—the main incentive of our exhibitions—is eliminated and an effort to lay before the flower-loving public a grand, formal floral display is apparent. Extreme formality is ever present and each vase or boxed plant has its counterpart placed with mathematical precision in a balanced scale.

The whole flower space, 85x200 feet, is laid out into a formal garden, the beds in balanced pairs and evidently bordered by narrow wooden strips. Each plant or group is neatly and inconspicuously labeled and at the rear, where there appears to be a rustic bridge leading to a mysterious "somewhere," the directing signs are enclosed in rustic frames.

The whole arrangement shows a premeditated study of formal effects by a master mind and, as seen from an end balcony, must have been an interesting sight. W. C. EGAN.

GERMAN IRISES.

[An extract from an address by J. Woodward Manning, delivered before the Massachusetts Horticultural Society, January 12, 1907.]

The iris, or as popularly known the fleur de lis, rainbow-flower or poorman's orchid, etc., has more than 170 described pure species, of which about 100 have been cultivated at times by American horticulturists while somewhat more than 130 species are grown by English iris fanciers, among which, however, a portion fail to combine sufficient distinction, beauty or ease of culture to warrant their extended use. While, however, perhaps less than a hundred species are to be recommended for cultivation in American or particularly New England gardens, this is but a fraction of the number of varieties which by selection or cross fertilization have been produced and contribute most advantageously to garden ornamentation.

The surface rhizomed forms are more popularly known as German irises, though the true Iris Germanica is but one of many species. The dwarf forms are greatly neglected, being but seldom seen in American gardens, yet possessing great merit in their range of bloom and the earliness of flowering period. Iris pumilla is better known than the other species and growing about nine inches high bears in April showy flowers of deep purple in profusion. As an edging plant it has much merit and there are various selected varieties ranging from pearly white, through clear blues to the deeper colored typical form. Iris pumilla is certainly worthy of far greater use than has been the case in the past. I. verna, another dwarf species from the Carolinas is equally dwarf, quite prolific in bloom with purple shades and blooms about the same time. This does not show the improvement and fixed forms, however, that is true with the last species. The gem among dwarf irises, however, is the crested Iris cristata, only growing about six inches high with light green foliage. It forms a carpet of verdure and bears freely of light blue flowers beautifully blotched with golden yellow. I know no form of dwarf iris with as great adaptability of uses as this either for naturalizing or for varied garden usage.

For perfect hardihood, freedom of bloom and range of color we can with

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Propagating.

It is always preferable to propagate your own stock of young roses, but the law of selection must be rigidly observed. It is a simple thing to let a good strain deteriorate by indiscriminate propagation, and only judicious selection will keep the stock up to the top notch. Cuttings may be made from blind wood, as well as from flowering shoots. A heel cutting from blind wood will make a very satisfactory plant in a short time, as it throws up a number of shoots from the bottom and thus makes a splendid foundation for future building. January and February are the best months to root the cuttings.

A temperature of 60 degrees to 62 degrees in the sand and 56 degrees in the house at night will be found suitable to their requirements, and in about twenty-five days the cuttings should be rooted enough for potting. Use small pots for the first potting, with little manure in the soil, and keep the young plants growing all the time, using richer soil for each shift. Cuttings struck in January should be strong plants by May 1.

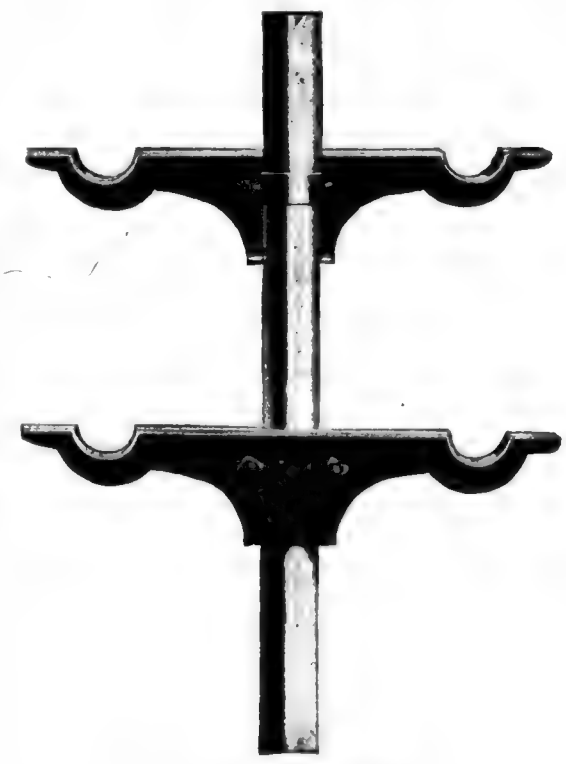
Buying Young Stock.

Just a word about buying young roses from the north. There is plenty of fine stock in season in northern markets, but, alas, the conditions down here are either unknown or ignored by a great many shippers. Young roses for shipment to the south must never be pot-bound at time of shipping, and they must be wet enough to arrive in a nice, moist condition. Pot-bound plants generally arrive denuded of foliage, and those which come too dry soon drop theirs, and the buyer loses at least a month in their best growing period; indeed, he is lucky if he does not lose half the plants as well. These are two points in shipping that purchasers should insist be observed.

(To be Continued.)

AMERICAN ROSE SOCIETY.

The executive committee of the American Rose Society has been favored with more prizes for the coming Washington show, one of $25 for Killarney offered



A New Greenhouse Bracket.

by ex-President Fred R. Newbold, of Poughkeepsie, and another from L. A. Noe, of Madison, who offers a prize of $25 for Uncle John.

An addition to the prize list of the Washington Florists' Club is a premium of $25 for a group of decorative plants covering at least 100 square feet of floor space, offered by Wm. H. Ernest, of Washington.

A special report of the society's doings, with the constitution and by-laws and a chapter on garden roses, of much interest to amateur growers, is mailed to all members of the society and a number of them are being sent out to the general public.

Benjamin Hammond, Sec'y.

NOTHING WRONG IN KANSAS.

The accompanying illustration is from a photograph of Charles P. Mueller's new greenhouses at Wichita, Kan. They were erected two years ago and enlarged last summer. The plant now contains about 30,000 square feet of glass and is devoted to roses, carnations and the general line of stuff used in a first-class retail trade. Considerable space is given up to bedding plants, in which Mr. Mueller does a large business during the bedding season. A. Marquart, for many years with J. F. Wilcox, of Council Bluffs, is in charge. Credit is due him for the showing he has made during the six or seven months he has been with the establishment.

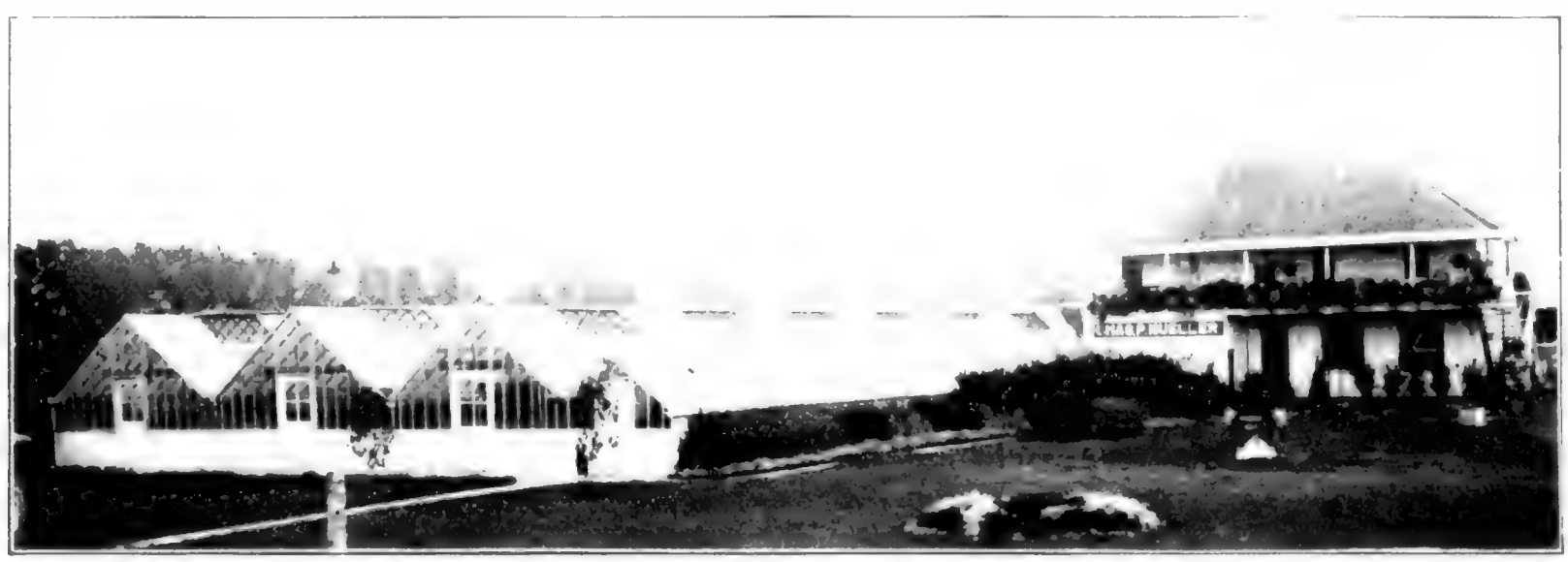
A NEW GREENHOUSE BRACKET.

In a large proportion of the greenhouses there is need for some sort of a bracket fastened upon the pipes which support the roof. Where the heating pipes are carried overhead a pipe hanger is essential and the economy of space often calls for the use of brackets upon which shelves may be placed to carry considerable weight. The bracket shown in the accompanying illustration is used by a large number of New England growers. It is manufactured by Buxton & Allard, Nashua, N. H., and has made its way so far west that the C. C. Pollworth Co., Milwaukee, has taken it up as general western sales agent. It is said that the iron brackets, when properly clamped to the pipes, will each carry a load of over a ton.

CRINUM YEMENSE.

Growers in general are well aware of the merits of Crinum Moorei, C. Powelli, and C. longifolium, plants that have been in cultivation for a long time, but the Arabian form of C. latifolium, says a writer in the Gardeners' Magazine, is wholly overlooked, despite its proved hardiness, compact growth, and giant inflorescences out of all proportion to the small size of the plants.

It belongs to the deciduous section, carrying little or no leafage in its native habitat of Yemen for longer than half the year. Under cultivation, it fits the English seasons admirably, growing throughout summer, flowering in August, and resting quietly throughout winter. The bulb is as round as an onion, with



Establishment of Charles P. Mueller, Wichita, Kan.



Autumn Flower Show at Suttgart, Germany, Showing Formality of Arrangement.

little or no neck, the leafage is two feet long and high, broad, and, in some measure, handsome also. The flowers rival those of any hardy crinum in magnificence, being pure white, six inches across the perianth, expanding fully, and average twenty in each umbel. The inflorescence is about a foot across, and not more than thirty inches high, being but slightly raised above the foliage. It makes a delightful pot plant for the cool greenhouse, thrives apace in the warm border quite unprotected, and gives no trouble at any time. I have grown the plant for eight years, and in some quantity, and can recommend it for its refinement, compact habit, and sweet fragrance. It flowers regularly about August, and every bulb throws a strong scape. C. latifolium has long been noted as the best of the large-flowered crinums for the temperate house, and its variety Yemense is equally as good a plant for the garden proper in everything save size.

STAGING EXHIBITIONS.

The German Arrangement.

The accompanying illustration from a photograph of the autumn flower show given in Stuttgart, Germany, November 10 to 15, 1906, is extremely interesting when compared with illustrations of our American exhibitions. Unfortunately I have no information covering the arrangement and, therefore, we are compelled to call upon our imagination as to the object and scope of the undertaking.

Evidently competition of exhibits the main incentive of our exhibitions—is eliminated and an effort to lay before the flower-loving public a grand, formal floral display is apparent. Extreme formality is ever present and each vase or boxed plant has its counterpart placed with mathematical precision in a balanced scale.

The whole flower space, 85x200 feet, is laid out into a formal garden, the beds in balanced pairs and evidently bordered by narrow wooden strips. Each plant or group is neatly and inconspicuously labeled and at the rear, where there appears to be a rustic bridge leading to a mysterious "somewhere," the directing signs are enclosed in rustic frames.

The whole arrangement shows a premeditated study of formal effects by a master mind and, as seen from an end balcony, must have been an interesting sight. W. C. EGAN.

GERMAN IRISES.

[An extract from an address by J. Woodward Manning, delivered before the Massachusetts Horticultural Society, January 12, 1907.]

The iris, or as popularly known the fleur de lis, rainbow-flower or poorman's orchid, etc., has more than 170 described pure species, of which about 100 have been cultivated at times by American horticulturists while somewhat more than 130 species are grown by English iris fanciers, among which, however, a portion fail to combine sufficient distinction, beauty or ease of culture to warrant their extended use. While, however, perhaps less than a hundred species are to be recommended for cultivation in American or particularly New England gardens, this is but a fraction of the number of varieties which by selection or cross fertilization have been produced and contribute most advantageously to garden ornamentation.

The surface rhizomed forms are more popularly known as German irises, though the true Iris Germanica is but one of many species. The dwarf forms are greatly neglected, being but seldom seen in American gardens, yet possessing great merit in their range of bloom and the earliness of flowering period. Iris pumilla is better known than the other species and growing about nine inches high bears in April showy flowers of deep purple in profusion. As an edging plant it has much merit and there are various selected varieties ranging from pearly white, through clear blues to the deeper colored typical form. Iris pumilla is certainly worthy of far greater use than has been the case in the past. I. verna, another dwarf species from the Carolinas is equally dwarf, quite prolific in bloom with purple shades and blooms about the same time. This does not show the improvement and fixed forms, however, that is true with the last species. The gem among dwarf irises, however, is the crested Iris cristata, only growing about six inches high with light green foliage. It forms a carpet of verdure and bears freely of light blue flowers beautifully blotched with golden yellow. I know no form of dwarf iris with as great adaptability of uses as this either for naturalizing or for varied garden usage.

For perfect hardihood, freedom of bloom and range of color we can with

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Iris Florentina, the orris root of commerce, is one of the most popular, and deservedly so, for over a hundred years it has occupied a conspicuous position in every large New England garden and during the period has lost none of its popularity. Free blooming, with flowers of pearly whiteness, it annually leads the way to the charms of the early summer garden flowers. There are three forms, the common type just described, the variety Albicans, of a purer white, and Princess of Wales, even more floriferous, with slightly longer flowers and the most deliciously fragrant of any German iris.

The crowning beauty of all German irises is traceable to the blood of Iris pallida, the broadest leaved of all, with sword-like foliage often attaining a height of two and one-half feet and an inch and a half across the blade. The flowers are borne on long stems bearing these flowers well above the foliage, altogether producing a most charming effect. The variety Dalmatica, or sometimes known as Princess Beatrice and occasionally in this country as Madam Almyra, is the finest, with immense flowers of a rich lavender blue and with a charming though subtle fragrance. Delicata is of weaker growth, with falls lavender, shading to white and French gray standards. Hybridizing has not improved this species.

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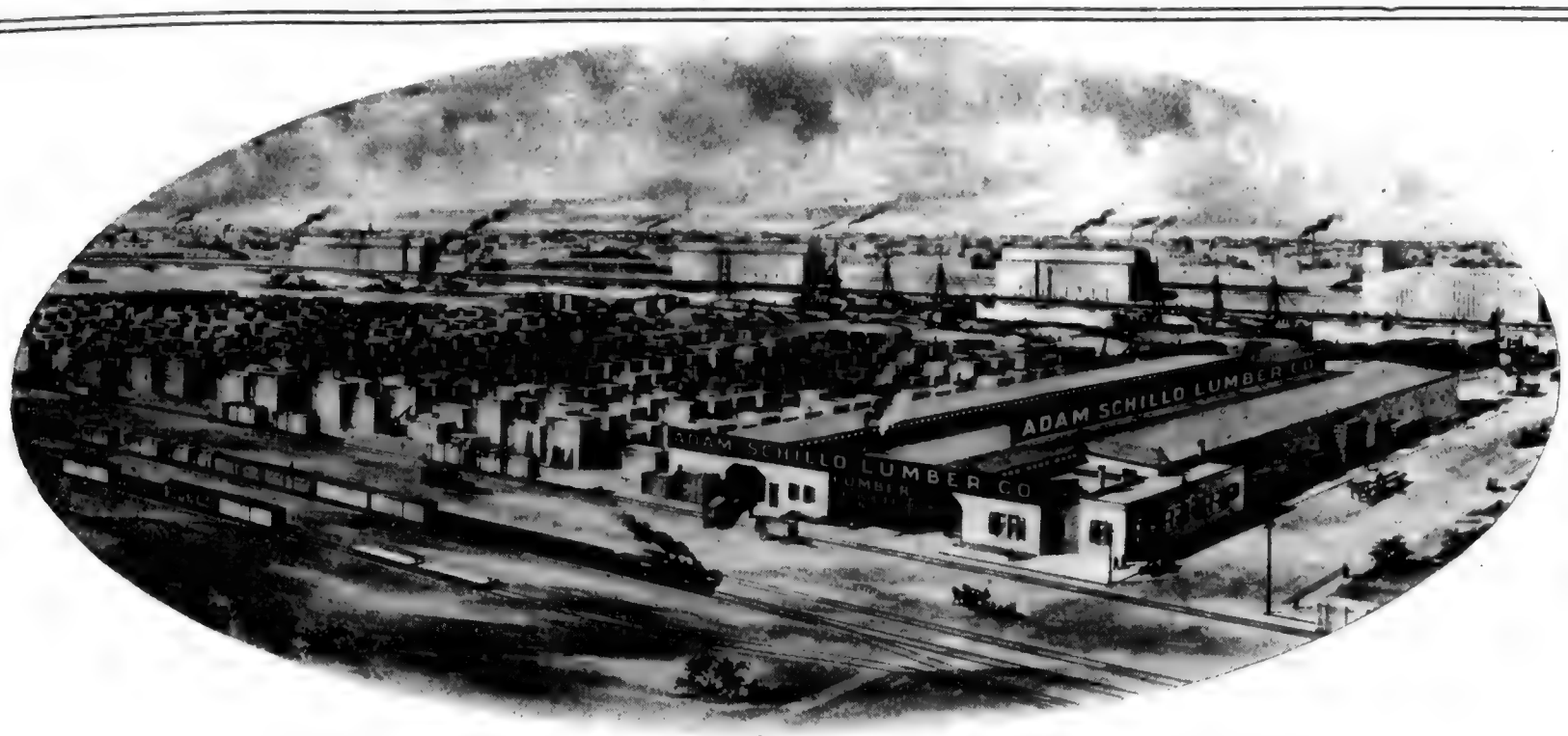
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Soft stuff, such as geraniums, heliotropes, etc., may be packed in the same manner with damp sphagnum at the roots, and dry excelsior or moss around the foliage for protection. Packed in this manner we have received large boxes of adiantums from Washington, D. C., and never lost over three per cent of the tender plants. Large shipments of the tender plants should be packed in separate boxes of from forty to fifty pounds each, or if packed in large boxes, a wooden partition should be nailed in after the box is half filled so the bottom layers will not have to carry the entire weight of the contents. Heating and decay are much easier avoided by this precaution.

Large cyclamens in bloom, Lorraine begonias, Adiantum Farleyense and plants of this nature travel best in the pots, standing upright in the box, the box crated to the full height of the plants, which must be staked and wrapped with from four to six thicknesses of paper. Tight packing between the pots is essential to avoid slipping.

Large palms, araucarias, dracænas, etc., with solid pot balls, should be cleated to the ends of the box, foliage to the center. Great care must be used to wrap and tie the root balls, as otherwise they will slip through the cleats and damage is the result. Such large plants should go by freight, at a season when damage by heat or cold is least expected.

During warm weather, ventilating holes must be cut in the boxes, and protected with wire cloth against rats. During cold weather boxes must be lined with several layers of paper and cotton, or corrugated pasteboard. We have received cases of palms in cold weather, the foliage wrapped in paper, and the spaces between the plants entirely filled out with short-cut straw. This is light and a good protector against zero weather.

Large roses, shrubs and trees for short distance shipping are best packed in bales. Damp straw between and around the roots, a layer of dry material over this, and the bale well tied with rope; over this a covering of burlap to make a clean package that will travel with safety and at special rate.

For freight shipments which are sometimes weeks in transit, strong boxes with iron corner straps are preferable, and plenty of moisture at the roots is the most essential necessity in this style of packing.

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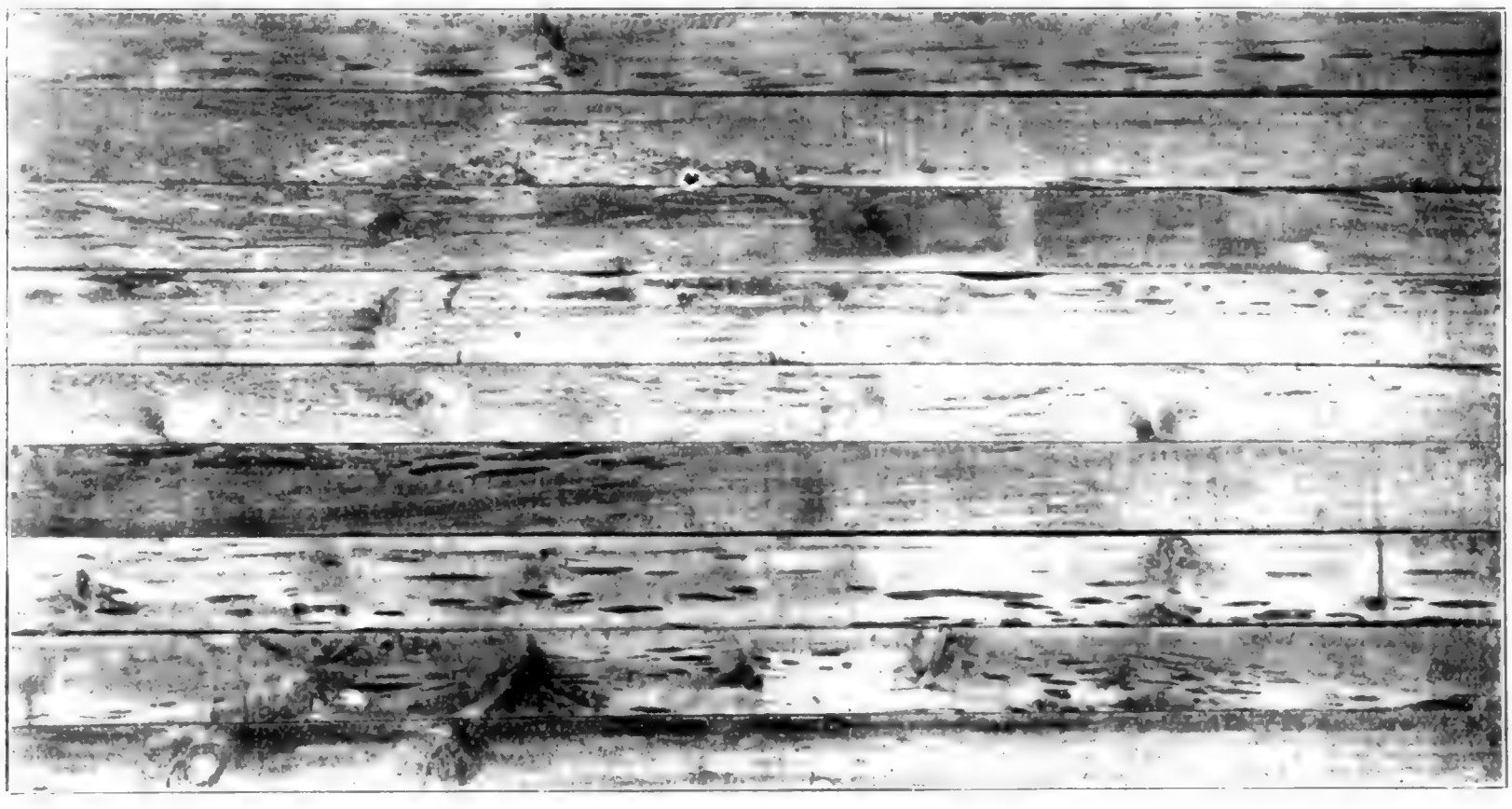
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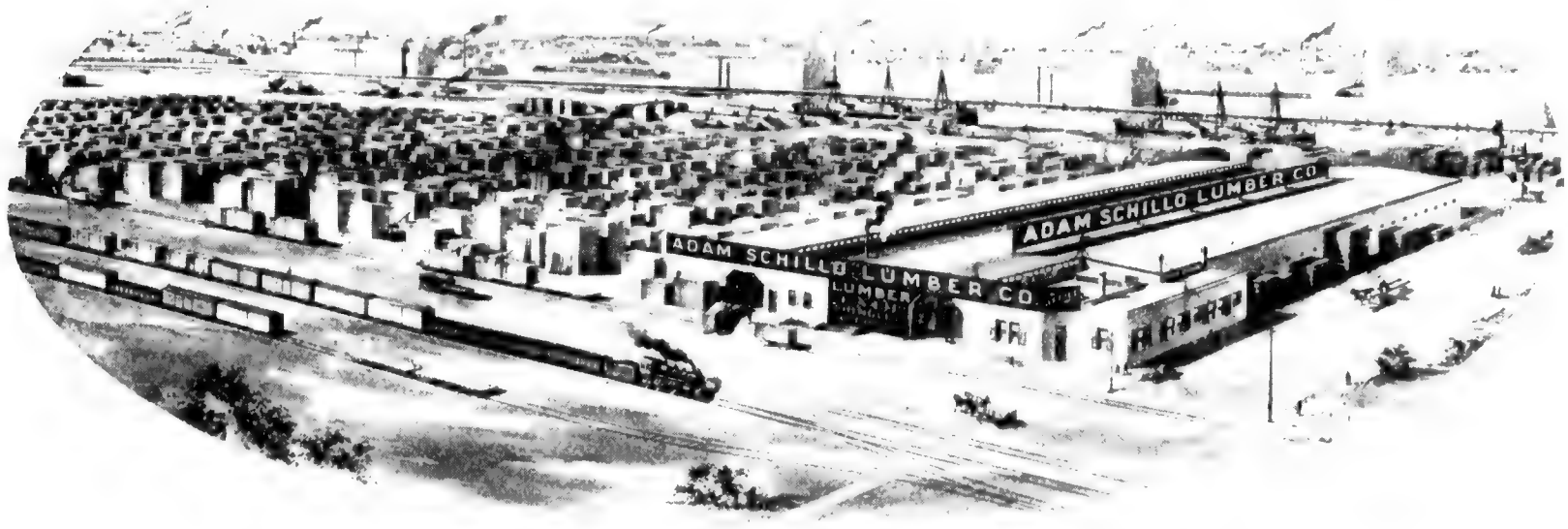
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Good Packing the Rule.

As a rule it is a pleasure to open a box of plants from most of our large shipping houses. Young roses in large collection, wrapped five of a kind in paper with a long wooden label, a layer of paper dividing the varieties, the box well filled so the plants can not move in transit; they will not get mixed or damaged, and the box being of proper strength, the express charges will add but little to the cost of the plants.

Soft stuff, such as geraniums, heliotropes, etc., may be packed in the same manner with damp sphagnum at the roots, and dry excelsior or moss around the foliage for protection. Packed in this manner we have received large boxes of adiantums from Washington, D. C., and never lost over three per cent of the tender plants. Large shipments of the tender plants should be packed in separate boxes of from forty to fifty pounds each, or if packed in large boxes, a wooden partition should be nailed in after the box is half filled so the bottom layers will not have to carry the entire weight of the contents. Heating and decay are much easier avoided by this precaution.

Large cyclamens in bloom, Lorraine begonias, Adiantum Farleyense and plants of this nature travel best in the pots, standing upright in the box, the box crated to the full height of the plants, which must be staked and wrapped with from four to six thicknesses of paper. Tight packing between the pots is essential to avoid slipping.

Large palms, araucarias, dracænas, etc., with solid pot balls, should be cleated to the ends of the box, foliage to the center. Great care must be used to wrap and tie the root balls, as otherwise they will slip through the cleats and damage is the result. Such large plants should go by freight, at a season when damage by heat or cold is least expected.

During warm weather, ventilating holes must be cut in the boxes, and protected with wire cloth against rats. During cold weather boxes must be lined with several layers of paper and cotton, or corrugated pasteboard. We have received cases of palms in cold weather, the foliage wrapped in paper, and the spaces between the plants entirely filled out with short-cut straw. This is light and a good protector against zero weather.

Large roses, shrubs and trees for short distance shipping are best packed in bales. Damp straw between and around the roots, a layer of dry material over this, and the bale well tied with rope; over this a covering of burlap to make a clean package that will travel with safety and at special rate.

For freight shipments which are sometimes weeks in transit, strong boxes with iron corner straps are preferable, and plenty of moisture at the roots is the most essential necessity in this style of packing.

THE WEEKLY FLORISTS' REVIEW

is printed Wednesday evening and mailed early Thursday morning. It is earnestly requested that all advertisers and correspondents mail their "copy" to reach us by **Monday or Tuesday** morning at latest, instead of Wednesday morning, as many have done in the past.

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SYDNEY B. WERTHEIMER, of Wertheimer Bros., New York, is sending his friends souvenir postals from Paris.

THERE is no place in which the old adage that prevention is better than cure applies with greater certainty than in dealing with insect pests in a greenhouse.

THE sessions of the S. A. F. executive board, in Philadelphia, March 11 and 12, will be held at the Hotel Walton.

THE REVIEW is in receipt of a box of seedling carnations from the Wenonah Carnation Gardens, Wenonah, N. J., several of which are of excellent promise. A large white is especially good.

THE DEATH ROLL.

William Adams Bruce.

William Adams Bruce died at his home in Jersey City, N. J., Tuesday, February 12, 1907. He was born in Brechin, Forfarshire, Scotland, in 1866, and served his apprenticeship as a seedsman with James Young in that city. After coming to America, Mr. Bruce was employed with the Cleveland Seed Co.; subsequently with Peter Henderson & Co., with which firm he remained ten years; later with James M. Thorburn & Co. as shipping clerk for about a similar period. Interment was in Bay View cemetery, Greenville, N. J., Friday, February 15. Mr. Bruce, who was well and favorably known by many in the trade, leaves a widow and two children to mourn his loss. D. A.

C. F. William Gentemann.

C. F. William Gentemann, of Quincy, Ill., passed away February 16 at Miami, Fla., where for the last three years he had spent the winter. It is not known what was the cause of his death; he was sick but a few days.

Mr. Gentemann was born in Germany sixty-nine years ago. He came to Quincy at the age of 15 years and becoming a trained florist secured a position with Governor John Hood. A few years later he went into business for himself. He was successful and five years ago retired, turning the business over to his sons, Herman and Phillip, and his daughter, Minnie. Besides these three, he leaves a wife, two sons, two daughters and three sisters. The interment took place at Quincy.

LILIES FOR SUMMER BLOOM.

Please tell me the best way to grow auratum and other lilies of the same class for summer bloom. M. A. B.

Lilies, such as auratum and speciosum, may be grown either in pots or planted outdoors for summer blooming. The latter is the more general plan. From pots an earlier lot of flowers may be had and it is possible to hasten or retard the plants, which, of course, is out of the question with outdoor-grown bulbs.

Bulbs of most of these lilies are purchasable in November, some sorts earlier. If they are to be grown in pots we prefer planting them in 8-inch to 10-inch pots, several bulbs in a pot in preference to a single bulb in a receptacle of smaller size. Use good loam and sand but no fresh animal manure. Put the bulbs quite well down in the pots and leave a space for top-dressing. As the plants start to grow place in a cellar, frost-proof shed or under the bench of a cold greenhouse. Do not attempt to force them as you would Harrisii, for they will not stand it.

Where outdoor culture is carried out the best times to plant the bulbs are in November and early April, the fall being the best time, for then the roots make considerable growth before spring. All varieties should be planted eight to ten inches deep, except in the case of L. candidum, which should not be covered more than four inches. A little shade is beneficial to nearly all lilies and a rather friable loam is preferable to heavy clay loam. A mulching of well-rotted manure or leaves over the plants when they start to grow is very beneficial.

A few of the best commercial sorts to grow are L. candidum, which should be planted not later than the middle of September, either outdoors or in pots; L. speciosum in several forms, such as album, Melpomene and rubrum, L. auratum, L. Henryi, rather high priced but a magnificent lily, propagating freely, very vigorous and free from disease; L. tigrinum splendens, L. superbum, L. Batmanniæ and L. elegans in variety. Of the foregoing L. candidum, auratum and speciosum are probably the best commercially and all are excellent for for pot culture. W. N. C.

CATERPILLAR AND BUTTERFLY.

Enclosed are leaves of a cineraria and a geranium, also a caterpillar and butterfly. Will you kindly let me know how to get rid of them, as they have done much damage? I have tried slug shot and spraying with nicotine, but it has done no good. A. W.

The caterpillar in question cannot be gotten rid of by spraying, and slug shot, excellent remedy though it be, is less effective than hand picking. Fumigation will kill the small butterflies. They should also be caught whenever possible. The only really effective method to clear out the worms we have found to be hand picking. If this is done carefully every day you will soon get them under control. This applies to several other varieties of caterpillars, which attack chrysanthemums, mignonette and other indoor plants. For the small worm which skeletonizes the foliage on marguerites spray frequently with Nico-Fume juice. It will clear it out.

W. N. C.

THE TRADE PAPER.

DEAR FLORISTS' REVIEW: — Enclosed please find the dollar to renew my subscription. I find great pleasure and profit in reading the REVIEW. It is the only paper in which I really enjoy reading the advertisements. One reason is that I find money in them. But one of the greatest helps I get from the REVIEW is enthusiasm. It is hard to do work that no one else is doing in your vicinity. Isolated florists in small places are very apt to become moss-grown, or if they do not, their stock does, and there is nothing like a good, live paper to brighten them up.

For twenty-one years I have kept account of my sales, and last year I broke all my previous records in amount of business and profit, but I hope to do even better this year. Everything looks bright, but I am still learning and hope always to be. Yours for success,

A. WAKEFIELD.

Waterville, N. Y., January 15, 1907.

SPRINGFIELD, ILL.—Albert T. Hey, the new president of the Illinois State Florists' Association, has been quite ill and was only able to sit up last week, at the time of the annual convention at Bloomington.

Longiflorums for Easter

We shall have a large supply of our usual good stock. We are booking orders NOW at $15.00 per 100; $150.00 per 1000.

Send Today's Order to Amling for

CARNATIONS

A large supply in all grades, including the finest lot of fancy stock to be found in the west. Especially strong on Enchantress.

BULB STOCK

Plenty of Tulips, all colors, single and double; also Jonquils and Daffodils, Callas and Harrisii.

Violets

Double and Single. Fine quality and lots of them.

Sweet Peas

White and Pink. Splendid quality and a large supply.

FANCY VALLEY ALWAYS ON HAND

CURRENT PRICE LIST

AMERICAN BEAUTIES		Per doz.
Stems, 30 to 36 inches		$5.00 to $6.00
Stems, 20 to 24 inches		3.00 to 4.00
Stems, 12 to 16 inches		1.50 to 2.00
Seconds		.75 to 1.00
Bridesmaid	per 100,	4.00 to 12.00
Bride	"	4.00 to 12.00
Chatenay	"	5.00 to 12.00
Golden Gate	"	5.00 to 12.00
Richmond and Liberty	"	5.00 to 12.00
Carnations, select	"	1.50 to 2.00
" large and fancy	"	3.00 to 4.00
Miscellaneous Stock		
Violets, N. Y. double	"	.50 to .75
" single	"	.50 to .75
Valley, select	"	2.00 to 4.00
Callas	per doz.	1.25 to 1.50
Harrisii	"	2.00
Mignonette	"	.50 to .75
Sweet Peas	per 100,	.75 to 1.50
Romans	"	3.00
Paper Whites	"	3.00
Jonquils, Daffodils	"	3.00
Tulips, all colors	"	2.00 to 6.00
Green Goods		
Asparagus Plumosus, per string		.35 to .50
" " per bunch		.35 to .75
" Sprengeri	per 100,	2.00 to 5.00
Adiantum	"	1.00
Smilax	per 100, $15.00; per doz.	2.00
Ferns	per 1000, $3.00; per 100,	.30
Leucothoe Sprays, per 1000, $6.50; per 100, 75c		
Galax, green and bronze, per 1000, $1.00.		
" " " " per case, 10,000, $9.00		
Boxwood	35c per bunch; $7.50 per case	

Subject to change without notice.
Store open 7 a. m. to 6 p. m. Sundays and holidays closed at noon.

E. C. AMLING

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-36 Randolph St. **Long Distance Telephones, 1978 and 1977 Central, 7846 Automatic** **Chicago, Ill.**

Mention The Review when you write.

CHICAGO.

The Great Central Market.

Ever since the first part of last week the market suffered because supplies were ahead of legitimate requirements in nearly all lines. The change from a long period of scarcity to one of abundant supply was so sudden that the large buyers of cheap lots did not have time to get their machinery in operation and it was not so easy to dispose of the accumulation as it will be as soon as the cheap sales stores through the country become awake to the fact that their busy season is at hand. This week finds a slightly improved demand, but city trade is still quiet and there are more than abundant supplies in all lines, with the possible exceptions of American Beauty and Bride roses.

The greatest difficulty has been experienced with violets. The spring crop is on and the receipts, both of locally grown singles and Rhinebeck doubles, are far the greatest of the year. The result has been that there have been no stable values. The select stock has been picked out at fair figures and the balance has been sold for whatever price it would bring, which was little indeed. The sidewalk salesmen have been able to use violets at 20 cents to 25 cents per hundred on pleasant days. When the temperature was below freezing they have had no use for them at any price.

Valley is a glut and daffodils, jonquils and tulips have been a decided oversupply, so that growers' averages are causes for complaint. Callas, which were scarce for months and selling at $2 per dozen, last week became so plentiful that, although many were sold, some were left to go to the waste barrel. Easter lilies are quite plentiful if one does not consider quality. Good ones are scarce, the bulk of the stock being short in stem and small and thin in flower.

The call for carnations has been dropping off wherever buyers have glass of their own. Receipts are probably four times as great as they were three weeks ago. There is some poor stock, but most of the receipts are fine. The legitimate demand leaves a large proportion of each day's cut to find its way out through the buyers of thousand lots, which means low averages. The price of carnations has been much ahead of last year all through this season up to the last week. Now it is below the same period for last year.

Roses are faring rather better than other items, for the crops are not so heavy. Quality is excellent and fair business is being done with roses. Brides are not equal to the demand and Beauties are not yet in large receipt, but cuts are coming on and there is report that supplies will be heavy at Easter. Chatenay is in good crop with several growers and Richmond is producing well.

The fern situation causes uneasiness. Green goods are not in special demand, but receipts are not heavy and it is not always possible to pick up stock wanted on late orders. The price of adiantum is advancing.

Carnation Green.

St. Patrick's day is March 17. It brings a demand for green carnations and all sorts of dyes are offered. Mrs. Frank Beu, in the Flower Growers' Market, is thought to have been the originator of green carnations, having exhibited them at the flower show in 1902. Mr. Beu brought knowledge of the formula from Germany years ago. Mrs. Beu says she sold over $100 worth of the dye at the Flower Growers' Market last year.

Lily Prospects.

The principal theme of discussion is the prospect for lilies being ready for Easter. In spite of the fact that several of the large growers say they will be on time, there is a general sentiment that supplies will be less than usual and prices

VAUGHAN
AND
SPERRY
58-60 Wabash Ave.
CHICAGO

SPECIAL
OFFERING OF
Seasonable
STOCK

VIOLETS
Fine Single and Double, 50c to 75c per 100.

VALLEY
Abundant at $3.00 to $4.00 per 100. Fancy stock always on hand.

Carnations
Heavy receipts of all varieties.
Good stock.....$1.50 to $2.00 per 100
Fancy stock..... 3.00 to 4.00 per 100

ROSES
Large cuts now on and prices lower. $5.00 to $10.00 per 100.

TULIPS
Plenty of all colors; common, $3.00 to $4.00 per 100; fancy, $5.00 per 100.

ALL OTHER BULBOUS STOCK IN LARGE SUPPLY

If you can use special large lots of our selection write, wire or phone for our

Special Quotations

There is no one able to serve you better.

Time to think about Your Easter Orders

Vaughan & Sperry
58-60 Wabash Ave.
CHICAGO

consequently higher. There is considerable difference in estimates as to what the market will be, but $15 per hundred is the price at which a number of houses are booking advance orders. It seems not unlikely that the market may go higher, but $15 is a better average than lilies ever made in this market, and a fair basis for early business. The later market will depend much upon the weather in the next three weeks.

Various Notes.

H. A. Vent, formerly with J. A. Budlong, will start in business for himself at Dekalb. He will grow asters and sweet peas this summer and expects to open a retail store next autumn.

The A. L. Randall Co. expresses pleasure with the results of the exhibition at Bloomington. A satisfactory number of orders were booked on the spot and others are coming in daily.

George Reinberg will carry over most of his rose plants this year. He will drop Liberty and Uncle John from the list. He finds Richmond much the most profitable red rose. A quantity of Richmond is being grafted, also a couple of houses of Killarney. Two houses are to be planted to Miss Kate Moulton and part of these will be grafted.

August Poehlmann, of the Poehlmann Bros. Co., reports a splendid business in young stock, the demand for cuttings of American Beauty being especially strong. He reports having received a number of orders for field-grown carnation plants for autumn delivery.

The Graff-Landfield wedding at the Unity Club Sunday evening was a large affair, a number of those in the trade attending.

C. L. Washburn says he thinks lilies will be generally scarce for Easter and refers to a number of inquiries received from those who usually grow their own lilies, but who this year will not have them in on time.

The Retail Florists' Association will meet at Handel hall this evening.

In the democratic primaries last week Peter Reinberg carried his ward for his friend, Harrison. Leonard Kill and a number of growers in the Rose Hill neighborhood were busy getting out the vote.

Anton Then writes from Magnolia Springs, Ala., that he is steadily improving in health.

Kennicott Bros. Co. will not move to its new location until after Easter.

At Washington park the show house is filled with finely flowered azaleas.

Notices have been received that T. Mosco, who formerly conducted the flower store in the Masonic Temple, has filed a petition in bankruptcy at Sacramento, Cal. He was in the debt of a number of wholesale houses.

The west park commissioners are soliciting bids for a range of conservatories and greenhouses to be erected in Garfield park. The ground space to be covered is approximately 230x302 feet. Six houses are to be built, averaging in height from twenty-five to sixty feet, the width from fifty to eighty feet, and surrounding a large court covered with glass. Bids are to be opened March 12.

E. C. Amling says the call for greens is about the strongest feature of the market at present.

Easter supplies are occupying a considerable part of C. W. McKellar's attention. He handles some nice gardenias.

Vaughan & Sperry say they do not ex-

E. H.
HUNT
The Old Reliable is now Booking
Orders For Easter

Let us hear from you as to your probable needs, especially on

LILIES

We shall have the goods—can compete with any house on quality and price. Write us today.

Plenty of all stock now in market except possibly Beauties. Quality fine and prices reasonable. :: :: ::

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36-inch	$5.00 to $6.00
24 to 30-inch	4.00 to 5.00
15 to 20-inch	2.00 to 3.00
8 to 12-inch	1.00 to 2.00

ROSES (Teas)	Per 100
Bride and Maid	$6.00 to $10.00
Richmond, Chatenay	6.00 to 1.00
Golden Gate and Uncle John	6.00 to 10.00
Perle	6.00 to 8.00
Roses, our selection	5.00
CARNATIONS	1.50 to 2.00
" fancy	2.00 to 3.00
" extra fancy	4.00

MISCELLANEOUS		
Violets, double	.75 to	1.00
Violets, single	.60 to	.75
Harrisii Lilies, per doz.		2.50
Callas, "	1.50 to	2.00
Valley	3.00 to	4.00
Paper Whites		3.00
Romans		3.00
Tulips	3.00 to	4.00
Daffodils, Jonquils	3.00 to	4.00
Sweet Peas	1.00 to	1.25

GREENS		
Smilax Strings, per doz.	1.50 to	2.00
Asparagus Strings, each	.50 to	.60
Asparagus Bunches, "	.35 to	.50
Sprengeri Bunches, "		.35
Adiantum, per 100		1.00
Ferns, Fancy, per 1000		2.50
Galax, "	1.00 to	1.50
Leucothoe Sprays, "		7.50
Boxwood, per 50 lb. case,		7.50

SUBJECT TO MARKET CHANGE.

Write or wire for special quotations on large lots.

E. H.
HUNT
76-78 Wabash Ave.
CHICAGO
L. D. Phone 1751

CHATENAY

We have a big cut of this popular rose, SPLENDID QUALITY.

ALSO LARGE SUPPLIES OF

RICHMOND and MAID

Send your orders for all stock in season, we have a full line.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Long stem	$6.00
30-inch	5.00
24-inch	4.00
20-inch	3.00
18-inch	2.50
15-inch	2.00
12-inch	1.50
Short	$ .75 to 1.25

	Per 100
Maid and Bride	$5.00 to $10.00
Uncle John	5.00 to 10.00
Chatenay	5.00 to 10.00
Liberty	5.00 to 10.00
Richmond	5.00 to 10.00
Sunrise	5.00 to 10.00
Perle	5.00 to 8.00
Golden Gate	5.00 to 10.00
Killarney	8.00 to 15.00
Ivory	5.00 to 10.00
ROSES, our selection	5.00

	Per 100
Carnations	$2.00 to $3.00
Valley	3.00 to 4.00
Violets	.50 to .75
Paper Whites	3.00 to 4.00
Romans	3.00 to 4.00
Callas, per doz.	1.50 to 2.00
Harrisii, "	1.50 to 2.00
Asparagus Plumosus, per bunch	.50 to .75
Ferns, per 1000	3.00
Galax, "	1.00

Peter Reinberg

1,500,000 feet of glass. **51 Wabash Ave., CHICAGO**

Mention The Review when you write.

pect the glut of violets to continue long and say prices now are no lower than a year ago.

The mother of the Wietor brothers celebrated her seventy-fifth birthday anniversary February 25. She is still strong and full of pride in her "boys."

The Benthey-Coatsworth Co. now has its new store in shape, resplendent in its several coats of white paint.

C. M. Dickinson, at E. H. Hunt's, says if the call for Easter supplies indicates what the cut flower demand will be, we have our biggest holiday almost in sight.

Roses are still moving briskly at Zech & Mann's, but carnations go a little slow. Shipping is good with them.

Sinner Bros. are just finishing setting a Sterling water tube boiler of 100 horsepower, equipped with a Martin rocking grate.

George S. Wood, who served many years as press agent for the Chicago flower show, was one of the passengers on the Pennsylvania's flyer that went into the Conemaugh river February 22. He escaped with a few bruises.

S. S. Skidelsky, Philadelphia, was a visitor this week.

The Foley Mfg. Co. has certified to an increase in its capital stock from $25,000 to $100,000.

HELENA, MONT.—Charles O. Horn and Miss Effie Wood were married February 21. The bridegroom is 30 years of age and has been in the florists' business for sixteen years. The bride, a popular young lady, has lived in Helena for a number of years. A reception and dance at Germania hall followed the ceremony.

ST. LOUIS.

The Market.

Business is holding up fairly well, as there is always something doing at the large establishments. Weddings and parties are scarce just now, but work for funerals kept up pretty well all of last week. In the downtown district they had a violet war last week, trying to corner the market by buying up all the violets at the different wholesale houses. In the residence districts the florists are not complaining much and say trade is much better than expected during Lent.

The expected glut in roses has failed to come. Only a few of any of the standard varieties are coming in, so prices on these remain firm. Carnations have dropped a few points. Enchantress is difficult to dispose of, as there are many more of this variety than any other. Lawson, Nelson Fisher and Bountiful are fine in quality and plentiful.

Violets, too, have dropped in price. Extra fancy bring only 40 cents now and $3 in thousand lots. Sweet peas are coming in more plentifully and some extra fine pink and white with long stems are in the market. Plenty of bulbous stock is in now, Dutch hyacinths, Von Sions, tulips, Romans and lily of the valley. Paper Whites are scarce. There are few lilies at present, more callas than Harrisii.

Shipping trade among the wholesalers is reported not so good at present.

Various Notes.

George M. Kellogg, of Pleasant Hill, Mo., called Friday of last week on his way to Hot Springs, Ark., with a party of friends. Mr. Kellogg called for a copy of the REVIEW and said, "That's one thing I have to have each week."

Alex Johnson will this spring build a large store and showhouse at the corner of Easton and Wellston streets. Mr. Johnson has fully recovered from his recent illness.

The St. Louis Horticultural Society held its regular monthly meeting February 19 at the Hamilton hotel, elected nineteen new members and revised the premium list for the spring show, which is to be held the first week in March in the Masonic temple, on Grand avenue. The list is now in the hands of the printer. There will be no charge for admission. It will be a society affair, appealing to our best people, and will be open from 9:30 a. m. to 10 p. m. President Harry Young says everything is in readiness for the show and looks for a large attendance. The list of prizes amounts to over $300, with a great many entries already in. Those wishing copies of the list should address Secretary Otto G. Koenig.

The Florists' Club's flower show committee met at the Rozier hotel February 20, and decided to return to the many subscribers their subscriptions they so kindly gave, with a letter explaining why they were returned. Their final report will be made at the next meeting of the club, March 14.

There are three vacancies for scholarships at the Missouri Botanic Garden. One is to be filled by the Missouri Horticultural Society and two by the trustees of the garden. Any one knowing a young man wishing a scholarship should make it known to the trustees. Another va-

Lilies for Easter

Our lilies are better than ever this year and we will have a big lot just right for Easter. We will book now a limited number of orders at $15.00 per 100; $150.00 per 1000. Later market sure to be higher.

All Cut Flowers Now in Good Supply

LET YOUR ORDERS COME

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
Extra long	$6.00
30 to 36-inch	4.00
20 to 24-inch	3.00
15 to 18-inch	2.00
	Per 100
Short	$8.00 to $12.00
Richmond, select, 36-in. stem	18.00
" " fancy	12.00 to 15.00
" " Medium	8.00 to 10.00
" " short	4.00 to 6.00
Maid and Bride, select, long	10.00 to 12.00
" " medium	6.00 to 8.00

	Per 100
Maid and Bride, short	$3.00 to $4.00
Chatenay, Gate, select, long	12.00
" " medium	8.00
" " short	4.00 to 6.00
Perle, Sunrise, select, long	8.00
" " medium and short	3.00 to 6.00
Carnations, Lawson and white	2.00 to 3.00
Select red, Enchantress, Prosperity	4.00
Good Split	1.50
Harrisii Lilies	20.00
Freesias	3.00 to 4.00

	Per 100
Paper Whites, Romans	$3.00
Valley, fancy	3.00
Jonquils and Daffodils	3.00
Mignonette, fancy, large spikes	6.00
Snapdragon, fancy yellow	10.00
Plumosus Sprays, Sprengeri	3.00
" Strings	50.00
Smilax	16.00
Galax	per 1000, $1.25
Ferns	per 1000, 2.50
Adiantum	1.50
Tulips	3.00 to 5.00

Write or wire for special quotations on large lots. Subject to change without notice.

POEHLMANN BROS. CO.

33-35 Randolph St. L. D. Phone Central 3573 **CHICAGO**

cancy will take place a year from this spring, which will be filled by the St. Louis Florists' Club.

John Burke reports that he has leased the corner of Sixth and Locust streets for ten years and will open one of the finest stores in the country.

The Foster Floral Co., at 507 Olive street, will soon have to vacate its store. Fred Foster says that he has new quarters in view near the old stand and will make known the new place within the next ten days.

Himmers Bros., out at Meramec Highlands, are cutting thousands of extra quality California violets. Nick Himmers reports that they will build a few new houses this summer.

R. W. Eastlick, who has established an office here of the Bombayreed Manufacturing Co., Columbia, S. C., reports quite a number of orders from the local trade and surrounding towns in Illinois and Missouri.

Miss Newman, at Spring avenue and Olive street, is making a grand show of blooming plants and choice cut flowers.

Charles Schoenle, on the south side, says that they have not as yet felt Lent. Business has been good in all lines, and it must be so from the amount of stock he buys each morning at the commission houses.

Walter Retzer, with Mrs. M. M. Ayers, on Grand avenue, is becoming a bowling fan. Walter was high man February 20 out of eight florist bowlers.

J. J. B.

New Castle, Ind.—Meyer Heller, of the South Park Floral Co., has been in New York for several days.

NEW YORK.

The Market.

Over in Connecticut the papers say the trailing arbutus has already lifted its sweet face above the snow. But that was a week ago and now we have the long, cold winter back again, the winter prophesied by William Scott and the beavers, and later by the ground-hog, whose prophesy to come true has only two weeks more to run. Saturday it was hugging zero again. Sunday we had a blizzard and all day the snow came down, until there were six inches on the level. Monday streets were impassable and business was at a standstill. Towards evening it moderated, so that the street merchants appeared with their violets and "25 cents a bunch" again was the cry for all the best shipments of Saturday and Sunday, for on Saturday night there were half a million violets in the boxes of the wholesalers. Scores of thousands were closed out as low as $2 a thousand and for the best of the few shipments Monday evening never more than 50 cents was offered. There is not any likelihood of advance from these figures before Easter, which now is only four short weeks away.

The American Beauty has surely demonstrated its place through all the depression as the queen of the floral realm. Its price does not retrograde, for of the best stock there is not enough for the demand. Maids and Brides fluctuate in price, top grades holding well at $12 and seldom for the poorest roses in the market has the cleaning out process taken them below $3.

Carnations are abundant and never were of better quality. But there are so many that prices have been greatly shaded and $3 to $4 will buy the finest of the new varieties. The bulk of the sales are made at $3 and under.

There are altogether too many tulips. Never has the market been so completely flooded at this season; $5 a thousand was the price Saturday for most of them, and $10 for narcissi. Valley in every grade is excessive in quantity and low in price. There are plenty of orchids. Gardenias have been cut in two, but lilies are maintained at last week's prices.

With clearer and warmer weather this week we look for a great increase in shipments of every kind of stock and we hope business may improve generally. To study the social calendar of the Sunday journals would indicate an extensive crop of events requiring flowers. But the call of Europe and the sunny south is depleting the ranks of the flower buyers rapidly. Many have already gone to France and the Mediterranean voyage is becoming popular.

The holiday last week hardly caused a ripple in the wholesale sea. A few loyal florists made their windows gay with red, white and blue effects, but the majority evidently forgot that the immortal George had ever lived.

The Club Dinner.

The Florists' Club's annual dinner, February 23, was a great success, except that where there should be 200 at these functions we have to be satisfied with little more than a quarter of that number. The hope of the toast-master that the room and tables would be dou-

LONGIFLORUMS FOR EASTER

$15.00 PER 100

Our reputation for having the **BEST LILIES** is because all our lilies are shipped in the original packages, packed at the greenhouses, thus avoiding bruising by second handling, and because they are from the most expensive bulbs, grown by the most careful growers.

CARNATIONS, large supply of all colors and grades, including fanciest stock in the market. Wire for quotations on large lots, as no one can beat the price or quality.

ROSES, $3.00 to $10.00 per 100.

VALLEY, extra select, $3.00 per 100.

DAFFODILS, double and single, $3.00 per 100.

WHITE LILAC, $1.25 per bunch; 6 bunches for $6.00. It is **the** spring flower and the crop now on is the finest of the season.

VIOLETS, large supply of both Double and Single, at lowest market price.

TULIPS, fancy La Reine, $3.00 per 100.

Cut Flower and Design Boxes

Our white enamel cut flower boxes are noted for their style, quality and attractiveness, being a pure white box with light green lining and made of heavy, moisture-proof cardboard. They are quite different from the ordinary run of inexpensive boxes. When once tried you will want no other. Full list of sizes and prices in our catalogue.

A. L. RANDALL CO.

Have you our Catalogue? Sent free on request.

19-21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

bled in 1908 is shared by all who enjoyed the reunion of 1907, which was the twentieth annual one. The decorations were worthy of a banquet of statesmen. A. J. Forsythe, of the St. Denis, was the artist and his work attracted a host of the guests of the big hotel. There were daffodils from John Young, Welcome from Dailledouze Bros., Alma Ward from C. W. Ward, Winsor from the F. R. Pierson Co., and orchids from Lager & Hurrell, this generous firm providing a handsome Dendrobium nobile for every guest.

The menu was fully up to the standard of the house and gave general satisfaction. During the progress of the dinner the Scotch airs of the orchestra so wrought upon the exhilarated sensibilities of Bob Berry and John Birnie that they burst into song and were ably seconded by the German melodies of Bobby Schultz. The stories of Jack McDonald and songs of Mr. Wade also were pleasing interludes. The whole evening was especially harmonious and it was long after midnight before the last of the guests departed. The Jersey contingent missed the last train, as usual, and were taken in charge by the Rickards brothers until morning.

President Totty filled the chair with dignity and suavity and Patrick O'Mara made an ideal toast-master, as usual. His introductions of the speakers were apt, humorous and sincere. He spoke eloquently of the broad interests that should actuate the club's members, the inspirations of the festive board, the æsthetic side of the florists' business and the divine spark of enthusiasm without which no one could become a successful grower. He dwelt upon the need of loyalty to the club and to the national society and closed a brilliant speech with a fine tribute to the character and ability of President Totty, whose response was full of confidence and glorious appreciation of the club's loyalty to his efforts in its behalf.

The toast to the S. A. F. was responded to by J. C. Vaughan, of Chicago. His theme was unity and organization and his plea for the national show at Chicago met responsive greeting. He spoke, too, of the wonderful development of the cut flower business during the last twenty years, illustrated with actual accomplishments in his own city, where from a market gardener a millionaire florist has evolved. He told of the messenger boy of that time, with his basket of Bon Silene, Saffrano, smilax, heliotrope and alyssum, the beginning of the commission business and now with twenty great wholesale houses sending products to every corner of the land. He also took occasion to commend the generous coöperation of the great city journals and closed with a strong invitation to New Yorkers to attend the national exhibition.

Mr. O'Mara paid a glowing tribute to the private gardener in introducing Harry Turner, who responded to the toast, "Estate Development." Mr. Turner gave an interesting account of his experiences in England and dwelt especially on the unlimited possibilities for the legitimate use of funds in his work and the beautiful results that could be accomplished.

To the toast, "The Agriculturist and the Horticulturist," Senator James F. Minturn, of New Jersey, responded. The senator was the surprise promised by the committee and landed by his friend, O'Mara, and his oration was fully up to the expectations, witty, eloquent, brilliant, historical.

The toast, "Our Night, and Memories of the Florists' Club," was ably responded to by Walter Sheridan, whose reminiscences of twelve years on the dinner committee covered all the ground of that eventful period.

The toast, "The Work of the Horticultural Explorer," involving "the bravery of the man who risks the dangers of discovery," was ably descanted upon by the intrepid orchid gatherer, John E. Lager, of Lager & Hurrell, Summit, N. J. His South American experiences were thrilling and most interesting. His story would fill a volume and some day it will, for Mr. Lager has a book on orchids on the way.

"Exhibitions and Educators" was expounded by John Birnie, who gave many interesting historical facts concerning the fine clubs and floral exhibitions in Jersey in former years. He also dwelt upon the claims of the "creators" and the discussions of the last few weeks concerning the new varieties of fruit and flower in the golden state.

Mr. O'Mara characterized "The Press" as the nation's educator, the voice of the people, free and untrammeled, and the horticultural press as pro bono publico. The toast was responded to by S. S. Butterfield, who declared that the "greatest trouble of the press was to keep from getting into trouble."

The final toast of the evening was

given in the early morning and, of course, was to the ladies, without whom there would be no floriculture, no garden of Eden, no anything. Every good word spoken for the gentler sex struck a responsive chord in the hearts of all, both benedict and bachelor, and so, after votes of thanks to the generous donors of the flowers, and the dinner committee, and the toast-master, and the Senator, the twentieth annual closed without the striking of a discordant note and with the strengthening of the ties of friendship among the club's members that should redound to its prosperity through all the year.

Various Notes.

It will be rose night at the club early in March and this and the Washington convention together will make the next meeting of special interest. The date is March 11 and a goodly number of the club's members have already arranged to attend the convention. There will probably be a special car for them.

Arthur T. Boddington is making a special run on spiræas for Decoration day and reports an unprecedented demand for everything in the seed and bulb line this season.

Siebrecht & Son are sending in from their New Rochelle conservatories daily an abundance of orchids, Killarney and blooming plants of every seasonable kind.

M. A. Bowe has had a grip experience of many weeks that has made the winter an unhappy memory. He is now convalescing rapidly. Dozens of the florists have had similar experiences. The epidemic has been widespread and few have escaped except the "health cranks," who claim exemption from all maladies.

Lecakes & Co. announce the arrival of a carload of wild smilax and the largest stock of galax they have ever stored.

Joseph Fenrich and B. S. Slinn, Jr., handle some grand white violets daily. The demand for these is fluctuating and nondependable. When they are wanted they easily double the price of the ordinary variety.

Charles Schenck, of Traendly & Schenck, and his bride have returned from their southern trip.

John J. Foley, who has been ill since Christmas, has recovered and is on deck at his headquarters on the Bowery as usual. His new "floral fotographs" are much in demand.

A visit to the growers now gives an excellent line on what the Easter stock will be. In Flatbush and Bay Ridge the J. M. Keller Co., Charles Zeller's Son, John Scott and Louis Schmutz have already a fine assortment on exhibition. Will Siebrecht, at Astoria, R. Dryer, at Woodside, Anton Schultheis, at College Point, and Mr. Darlington, The Hinode Co., Louis Dupuy and Pankok & Schumacher, at Whitestone, all have large stocks. Over in Jersey are the Julius Roehrs Co., Bobbink & Atkins, H. C. Steinhoff, F. Dressel and a host of others on whom the metropolitan market depends.

The sympathy of the trade goes out to the family of William Adams Bruce, whose death occurred on February 12, at Jersey City. He was the greatly appreciated shipping clerk of the J. M. Thorburn Co. for many years.

Mrs. Clarke, of Ft. Greene place, near Fulton street, Brooklyn, one of the pioneer florists of the Church City, has retired from business after thirty years of active and successful service.

John Wilson, the rose grower of the firm of Wilson & Hoyt, Short Hills, N. J., has patented a new greenhouse bench that promises to become popular. It is made of concrete reinforced with steel and is practically everlasting. These benches are now being installed in the establishment of Robert G. Wilson, on Greene avenue, near Fulton street, Brooklyn, the old Shannon place. Mr. Wilson has eight greenhouses here that are being completely repaired and modernized, as well as stables and other needed facilities for his rapidly growing business.

A. B. Kretschmar, of West Nyack, cousin of A. H. Langjahr, was married last week to Miss Kalesch, of Brooklyn. The Kretschmar brothers were formerly residents of Flatbush and Chas. Koch was the purchaser of their greenhouse interests there some thirteen years ago.

J. Austin Shaw.

Scranton, Pa.—The Scranton Florists' Club will have its first exhibition at Guernsey hall March 15.

South Bend, Ind.—The South Bend Floral Co. has been busy with some changes in its establishment. New iceboxes have been installed and Walter Tapper, a rose grower from Philadelphia, will take charge of the greenhouse.

Albany, N. Y.—W. C. King is about to move to a new location on the corner of Steuben and North Pearl streets, where he will enjoy more commodious quarters. The new store will have fifty feet of frontage and will be fifty feet deep.

THE ANNUAL

SPECIAL SPRING NUMBER

THE WEEKLY FLORISTS' REVIEW

For Easter, 1907

Will be issued on MARCH 21

IT WILL BE IN KEEPING WITH THE BEST PREVIOUS SPECIAL ISSUES OF THE REVIEW, AND THAT'S "ENOUGH SAID."

Advertisers who wish to avail themselves of this opportunity for putting their specialties before the WHOLE trade should

Get Copy to Us as Early as Possible

NEWPORT, R. I.

Current Comment.

It is not often that people living in Newport have reason to complain of the severity of the weather, but if it served any good purpose I would not blame them, even the old natives, for grumbling a bit at the weather we are having now. Just think of it! Zero for several nights in February, with the month of January as dark as London in a fog! Roses are scarce, and no wonder. How could they be otherwise under such conditions? If roses would bloom freely in weather like we have been having I would go home to Ireland and make a fortune growing Beauties. Roses are high—too high for Lent—but they are a distinct luxury, so it does not matter so much. Carnations are plentiful and of good quality, but the local supply is not equal to the demand; there are a great many shipped from Boston.

Last week an amateur minstrel company played in the opera house two evenings for the purpose of raising the sum of $2,000 to pay up the deficiency in the account of the carnival committee. The efforts of the minstrels during the first performance so pleased a local gentleman of means that the next morning he sent by messenger an order to several florists to make a large number of bunches of American Beauties and carnations for presentation to every lady participant. The result was a great scurrying to procure the necessary material. It was obtained, however, and the good-natured gentleman grumbled not a bit at the bills.

Tuesday evening, February 26, was

Novelty Tulips

$4.00 to $5.00 per 100

The only item we see scarce is American Beauties. Send us your orders for all cut flowers in season.

WILD SMILAX

Large Supply Constantly on hand. Fine quality. Large cases, only $5.00.

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS

40-42-44 Randolph Street, CHICAGO

L. D. Phone, Central 466.

CURRENT PRICES

	Per doz.
BEAUTIES	
30 to 36-inch	$5.00 to $6.00
24 to 28-inch	3.00 to 4.00
15 to 20-inch	1.50 to 2.00
8 to 12-inch	.50 to 1.00
Shorts	.75
ROSES (Teas)	Per 100
Bride and Maid	$5.00 to $10.00
Richmond	6.00 to 12.00
Golden Gate and Uncle John	5.00 to 10.00
Chatenay	5.00 to 12.00
Roses, our selection	5.00
CARNATIONS	1.50 to 2.00
" fancy	3.00
" extra special	4.00
MISCELLANEOUS	
Violets, double or single	.60 to 1.00
Harrisii Lilies, per doz.	1.75 to 2.00
Callas, "	1.50 to 2.00
Valley	3.00 to 4.00
Romans	3.00
Tulips	3.00 to 4.00
Daffodils, Jonquils	3.00 to 4.00
GREENS	
Smilax Strings, per doz.	2.00
Asparagus Strings, each	.40 to .50
Asparagus Bunches, "	.35 to .50
Sprengeri Bunches, "	.35 to .50
Adiantum, per 100	1.00 to 1.50
Ferns, common, per 1000	2.50
Galax, "	1.00 to 1.50
Leucothoe Sprays, per 1000, green,	.75
Leucothoe Sprays, " bronze,	1.00

SUBJECT TO MARKET CHANGE.

Mention The Review when you write.

Wietor Bros.

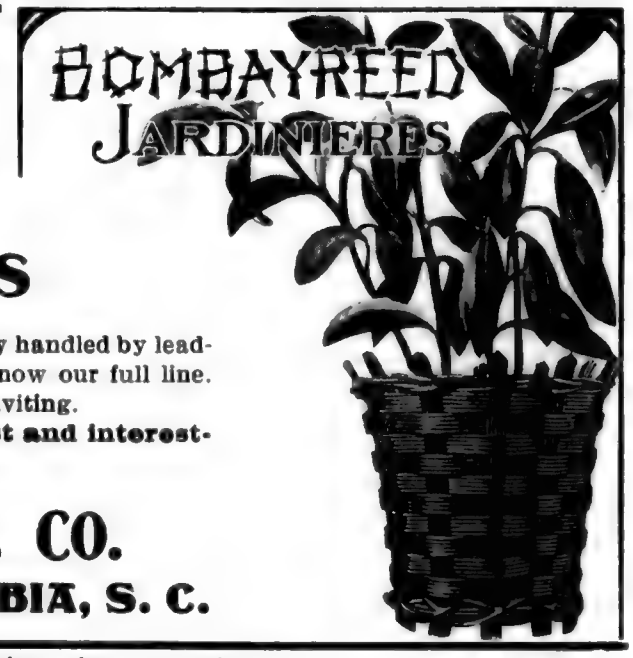
51 Wabash Avenue, CHICAGO

Current Price List

AMERICAN BEAUTIES	Per doz.
Long stems	6 00
30-inch	5 00
24-inch	4 00
20-inch	3 00
18-inch	2 50
15-inch	2 00
12-inch	1 50
Short	$0 75 to 1 25
	Per 100
Maid and Bride	$5 00 to $10 00
Uncle John	5 00 to 10 00
Chatenay	5 00 to 10 00
Richmond	5 00 to 10 00
Perle	5 00 to 8 00
Golden Gate	5 00 to 10 00
Killarney	8 00 to 15 00
ROSES, our selection	5 00
Carnations	2 00 to 3 00
Valley	3 00 to 4 00
Violets	50 to 75
Paper Whites	3 00 to 4 00
Romans	3 00 to 4 00
Callas, per doz.,	1 50 to 2 00
Harrisii, "	1 50 to 2 00
Asp. Plumosus, bunch,	50 to 75
Ferns, per 1000,	3 00
Galax, "	1 00

Mention The Review when you write.

BOMBAYREED Window Boxes and Jardinieres



are the best on the market; largely handled by leading florists. We want YOU to know our full line. YOU can use it. Prices low and inviting.

Write today for price list and interesting catalogue.

BOMBAYREED MFG. CO.

COLUMBIA, S. C.

Mention The Review when you write.

ladies' night. A most enjoyable evening was spent. J. T. Allen is chairman of the entertainment committee. There are two objects in view in having one or more ladies' nights every winter. The first, of course, is due to consideration for the enjoyment of the ladies themselves. The next and secondary consideration is the recognized belief that the ladies are responsible, one way or the other, for the attendance of members at the meetings. It is hoped that in future they will look at it in the way of one good turn deserving another and will place no obstacles in a member's way when desiring to go to the meetings. However, I will let you know later how it will turn out.

The excellent project of school gardens is now receiving the attention here it deserves. Last year at one large school the children in several grades took great pains with their plots in the school garden. This year it is hoped that several schools will fall in line and perhaps enter into friendly rivalry for the best kept garden as a whole and for the best products. The Horticultural Society will offer eighteen premiums, all cash, for flowers and vegetables, the products of these gardens. There is also a likelihood of several special premiums being offered for the children's garden products.

Newport, as nearly everybody knows, is a blaze of glory in the summer. In the majority of places there is but little grown in the way of cut flowers on private places. There are, however, a few notable exceptions. The most prominent of these is Sea Verge, Commodore Gerry's place, where there is an immense range of glass, in part devoted to the growing of flowers and fruit for shipment to New York in winter. Arthur Griffin is gardener in charge here, and if there is one thing he excels in more than another it is melons, with which he has had the greatest success imaginable uninterruptedly for a number of years. But this year I think he would rather somebody he was not overfond of had the job of growing them instead of himself.

The seedsmen have come and gone, and good luck to them; I mean next year and every other year. Poor fellows, they have rather a hard time of it, there are so many of them; but I think that on the whole they fared pretty well this year. Everyone has a novelty or two, some a dozen. Let them keep up the novelty business; there is money in it. What we need now is a good novelty in the plant line. Who will give us a good one?

RALPH REILLY.

PEORIA, ILL.—A. Jacobs has gone out of business.

ERIE, PA.—Verne Schluraff, of the Schluraff Floral Co., has sold out his retail store, on State street, to Charles D. Offerle, of Warren, Pa. Mr. Schluraff intends to go into the wholesale growing business.

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO

We are handling the choicest line of . . . . . **Carnations**

in the Chicago Market. Exclusive supplies of Rudd's "Blue Ribbon" red and pink seedlings for fancy trade.

—HEADQUARTERS FOR—

Wild Smilax, Boxwood, Ferns, Galax, Etc.

The Largest Stock of

Up-to-Date Florists' Supplies

and Manufacturers of "Up-to-date" Wire Designs in the West.

—CATALOGUE FREE—

CURRENT PRICES

BEAUTIES	Per doz.
30 to 36 inches	$5.00 to $6.00
20 to 24 inches	3.00 to 4.00
12 to 15 inches	1.50 to 2.00
Shorts	.75 to 1.00
ROSES	**Per 100**
Bride and Maid	$5.00 to $10.00
Richmond and Liberty	5.00 to 10.00
Golden Gate and Uncle John	5.00 to 10.00
Chatenay	5.00 to 10.00
Killarney	8.00 to 15.00
Roses, our selection	5.00
CARNATIONS	1.50 to 2.00
" fancy	3.00 to 4.00
MISCELLANEOUS	
Violets, double	.75
" single	.50 to .75
Harrisii Lilies, doz., $2.00 to $2.50	
Callas " 1.50 to 2.00	
Valley	3.00 to 4.00
Paper Whites and Romans	3.00 to 4.00
Jonquils, Daffodils	3.00 to 4.00
Sweet Peas	1.00 to 1.50
Tulips	3.00 to 5.00
GREENS	
Smilax Strings, per doz.,	2.00
Asparagus Strings, each,	.40 to .50
Asparagus Bunches "	.35 to .50
Sprengeri Bunches "	.25 to .50
Adiantum, per 100	1.00 to 1.50
Ferns, common, per 1000	2.50
Galax, Green and Bronze "	1.00 to 1.50
Leucothoe Sprays "	7.50
Boxwood, 50-lb. case,	7.50

Prices Subject to Change Without Notice.

Mention The Review when you write.

Headquarters for Best Roses

and all other stock in season now removed to Room 202, on the second floor of the Atlas Block, cor. Wabash and Randolph, where we shall be better fixed than ever, and just as anxious to serve our customers.

The Benthey-Coatsworth Co.

Wholesale Cut Flowers, 35 Randolph St., Chicago

Mention The Review when you write.

WASHINGTON.

The Market.

One of the coldest waves of the winter struck Washington February 22, but seemed to affect the stores in no way, as little vacant space is found. Trade is brisk and prices still remain high, owing ing to a scarcity, especially of cut flowers. There was a rather large shipment of carnations into the District from Pennsylvania Saturday, which caused a slight stagnation in the market. Notwithstanding an abundance of sunshine home-grown flowers are still scarce and readily command good prices. Lilac is rather plentiful and is the best seller just now. Good azaleas at reasonable prices are in abundance but move slowly. Bulbous stock is not so much in evidence since the beginning of the Lenten season, as most growers are retaining the bulk of their stock for Easter. There are a good many dinners among the society people, which afford the retailers considerable decorative work.

Various Notes.

The next regular monthly meeting of the Washington Florists' Club, and the annual election of officers, will take place at Gude's hall, 1214 F street, N. W., March 5. This will be an important meeting, the last prior to convention. We should be glad to see any of our out-of-town friends who happen to be in the city that night.

Enchantress is endeavoring to be long remembered not only for its value to the trade as it now stands, but by reason of its descendent, Rose-pink Enchantress. We hear of the latter from several sections of the country. Two fine sports, so far as is known identical with the first, have favored at least two Washington growers this season. J. L. C.

BOSTON.

The Market.

Trade is slower than a week ago. Flowers are much more abundant, with the single exception of roses, which still continue scarce. The weather has been unusually severe, the lowest readings of the winter being recorded February 23 and 24. Roses are not yet sufficient for demands and prices hold up remarkably well. Beauties are scarce, of the better grades, but more Richmond and Liberty are seen. Killarney is coming in of fine quality and maintains its popularity. Bride and Maid should be fairly plentiful within a few days.

No particular change in prices of either carnations or violets is noted, although both are selling slower than a week ago. Bulbous stock is in large supply, but there is no glut as in previous years. Sweet peas keep about $1 per hundred and are fine from several growers. Lilies and callas are sufficient for all requirements. Some good antirrhinum is seen, bringing up to $2 per dozen stalks. A variety of other spring flowers are now coming in. Smilax is rather scarce, but adiantum and Asparagus plumosus and Sprengeri are in good supply.

Various Notes.

Welch Bros. report business as excellent. In their commodious new quarters they will be able to handle a tremendous Easter trade in plants and flowers and they expect it to far exceed all past years.

Mann Bros., who are large bulb growers, are bringing in fine lots of that beautiful double orange tulip, Couronne d'Or.

There was a large attendance at the funeral of Mrs. William R. Nicholson, at Framingham, February 22, including many in the trade. The floral designs were numerous and beautiful. The sincere sympathy of a large number of friends goes out to Mr. Nicholson in his bereavement.

A large number of florists and gar-

We will have a fine cut of Single and Double

VIOLETS Every Day

La Reine Tulips are Fine.

Carnations

Are the best ever seen in this market, and the supply is about equal to the demand.

Roses of Quality are Coming in

in quantity equal to the demand.

Sweet Peas and Pansies

ARE FINE

CURRENT PRICE LIST

AMERICAN BEAUTY		
36 to 40-inch stem	per doz.,	$8.00
24 to 30-inch stem	"	6.00
20-inch stem	"	4.00
15-inch stem	"	2.50
12-inch stem	"	1.50
Bride, Bridesmaid	per 100,	$6.00 to 15.00
Chatenay	"	6.00 to 15.00
Meteor	"	6.00 to 15.00
Carnations	"	1.50 to 3.00
Valley	"	3.00 to 5.00
Violets	"	.75 to 1.00
Peas	"	1.00 to 1.50
Romans	"	2.00 to 3.00
Single Daffodils	"	3.00 to 4.00
Tulips	"	3.00 to 4.00
Asparagus	per string,	.25 to .50
" Sprengeri	per 100,	2.00 to 4.00
Galax, green	per 1000, $1.25; per 100,	.15
Adiantum	"	1.00
Smilax	"	20.00
Dagger Ferns	per 1000, $2.50 "	.25

Subject to change without notice.

The Cleveland Cut Flower Co.

Long Distance Phones CLEVELAND, OHIO

deners attended the state house hearing on the steam boiler question February 21. It is pretty generally believed that florists and market gardeners will be exempted from the rather drastic provisions of the proposed law. There were no less than fourteen bills dealing with steam boiler legislation.

Peter B. Robb, of Whitinsville, has in flower a finely grown plant of the beautiful Cattleya Trianæ Amesiana. The sepals and petals are pure white, with a broad band of delicate pink shaded with violet on the edge of the lip. This is one of the most unique forms of Cattleya Trianæ in existence.

H. H. Barrows & Son, of Whitman, have a fine exhibit of their Nephrolepsis Whitmanni at the Park street flower market. They have another new sport which promises to be even better than their two previous introductions.

W. W. Edgar & Co. have the finest lot of lilies, azaleas and other Easter plants in their history. They report a small proportion of diseased lilies.

Seed merchants report a satisfactory mail trade, but state that the unusually severe weather is delaying market gardeners from purchasing their supplies.

Music at the coming spring exhibition will be furnished by an excellent ladies' orchestra, which will be a pleasing innovation.

Professor F. W. Rane, state forester of Massachusetts, lectured on "Forestry from a Commercial Standpoint," at Horticultural hall, February 23. A lively discussion followed the lecture, which denoted a keen interest in the reforestation question.

William Sim, and not S. J. Goddard, exhibited the splendid sweet peas at the club meeting February 19. Mr. Sim also showed the new Boston violet in splendid condition. A telegraphic blunder also gave Mr. Morton an addition to his real name.

Primula Kewensis, as shown by Thomas Coles at the last club meeting, took every eye. Mr. Coles states that he gave it precisely the same treatment as Primula obconica. It should make a popular commercial plant. The flowers are fragrant and bright yellow, produced in whorls, on stout flower scapes twelve to eighteen inches high.

February, 1907, will be long remembered as one of the coldest winter months on record. The cold wave of February 22, 23 and 24 was severe, readings from 10 degrees to 30 degrees below zero being recorded within thirty miles of Boston. The abundance of snow pleases lumbermen, but florists will be glad to see the last of it.

Henry Wild, of Greenwich, Conn., spent a few days in town last week and attended the club meeting.

Carnation night at the Gardeners' and Florists' Club will come March 19, the same week as the annual spring exhibition. Those having novelties are invited to forward same for these meetings.

W. H. Elliott is having great success with Killarney and Richmond roses at his Madbury, N. H., establishment, and is sending in splendid flowers of both varieties. W. N. CRAIG.

FINDLAY, O.—J. J. Waaland has purchased the stock of plants of S. M. Hartman, at Van Buren, and will add it to his stock here.

MARION, IND.

The marriage of Gunnar Teilmann and Miss Maria Banz took place Wednesday evening, February 20, at the Teilmann home, north of the city. This announcement will come as a complete surprise to the many friends of Mr. Teilmann. Miss Banz had been in America two years, coming here from Germany. She was a niece of the first Mrs. Teilmann, who died several months ago, and during her sickness she was a faithful attendant and nurse. The Rev. Bennett performed the ceremony in the presence of a few friends.

NEW ORLEANS.

Current Comment.

The winter of 1907 will be remembered as one of the mildest we ever had. We know of many florists in New Orleans who will count the coal they have been using by the barrels, or even by the buckets, and this only to keep their plants from becoming chilly. This is one point in our favor.

Superintendent Joseph Bernard, of the City park, is planting thousands of roses and trees.

The New Orleans Horticultural Society held its annual meeting last week. The committee of revision of by-laws presented an amendment to the mode of election to membership and also recommended the appointment of a subtreasurer during a flower show. Both amendments were approved. After the transaction of business relative to the last convention the meeting adjourned. The committee of arrangement of the

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TULIPS **PANSIES** **FREESIAS**
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next chrysanthemum show met and the prize list was partly fixed so the school children will be given a chance to compete by a free distribution of plants, and this was a good proposition, brought by Paul Abele. M. M. L.

PHILADELPHIA.

The Rising Eastern Market.

The market has shown further shrinkage in values during the last week, noticeable especially on carnations, sweet peas, lilac and valley. Mignonette, too, has depreciated, owing, chiefly, to lack of quality. It is rather difficult for bulbous flowers to depreciate in value, Golden Spur, as recorded last week, being lower than in the memory of man. Tulips, too, are pretty cheap; even the buyers say that and the quality in general is fair. Daffodils are rather less plentiful than a week ago, but they, too, are cheap. Freesia has passed its glory. There are plenty of good flowers about, but they are less plentiful and lower in price. Paper Whites can still be seen, but Romans are practically over, so far as the quality is concerned. Easter lilies have fallen off a trifle, and white lilac can now be had at bargain prices. Violets are in good supply, of fine quality, and at the current prices, which are fair for the season, they sell pretty well, the street men clearing up the day-old stock at reasonably good figures. Carnations are in moderately good supply, of fine quality and in fair demand. Roses shortened up a trifle since a week ago. Some fine Bride, Bridesmaid and Richmond are coming in. Beauties are so scarce that the extra and medium grades are practically out of the market, specials of fair quality and what the street terms "bum shorts," being in evidence. Sweet peas are plentiful and of fine quality. Pink are in fair demand, but white are rather hard to sell. Prices are unusually low for the season. Greens have been selling well.

Pittville.

During the spring months our florists may be divided into two camps, one embracing West Philadelphia and the centrally located stores professing allegiance to Jacob Becker; the other embracing North Philadelphia, Kensington, Tioga and Germantown, who follow the banner of Charles Meckey. Their rule is as absolute, though less arbitrary, than that of Senator McNichol or of the Vare brothers. For every florist who wants good roses, geraniums or other garden plants encompassed by well burnt clay in standard sizes knows one or the other of these places to be his Mecca at some time during the busy spring.

Great, then, was the consternation in North Philadelphia, Kensington, Tioga and Germantown when it became known last summer that Charles Meckey had pulled up his stakes, removing his entire plant from the built-up section at Seventeenth and Erie streets to a place called Pittville, nobody knew just where. The Review, being, as you know, most progressive, dispatched Phil to ascertain where that might be. It proved an easy task, the Willow Grove trolley connecting with those in Chelton avenue to Limekiln pike, and there you are.

Mr. Meckey, Jr., was hard at work but kindly led the way through some fifteen well-built houses. About two-thirds are the old houses rebuilt, the remainder being entirely new. The place, containing some 40,000 square feet of glass, is built in the shape of the letter L, bound by a connecting passage way. The new rose houses are one side, running east and west. The older houses run north and south, opening into as fine a boiler and packing shed as could be wished. The half of the shed devoted to the heating apparatus contains three large hot water boilers and is open up

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ORDER NOW. OUR STOCK IS SUPERB.

Fancy Baskets, an immense collection.
Fancy Green Sea Moss, beautiful in small baskets for house decoration.
Fancy Pot Covers, our specialty. Name standard pot sizes you wish to cover. We will fit them properly.
Fancy Hampers, for Daisies. The swellest novelty out. They are round, steel gray. Flowers hand painted, all sizes.
Fancy Crepe Papers, very choice. Two colors in each. Combinations for every variety of blooming plant.
Fancy Grecian Toneware, graceful lines, soft colors. A vase that appeals to every one. All sizes.

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VALLEY THE FINEST IN AMERICA

$3.00 and $4.00 per 100.

We Have an Exceptionally Fine Stock of..... **Well Rooted Carnation Cuttings** From the Best Growers, As Follows:

	Per 100	Per 1000
Craig	$5.00	$45.00
Victory	6.00	50.00
Haines	6.00	50.00
Peary	3.50	30.00
Bountiful	3.00	25.00
Goddard	6.00	50.00
Enchantress	$2.50	$20.00
White Lawson	2.50	20.00
Harry Fenn	2.50	20.00
Lawson	2.00	15.00
Red Sport	3.50	24.00
Patten	2.50	24.00
Queen	$2.00	$15.00
Cardinal	3.00	25.00
Flamingo	3.00	25.00
Var. Imperial	10.00	100.00
Pink Imperial	10.00	100.00

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Michell's Spring Bulbs

A large, complete stock of all the important varieties.

		100	1000
BEGONIAS			
Single, separate colors		$2.75	$23.50
Single, mixed colors		2.50	22.00
Double, separate colors		5.00	40 00
Double, mixed colors		4.00	30.00
CALADIUMS, Esculentum, (Elephant Ear).	Doz.	100	1000
Mammoth bulbs	$1 35	$10.00	$95.00
First size bulbs	1.00	7.25	70 00
Second size bulbs	.75	5.00	47.50
Third size bulbs	.40	3 00	27.50
CALADIUMS, Fancy Leaved			
Named sorts	per doz., $1.35	per 100,	$10.00
Mixed	" 1.00	"	8.00
CANNAS			
Large bulbs, with two and three eyes, we offer below a few of the most important.		100	1000
Alphonse Bouvier, crimson		$3.50	$30.00
Alemannia, salmon		3 50	30.00
Austria, yellow		3 50	30.00
Chas. Henderson, crimson		3 50	30.00
Egandale, cherry red		4.00	35 00
F. Vaughan, yellow, spotted red		3.50	30 00
J.D. Eisele, crim'n, yellow throat		5 00	47.50
Mme. Crozy		4 00	37 50
Pres. McKinley, scarlet, also all other varieties		3.50	30.00

	Doz.	100	1000
CINNAMON VINES			
Strong tubers		$2 50	$20.00
GLOXINIAS			
Mixed, all colors	50c	$4.00	$35 00
Separate colors	60c	4.00	35.00
GLADIOLUS		100	1000
Scarlet and crimson		$1 00	$ 9.00
White and light		1.75	15.00
Striped and variegated		2.00	19.00
Yellow		2 50	24.00
Fine mixed, all colors		1 00	8 00
Very choice, all colors		1.25	10.00
Groff's Hybrids, mixed, all colors		1.50	14.00
Also all other sorts.			
JAPANESE HARDY LILIES	Doz.	100	1000
Auratum, 8 to 9-inch	$0.75	$5 25	$47.50
" 9 to 11-inch	1.10	7.50	70 00
Album, 8 to 9-inch	1 00	7.00	65 00
Rubrum, 8 to 9 inch	.85	5.75	52 50
" 9 to 11-inch	1.10	8 00	76 00
Melpomene, 8 to 9-inch	1 00	7.25	65 00
Magnificum, 8 to 9-inch	1.00	7 00	65.00
" 9 to 10-inch	1.20	8 00	76 00
MEXICAN VINES			
Strong tubers	.30	2.00	17.50

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to the roof of the shed, the idea being to insure against fire. The sides of the boiler-pit are of stone or concrete. The other half of the shed, which is perhaps 40x75 feet, is for potting and loading the wagons. The moving and building, which occupied the entire summer and part of the autumn, interfered with the usual fall crop, but indications were seen everywhere of a large output this spring. There is a fine barn and plenty of land, but even out here the place is already bordered by a fringe of dwelling houses.

Various Notes.

B. Eschner, of M. Rice & Co., returned on Monday after a seven weeks' business trip. Mr. Eschner says that he never saw the country in more prosperous condition. His test of prosperity is his order book.

J. D. Eisele has returned to Riverton safe and sound, after a stormy passage across the Atlantic.

Berger Bros. move on Friday to their new quarters, formerly occupied by Dumont & Co., 1305 Filbert street. They take with them all their consignors and present business and add the business of the former tenants. Stockton & Howell, of Princeton, N. J., are sending them extra fine Brides and Bridesmaids.

Frank Gaul, manager of the Century Flower Shop, is ill with typhoid fever at his home in Darby. Mr. Gaul has many business friends who wish him a speedy recovery.

The managers of the Florex Gardens are busily engaged receiving and storing the material for the mammoth new house, which will cover an acre and a half of ground.

P. J. Lynch, secretary and treasurer of the Dingee & Conard Co., of West Grove, Pa., will deliver an address before the Florists' Club in Horticultural hall next Tuesday evening on the mailing plant business.

David Rust, chairman of the Florists' Club's house committee, laid the clubroom need for the sinews of war to pay for a new bowling alley so persuasively before the members that it was a pleasure to vote for the necessary appropriation.

The Wm. Graham Co. has received the entire orders for Easter plants from two large department stores, John Wanamaker and Gimbel Bros. It is said that this will consume about one-half the Hugh Graham Co.'s stock of Easter plants at Logan.

Herbert G. Tull, treasurer of the Henry A. Dreer Co., reports an increase over last February in their seed mail orders.

F. R. Matsinger, of Palmyra, N. J., expects to retire from the ranks of the growers.

Arthur A. Niessen, secretary and treasurer of the Leo Niessen Co., has his office force domiciled in the second story of the new building at 1209 Filbert street. Mr. Niessen keeps in close touch with every department of the company's large business.

H. Bayersdorfer & Co. have a pretty novelty in the so-called Japanese air plant, or green sea moss, much prized for its decorative beauty. Mr. Berkowitz has just returned from another flying trip.

The Henry F. Michell Co. lays great stress on having the store from front window to back, always neat and attractive.

Answers to Correspondents.

Review readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia, to Phil, in care of any of the leading seed or commission houses. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

Referring again to question No. 75, it is probable that should the lilies reach this market in perfect condition, they would average from $5 to $8 a hundred. The quotation given last week of $3 to $5 a hundred was based

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and an abundant supply of everything at the lowest market price. We should appreciate YOUR Order.

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I receive regular daily shipments of best quality HUDSON RIVER VIOLETS. Prime shipping stock. GIVE ME YOUR ORDERS.

CURRENT PRICE LIST

ORCHIDS, a specialty.	Per doz.	
Dendrobiums	$3.00 to	$6.00
Cattleyas		6.00
Assorted, box, $5.00 to $25.		
Beauties, Extra Fancy		6.00
24 to 36-inch stems	4.00 to	5.00
15 to 20-inch stems	3.00 to	3.00
Short stems	.75 to	1.50
	Per 100	
Bride, Maid, Ivory, Gate	5.00 to	10.00
Liberty, Richmond	5.00 to	10.00
Chatenay, Sunrise, Perle	5.00 to	10.00
Roses, my selection		5.00
Carnations, large fancy	3.00 to	4.00
" good stock	1.50 to	2.00
Violets, double or single	.50 to	.75
Harrisii, per doz.	2.00 to	2.50
Callas, per doz.	1.50 to	2.00
Valley	2.00 to	4.00
Paper Whites, Romans		3.00
Tulips, Jonquils	3.00 to	5.00
Mignonette	4.00 to	8.00
Dutch Hyacinths	5.00 to	6.00
Smilax, per doz.,		2.00
Asparagus Strings, each,	.35 to	.50
Asp. Plu., Sprengeri, bunch,	.35 to	.75
Adiantum, per 100,		1.00
Ferns, per 1000,	2.00 to	2.50
Galax "		1.00
Boxwood Sprays, per bunch		.35
Wild Smilax, large size, per case		$5.00

Subject to change without notice.

Mention The Review when you write.

on the assumption that a percentage would be bruised.

76 — Please repeat method you described for propagating Adiantum hybridum.

Ans.—I have been able to get some seedlings by allowing the spores to fall on the soil around the plants, although it is said to be a mule. A few Adiantum hybridum can be obtained from spores. They can be readily produced in quantity by removing the lower third from pot-bound plants and placing this mass of roots in sphagnum moss in a case with a gentle bottom heat. Treat them as you would seedlings. They should start quickly and grow rapidly.

PHIL.

Rose Night at Philadelphia.

At the last meeting of the Florists' Club of Philadelphia it was unanimously decided to invite P. J. Lynch, secretary and treasurer of the Dingee & Conard Co., West Grove, Pa., to prepare a paper on "Rose Plants by Mail," to be delivered at the regular monthly meeting on the evening of Tuesday, March 5, and in this connection novelties among roses are invited to be exhibited on the same evening. All who have novelties will kindly ship same in care of David Rust, Horticultural hall, Broad street above Spruce, Philadelphia, Pa., early enough so that they will be sure to reach the place of meeting on time.

EDWIN LONSDALE, Sec'y.

BALTIMORE.

The Market.

The thermometer hit the minimum temperature for the winter again last Saturday morning, dropping to 9 degrees at 7 o'clock. The keen wind which sprang up developed into icy blasts that almost penetrated into the warmest houses and at present writing a heavy snow storm is on hand. Great difficulty was experienced in making deliveries of cut flowers.

Society has been in full blast, many banquets were held and Washington's birthday was observed in a patriotic way that called for several decorations, so that business may be said to be as good as could be expected, Lent being on, when a little decrease generally takes place. Funeral work has shown some falling off. However, all stock is disposed of. Roses and carnations have been a little more abundant. Sweet peas are short in supply. Callas are steadier. Bulbous stock can be had in any quantity. Harrisii come in steadily. Violets are equal to the demand and sell nicely.

Various Notes.

Last Saturday Mr. Eberhardt was in the market with a full stall of hyacinths, four in a pan, offering them at 20 cents a pan, and disposed of a large number.

M. J. Hannigan is cutting some extra fine American Beauty roses. He is also picking extra fine single violets.

P. B. Welsh, Glyndon, Md., has picked and disposed of nearly 200,000 seeds of Asparagus plumosus. He is well known as one of the best bulb growers in Maryland and one of the most enterprising men in the business.

W. O. Strand reports that he can pick at one time 10,000 Christmas Pink sweet peas. Many old growers said that in all their experience they have never seen

FLOWER BOXES

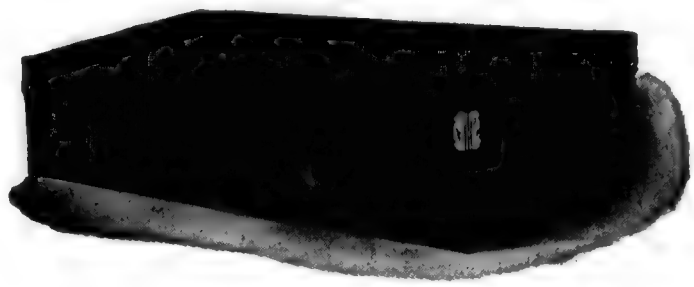


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VIOLET BOXES
Violet Color or White with 5-color bunch of Violets on corner.

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The best, strongest and neatest folding Cut Flower Box ever made. Cheap, durable.
To try them once is to use them always.

Size	No. 0....3x4x20....	$2.00	per 100,	$19.00	per 1000
"	No. 1....3x4½x16..	1.90	"	17.50	"
"	No. 2....3x6x18....	2.00	"	19 00	"
"	No. 3....4x8x18....	2.50	"	23 00	"
"	No. 4....3x5x24....	2.75	"	26.00	"
"	No. 5....4x8x22....	3.00	"	28.50	"
"	No. 6....3x8x28....	3 75	"	36.00	"
"	No. 7....6x16x20...	5 50	"	54.00	"
"	No. 8....3x7x21....	3.00	"	28 50	"
"	No. 9....6x10x36...	6.50	"	62.00	"
"	No. 10...7x20x20...	7.50	"	67.00	"
"	No. 11...3½x5x30..	3.00	"	28 50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash
THE LIVINGSTON SEED CO.
BOX 104. COLUMBUS, O.
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anything to equal it. The vines average eight to ten feet and the flowers and foliage are perfect. Mr. Strand extends an invitation to all florists to come to his place and see his house of sweet peas.

Many of our private gardeners are having a failure this year with their greenhouse tomatoes. The vines are healthy but bear no fruit.

John Harman is cutting some extra fine roses with extra long stems. He is known as one of the most successful rose growers in the state and has never made a failure. J. L. T.

THE REVIEW is the florists' best paper. —L. J. BROSEMER, Oswego, N. Y.

WINONA, MINN.—Kirchner & Son are preparing to double the capacity of their greenhouses. A larger heating plant will also be installed.

DUTCH BULBS FOR EASTER.

I would like to know when to bring in miniature Dutch hyacinths and tulips to force for Easter. They have been out all winter. We also have a few hundred Dutch hyacinths, Romans and tulips that were put out January 19 and on which I find no growth, either at the roots or tops. The weather was warm when put out. They were put in 6-inch pots and covered with four inches of soil. Immediately after covering there came a hard rain, which was followed by a hard freeze, and it has just thawed again. How shall I treat them? I did want them for Easter, but think perhaps they would not do. I am trying a few in the cellar. C. H. H.

It is difficult to tell to a nicety just how long a time should be allowed for hyacinths and tulips for Easter flowering. Everything depends on the weather. We should say that three weeks would be ample time if the bulbs are well sprouted and given a night temperature of 50 to 55 degrees. If it is found that they will be a little too forward, it is easy to retard them in a north house or cellar. At this late season the bulbs should be sufficiently sprouted to go right in the light at once. This will insure you much more stocky plants, also, if they are for sale in pots or pans. If, on the other hand, they are for cut flowers, it would be as well to draw them up a little in the dark (under a bench will do) before placing in full light.

We are afraid the bulbs placed in pots or flats so late as January 19 will be of no use for Easter. This is far too late a date to start any of this class of bulbous stock. After the end of November the bulbs have lost so much of their stamina that they make but feeble growth. If the bulbs in the pots or flats show no growths it would be useless to attempt forcing them. Keep them outdoors or place in a cellar until the growths are two or three inches long before placing under glass. Be sure you have good roots on the bulbs before you start forcing, and get them in the soil earlier another season. C. W.

TROUBLE WITH TULIPS.

In trying to force my tulips this year I find that I am having lots of trouble. The bulbs on being brought in appear all right, but after they begin to push up some go ahead of the others. On examining those that fail to grow I find them well rooted and, on cutting the bulb open, on the inside rotten and mushy.

GREEN CARNATION FLUID

Buy the genuine stuff from Mrs. Beu **THE ORIGINATOR,** who made the first fluid and exhibited the first green carnations at the Chicago Chrysanthemum Show **FOUR YEARS AGO**

$1.00 PER QUART. PINTS 50 CENTS

MRS. F. BEU, 60 WABASH AVE OR 2780 N. 40th AVE., **CHICAGO**

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Caldwell the Woodsman, Introducer of the Wild Smilax

WILD SMILAX, **$2.50 per case.** The only place where you can ALWAYS GET IT. LONG NEEDLE PINES, $1.00 per doz. PALM CROWNS, $2.50 per doz.

Extra nice long-stemmed PALM LEAVES, $2.50 per 100. MAGNOLIA, $2.50 per 16-cubic-foot case. SHEET MOSS, $2.00 per sack. GREY MOSS, $2.00 per sack. GALAX, $1.00 per 1000.

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GREEN CARNATIONS

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$6.50 per case of 10,000; 5,000 lots, 75c per 1000; 2000 lots, 80c per 1000; 1000 lots, $1.00 per 1000.

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BRANCH LAUREL, 50c per bunch.

LEUCOTHOE SPRAYS, $1.00 per 100.



SPHAGNUM MOSS, 50c per bag; five bags, $2.00. GREEN MOSS, $1.00 per bbl.

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Mention The Review when you write.



FERNS

Largest stock of any dealer in the trade.

Fancy, $1.50 per 1000

Dagger, 1.25 per 1000

ROBERT GROVES

ADAMS, MASS.

Mention The Review when you write.

Ferns-Galax-Leucothoe

Hardy Fancy Ferns

Per 100.....25c Per 1000.....$2.00

Green and Bronze Galax Leaves

Per 1000.....$1.00 Per 5000.....$3.75

Green and Bronze Leucothoe Sprays

Per 100.....50c Per 1000.....$4.50

Boxwood

Per lb.....15c Per case.....$6.50

Green Sheet Moss

Per bale.....25c Bundle, 5 bales...$1.00

Sphagnum Moss

1 bale, $1.00 5 bales, $4.50 10 bales, $8.50

C. E. CRITCHELL, Wholesale Commission Florist

36 East Third St., CINCINNATI, OHIO

Mention The Review when you write.

I would like to know what is the matter with these bulbs. About eighty per cent are as described.

We gave them the same treatment we have been giving our bulbs the last three or four years. This year we planted them in flats September 25, placed them in a bench and covered them with six inches or so of ground. Some eight or ten weeks later I examined them and they were nicely rooted. The second week in December we removed them from the trench and placed them in an old shed, so that we could get them when we wanted them. The flats on being placed in the shed were frozen solid. During January we had a thaw and the flats were thawed completely; a week or so later they were again frozen solid. Might this have been the cause? I can hardly think so, although I do not know to what else to attribute the trouble, excepting perhaps that they may have been cold storage bulbs a year old. This I have, however, never heard of before. The variety especially affected is Keizerskroon. Yellow Prince, which underwent exactly the same treatment, shows practically no signs of the trouble. I am forcing these bulbs in a temperature of 55 degrees to 58 degrees at night at the middle of February. Will some one who knows what this trouble may be kindly explain? E. W. K.

The several freezings and thawings your tulips had must have done them harm. It is true that these bulbs are perfectly hardy, and in the open ground one or two stiff freezes does not hurt them in the least, especially if mulched and protected from sunlight. We have never heard of tulip bulbs being carried over in cold storage. Their extreme cheapness would make this an unprofitable practice. The variety, Keizerskroon, is an especially vigorous one and forces readily. It is possible that if the flats were frozen were very wet the shoots suffered injury which would be communicated to the bulb.

We would advise placing the flats an-

Green Carnations

A new method and a good one. Enough powder to make 1 quart of fluid for $1.00; gallon, $3.50. **Prepaid to any address.** Our goods are fully guaranteed to be the best. Buy from the **Originator.** Write today. Samples free.

FRED GEAR, (Originator, not the Imitator) **1113 Vine St., Cincinnati, Ohio**

Mention The Review when you write.

Southern WILD SMILAX

NOW READY IN QUANTITY.

E. A. BEAVEN, EVERGREEN, ALA.

Mention The Review when you write.

Very Best Quality Bronze and Green Galax Leaves $6.00 per case 10,000

Beautiful Bronze Leucothoe Sprays..$0.60 per 100
" Green " " .. .50 per 100
Rhododendron Sprays, very choice... 1.50 per 100
Fancy and Dagger Ferns.....$2.00 per 1000

I guarantee all stock satisfactory.

E. H. HITCHCOCK, Glenwood, Mich.

Mention The Review when you write.

..Wholesale Galax and Leucothoe..

Direct from the woods to the dealer.

Galax, Green and Bronze.....50c per 1000
Leucothoe Sprays (green only).....$2.00 per 1000
Ferns, dagger and fancy.....70c per 1000

Special prices on lots of 100,000 and up.
Terms strictly cash. F. O. B. Elk Park, N. C.

F. W. Richards & Co., Banners Elk, N. C.

Mention The Review when you write.

COMING Get Ready for ST. PATRICK

Emerald Green Coloring, the best for Carnations. Ready for use, $1.00 per quart.

Manchester Chemical Co.
2804 Manchester Ave., ST. LOUIS, MO.
Phones, Kinloch, Central 5313; Bell, Beaumont 84
or C. A. KUEHN, 1128 Pine St., St. Louis, Mo.

Mention The Review when you write.

GREEN Carnation Fluid

For coloring white carnations green for St. Patrick's Day, price, $1.00 per bottle. **Write today** for **Free Samples** with full instructions.

Edwards & Co., Newport, Ky.

Mention The Review when you write.

Green CARNATIONS

Send 25c and receive by mail a package of dye that will color 75 to 100 carnations green. Have many letters stating it is best on market. 3 packages 60c. 2c stamps accepted.

Louis Elsass, Chillicothe, Ohio

Mention The Review when you write.

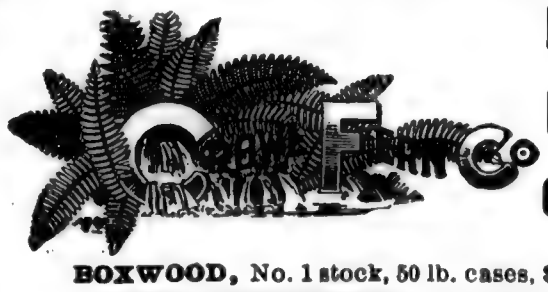
other season, when removed from the trench, in a frostproof cellar. Water well if at all on the dry side and cover with ashes until well sprouted. Some five years ago we had a somewhat similar experience with some narcissi and tulips which were frozen hard in a cold-frame about the end of January. These bloomed very erratically and many bulbs rotted. C. W.

ABOUT CALLAS.

Will you kindly tell us about growing callas? We wish to grow quite a number for another season. Our houses are sixteen feet wide and from forty to sixty feet long. We have several houses and grow a few callas now with our bedding plants and would like to know about soil, feeding, temperature and keeping over the plants from about April 1, when our houses will be filled with bedding stock. When should the callas be put on the benches? Will carnations do in the same house? We grow for general trade in New England.

S. W. M.

Callas for winter blooming prefer a house where a night temperature of 55 degrees to 60 degrees is maintained.



FANCY FERNS..... $1.50 per 1000.
DAGGER FERNS.. $1.25 per 1000.
GALAX, GREEN OR BRONZE 75c per 1000.

BOXWOOD, No. 1 stock, 50 lb. cases, $8.50.
LAUREL FESTOONING, 4c, 5c and 6c per yard.
Finest quality **LAUREL WREATHS,** $3.00 per doz. Cheaper grades if wanted.
SOUTHERN SMILAX, fancy stock in 50-lb. cases, $5.50.
LAUREL BRANCHES, 85c per bundle.

Telegraph Office, NEW SALEM, MASS.
Long Distance Telephone Connection.

CROWL FERN CO., MILLINGTON, MASS.

Mention The Review when you write.


FANCY


DAGGER

Hardy Cut FERNS

FIRST QUALITY, $1.25 PER 1000.
ALSO DEALER IN
Baled Spruce for Cemetery Use
BOUQUET GREEN, SPHAGNUM MOSS, ETC.

L. B. BRAGUE, Oldest, Largest and Most Reliable Dealer in the U. S. **HINSDALE, MASS.**

Mention The Review when you write.

SPHAGNUM MOSS AND PEAT

We will ship on receipt of $2.10 one 10-bbl. bale of selected moss, or for $2.60 we will ship one 10-bbl. bale of selected moss and one bbl. sack of our peat as samples, showing the quantity and quality of our goods. We have a large lot of new selected moss on hand and best grades of peat. Our prices are low. Before placing your order elsewhere write for prices.

AMERICAN MOSS AND PEAT CO.
Corlis Bros., Props., **Waretown, N. J.**

Mention The Review when you write.

NEW CROP and **Perfect Stock,** Green Galax, Leucothoe Sprays, Fancy and Dagger Ferns.





All strictly fresh from the world's finest patch. Are now ready for shipment. Galax, 50c per 1000; Fancy and Dagger Ferns, 80c per 1000; Leucothoe Sprays, $2.50 per 1000. Discount on large orders. Write for prices in case lots. Terms: Cash or good references with orders from unknown parties. Place your order with us and get just what you want, and get it quick.

RAY BROS., ELK PARK, N. C.

Mention The Review when you write.

They will, however, succeed in one kept 5 degrees cooler, which would suit carnations. The callas can be grown on the center beds and carnations on the sides. If the houses will be needed for bedding plants after April 1 we would not advise planting the bulbs in the benches, as is sometimes done.

Plant one strong bulb in a 6-inch pot or three in an 8-inch pot as soon as procurable in late summer. Use a compost of two-thirds fibrous loam and one-third well dried cow manure, with a good dash of sand mixed in. A little bone meal can also be used. Keep outdoors in a warm, sunny location until danger from frost threatens, when they can be placed where they are to flower. When the pots are well filled with roots, feed liberally, using liquid manure twice a week. The plants will continue blooming until Memorial day, after which date they can be gradually dried off and laid on their sides until about August 1.

Callas will grow vigorously the year around, and a good way to strengthen the plants is to plant them out in an open, sunny spot in rich earth, cultivate freely around them and pot up about the middle of August, keeping as many roots intact as possible. If kept well syringed they will suffer little from the check and soon fill the pots with roots. Plants treated in this way will produce larger and finer flowers than when the drying off method is practiced. C. W.

I could not run my business without the Review.—S. J. Hider, Hillsboro, O.

Monet, Mo.—Rauch & Bro., who have only recently started in business, have about 13,000 square feet of glass and are prospering.

Salem, O.—Joseph E. Bonsall leased his retail greenhouse establishment to V. A. Gowgill, of Alliance, O., who took over the business February 14. O. W. Bundy will be retained as foreman. Mr. Bonsall expects to give his attention to the wholesale trade exclusively.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word. CASH WITH ORDER. When answers are to be addressed in our care, add 10 cents for forwarding.

SITUATION WANTED—March 1st, by a single sober, all-round man on private or commercial place; 16 years experience. Address No. 64, care Florists' Review' Chicago.

SITUATION WANTED—A Belgian nurseryman, 14 years' experience in growing; single man 28; wants good place in greenhouse establishment, Chicago preferred. Write with particulars. Address A. H., 3825 Ellis Ave., Box C, Chicago, Ill.

SITUATION WANTED—By young man 22 years old, with 12 years experience, 4 years in present position, wish position as gardener or assistant on private place now or April 1: Swedish; best of reference; eastern states prefered. Address No. 96, care Florists' Review, Chicago.

SITUATION WANTED—By a married man; Scotch; as private gardener on a gentleman's place; thoroughly understands the management of greenhouses, fruits, flowers, vegetables, lawns etc.; open for engagement April 1. Address No. 84, care Florists' Review. Chicago.

SITUATION WANTED—By experienced florist and gardener; private place or summer resort, or with landscape or florist firm; permanent position; experience in greenhouses and all kinds of outside work; good hustler; single; age, 32. Address No. 102, care Florists' Review, Chicago.

SITUATION WANTED—By German, single, 28 years; 12 years' practical experience in this country growing roses, carnations, mums, and general stock; desire position to take charge of section or retail place; can give good reference; please state particulars and wages. Address No. 93, care Florists' Review, Chicago.

1000 IDEAS

are contained in that little booklet of ours and you will find it a gold mine of information. It tells in a simple, plain way all about greenhouse erecting, how to build benches, how to glaze, all about painting and just how every piece is nailed. It will show you how to have a perfect greenhouse and is worth its weight in gold to every florist who has greenhouses or ever intends to build one. There are only a few of these booklets and you should get one now—they can be used with any kind of material but if you use ours we will send you one free. Write for one today, enclosing ten cents in stamps to cover cost of mailing, postage, etc. Address,

JOHN C. MONINGER CO.
CHICAGO, Dept. R.

Mention The Review when you write.

SITUATION WANTED—By florist; Norwegian; 22 years old; 4 years' experience; best references from Denmark and U. S.; 1 year in this country. Address T. Biornstad, Grover, Kenosha, Wis.

SITUATION WANTED—By married man with good habits; 28 years of age; good grower of carnations, roses, mums, bedding plants, orchard, vineyard; good designer; 4 years in this country; has good education; wants good position on private or commercial retail place; full particulars in letter. Address No. 77, care Florists' Review, Chicago.

SITUATION WANTED—As foreman for prominent landscape architect or manager landscape department of large nursery; graduate of I. C. S. of C. E. as surveyor; competent to lay out, compute area, obtain levels, grades, drainage, road building, also detail, topographical mapping; 14 years' experience as head gardener; understands the habits, requirements and proper handling of horticultural subjects as to most advantageous location and soil requirements. Address No. 66, care Florists' Review, Chicago

HELP WANTED—Salesman acquainted with the trade to carry side line, pocket sample; quick seller; large profits. Address The Covington Seed Co., Covington, Ky.

HELP WANTED—A florist for general greenhouse work; single man; German perferred; Wages $35.00 a month with board. Saxe and Floto, 205 So. Main St., Waterbury, Conn.

HELP WANTED—A sober and capable man to handle retail trade, make-up and design; references; state salary. Address No. 1, care Florists' Review, Chicago.

HELP WANTED—Carnation grower, single man; one who is able to take care of section, wages $40.00 per month, with board and room. Address Nic Zweifel, North Milwaukee, Wis.

HELP WANTED—Man to take care of small greenhouse and assist in retail store; reference required. Address No. 98, care Florists' Review, Chicago.

HELP WANTED—Competent man to grow carnations; roses and mums, and general stock; 20000 ft of glass; steady job; must be all right, with good reference. W. E. Gravett, Lancaster, Ohio.

HELP WANTED—At once, a rapid potter, and one thoroughly acquainted with planting out of spring bedding plants; must be a steady and sober man; reference required. Address John Reck & Son, Bridgeport, Conn.

HELP WANTED—Grower thoroughly posted on pot plants and forcing of bulbs and valley; good wages and an opportunity for advancement; give references. Address M. Bloy, Rocky River, O.

HELP WANTED—Young man with some experience in general greenhouse work; $25.00 per month with board and room to start; state experience, references, etc. Paul E. Richwagen, Needham, Mass.

HELP WANTED—Carnation grower; state wages with board. N. C. Moore & Co., Morton Grove, Ill.

HELP WANTED—Florist, single, experienced and of good habits; good position; state ability, etc. W. W. Stertzing, 7280 Manchester Rd., St. Louis, Mo.

HELP WANTED—Single man as working foreman with knowledge of growing Adiantum and Sprengeri. Address with qualifications, No. 80, care Florists' Review, Chicago.

HELP WANTED—Capable man to take charge of small retail place, or man and wife without children if wife will assist in house; state experience and terms. Address No. 78, care Florists' Review, Chicago.

HELP WANTED—Settled married man of experience to take management of established florist's store; salary and part interest or all salary if desired. Address No. 82, care Florists' Review, Chicago.

HELP WANTED—A competent carnation grower with practical knowledge of general stock; none but a good carnation man need apply; state salary in application. Address No. 69, care Florists' Review, Chicago.

HELP WANTED—At once, all-round greenhouse man; a man familiar enough with tools to do repair work very much preferred; must be sober and industrious; permanent position and good salary to right man. Address W. W. Seekins, Duluth, Minn.

HELP WANTED—Young man with some experience in general greenhouse work; position permanent and good home; state age, experience, references and wages per month with board. Address Geo. S. Belding, Middletown, N. Y.

HELP WANTED—An experienced nurseryman, familiar with all kinds of ornamental stock, some knowledge of landscape work and accustomed to managing men; give full particulars and state salary expected. Address No. 49, care Florists' Review, Chicago.

HELP WANTED—A good all-round greenhouse man as foreman of 2500 feet of glass; a grower of cut flower and general greenhouse stock; a man wanted that wants to stay if the place is agreeable; $55.00 for the first month, $60 00 for the next four months; at the end of the 4 months if he and we are agreeable we will contract for a year at an advance over the 4 month price; we want the man at once. Address The Newburys, Mitchell, S. D.

HELP WANTED—One active and sober man with fairly good greenhouse experience to work under foreman in eastern Ohio, wages $10.00 per week. Extra for Sunday work if required; don't answer this advertisement unless you can send a copy of reference in first letter, and we don't accept a man if employed at the present unless he gives 10 days notice to his present employer. Address No. 94, Care Florist's Review, Chicago.

HELP WANTED—A thoroughly up-to-date store man to take charge and manage one of the finest floral establishments in the west; must be an A1 designer and decorator and a first-class salesman; good salary and commission to right party. Address with references as to character and ability. No. 73, care Florists' Review, Chicago.

WANTED—Good sized aquarium in perfect order. Box 593, Troy, N. Y.

WANTED—To lease on May 1, 15,000 to 25 000 sq. ft. of glass; for 5 years or so; good rent for good place. A. Ley & Bro., Langdon, D. C.

WANTED—To rent, 10 000, or more, feet of glass in good condition; must be near Chicago. Address No. 91, care Florists' Review, Chicago.

WANTED—No. 5 or 6 Kroeschell Boiler; 4-in. cast-iron pipe, with fittings; also 4-in. gate valves; All in perfect condition. Address Shardlow Bros., Montevideo, Minn.

WANTED—Two first-class growers want to lease greenhouses in the spring, within 100 miles of Chicago. Address No. 92, care Florists' Review, Chicago.

WANTED—Florist with experience to take general management of retail business in city, give reference and salary expected; permanent position. Address No. 103, care Florists' Review, Chicago.

FOR SALE OR RENT—Carnation greenhouses; good market, established business; land as needed for outdoor work and gardening if desired; reasonable rent or sale on easy terms. For particulars address C. T. Phelps, North Adams, Mass.

FOR SALE—Good store business; well located in Chicago; owner going to Europe. Address No. 101, care Florists' Review, Chicago.

FOR SALE—3000 feet of glass; big money in it for the right man, but he must have some money; don't write unless you mean business. Address No. 62, care Florists' Review, Chicago.

FOR SALE—3000 feet of glass, fine location; can sell all you grow and then have to buy; will stand close investigation, good reason for selling. Address No. 99, care Florists' Review, Chicago.

FOR SALE—Greenhouse, 12 000 feet of glass, planted to roses and carnations; 2 acres of land adjoining; everything in good condition; in nice Southern city; no greenhouse within 200 miles. Address Ocala Greenhouse, Ocala, Fla.

FOR SALE—Five greenhouses and 50 acres of ground within easy reach of Philadelphia; good house, barn, and water supply; the best rose soil; an ideal place for building up a paying business. Address No. 100, care Florists' Review, Chicago.

FOR SALE—Five new greenhouses, containing 20.000 square feet of glass, in operation one year; four hours from Pittsburg, Cleveland, Erie and Buffalo; good central location For particulars, write Henry F. Michell Co., Philadelphia. Pa.

FOR SALE—Greenhouse; 4000 feet of glass, 7-room residence, barn, three lots for summer work; city water and sewer connections; natural gas for fuel (no night fireman); cut flower trade in city of 1200. Address Iola Greenhouse, 704 E. Lincoln St., Iola, Kan.

FOR SALE—Greenhouse, flower store, stock, fixtures; good trade, doing business of $8,000 to $9.000 per year; in first-class condition; can be bought at a reasonable price; good cause for selling. Address Otto Triebwasser, 1540-42 W. 27th St., Philadelphia, Pa.

FOR SALE—Dwelling and 3 greenhouses; fully stocked; in growing town 7 miles from Philadelphia; everything in good shape to continue; all tools, horse, wagon, etc.; am identified with company which needs my time; this is not a run-down place, but can be increased. F. R. Matsinger, Palmyra, N. J.

FOR SALE—7,000 feet of glass, 3 greenhouses stocked with roses, carnations and a general assortment of window and bedding plants; have a quantity of bulbous stock in good shape for Easter; hot water heat. Dwelling house with six rooms; lot 175 feet front, 190 feet deep; fine local and outside trade; do not miss this chance for it is a good one. Address W. H. Searing, 712 13th Street, Greeley, Colo.

Help Wanted

By April 10 to 15, grower thoroughly posted on growing roses, carnations and mums for up-to-date retail trade. State wages expected, experience, nationality and references in first letter. A fine chance for an up-to-date man. Greenhouses all new and clean. 6 blocks from court house and city hall on car line.

H. GLENN FLEMING, Fairmont, W. Va.

FOR SALE—Greenhouse plant, 8,000 sq. ft. glass in good condition, six room house and good barn; 9 miles from heart of city, 20 minutes' ride to city by railroads, 40 minutes' by street cars; only one florist in this locality which is building up very rapidly; population about 30,000. Address No 81, care Florists' Review, Chicago.

MANAGER WANTED

For first-class retail Boston store, must have had wide experience in designing and decorating and accustomed to wait on first-class trade, steady position; very best salary to right party state full particulars with application.

Address No. 89,
Care Florists' Review, Chicago.

HELP WANTED

Young man with some greenhouse experience, for general greenhouse work under foreman.

THORN HEDGE GREENHOUSES
Newtown Square, Pa.

Wanted, Landscape Gardener and Florist

to handle **Pure Kentucky Lawn Grass Mixture** and Kentucky Blue Grass Seed direct from the blue grass state. Big profits. Write now.

THE COVINGTON SEED CO., Covington, Ky.

For Sale Greenhouse plant, consisting of 7 houses, 17.000 feet glass, heated by hot water system, in good condition; built three years. Same is stocked with carnations, some callas and geraniums. Two and one-quarter acres of ground, with nice modern residence, 6 rooms and bath. 12 miles from city limits of St. Louis, Mo. Reason for selling, other business will require my attention in spring. **Address No. 43, care Florists' Review, Chicago.**

FOR SALE

Greenhouse plant of 25 000 feet of glass; an up-to-date place, heated by steam and cheap fuel; the houses are in good condition, well stocked with everything for wholesale and retail trade; also Flower and Seed Store with fixtures, seven-room house and eight acres of land; if desired, will sell half interest or lease the plant for term of years. This is an excellent opportunity and is worth investigating. Address No. 48, care Florists' Review, Chicago.

FOR SALE

ICE-BOX, used four months. 16 ft. long, 7 ft. wide, 8½ ft. high.

Accommodation for commercial or wholesale florist. Will sell at a sacrifice.

CHAS. MILLANG,
50 West 29th Street, NEW YORK CITY.

FOR SALE

Colorado Springs, Colo.

Wholesale and retail business well located; 34 greenhouses: 13 acres of land; 4 boilers, 16-60; 2 dwelling houses. For terms,

WM. CLARK, Colorado Springs, Colo.

FOR SALE! On account of my health, I am compelled to take the world easier, and for that reason, I will offer my entire manufacturing business which has the distinction of being the best established reputation of its nature in this country. The sale includes the Duplex Gutter, the Standard Ventilating Machine and the Standard Steam Trap, of which a great many were installed in the last 2 years with the best results. Also the gutter had a very large run, and I am shipping a large range at present to California. Address

E. HIPPARD, YOUNGSTOWN, OHIO

FOR SALE
GREENHOUSE PIPE

4-IN. BOILER TUBES, second-hand, in fine condition, absolutely free from scale and with ends cut square. Sample and prices on application. **KROESCHELL BROS. CO.**
51 Erie Street, Chicago

HELP WANTED, An Experienced Propagator of ornamental stock for large nursery near Chicago. Married man preferred. Give references and wages wanted. Address No. 90, care Florists' Review, Chicago.

FOR SALE

A well established manufacturing business in the Florists' Rustic Supply Line; must leave for Europe in the Spring. A good opportunity for the right party. Will stay with buyer for some time.

Address No. 79,
Care Florists' Review, Chicago.

Situation Wanted

By A-1 Florist, 31 years old and up-to-date; good designer, decorator, salesman and practical grower of roses, carnations, chrysanthemums, plants, etc. Not a horticultural expert, but a practical all-round man with the ability to manage and get results; West or South preferred. Wishes to take hold of good plant about April 1, and manage same with success, good salary, etc., expected.

ADDRESS No. 97,
CARE FLORISTS' REVIEW, CHICAGO.

WANTED

A First-class Designer and Decorator, must be sober, honest and industrious, and well up in the business. Please state former position; also references and salary expected.

FRED C. WEBER
4326 Olive St. ST. LOUIS, MO.

FOR SALE, On Account of Death.

FLORIST BUSINESS, RICHMOND, VA.
Long Established.

Consisting of five greenhouses, three 100 x 16 feet each, and two 50 x 10 feet each. Thoroughly heated by hot water system. Windmill and abundance of good water. A good, fair stock on hand. The property consists of almost an entire block in the suburbs of Richmond, Va., with a nice modern frame residence of seven rooms, stable, etc. Electric railroad line runs in front of the property. Free delivery of mail twice daily. An excellent remunerative trade, and annually increasing. Address,

J. THOMPSON BROWN & CO.
1113 E. Main Street, RICHMOND, VA.

For Sale

ONE OF THE BEST
NURSERY, FLORIST and WHOLESALE
BULB GROWING ESTABLISHMENTS ON LONG ISLAND.

About 15.000 feet of glass, newly built the most convenient and economical way; 7 to 8 acres of the best selling herbaceous plants in the country with good wholesale trade; 16 acres in fine nursery stock, the kinds the market calls for now; 35 acres or more just to suit, with the best of soil for nursery and greenhouse purposes; the best of all kinds of buildings, wagons and horses on the place; 9 miles from Greater New York and 1 mile from proposed Motor Parkway. Address

No. 75, care Florists' Review, Chicago.

The Second Edition
—of the—
Florists' Manual
Is Now Ready

Price, $5.00 a copy,
carriage charges prepaid.

Vegetable Forcing.

A NUMBER of vegetable growers at Grand Rapids, Mich., have organized a corporation with $20,000 paid in capital to take over their plants, erect a new central plant and grow vegetables on a large scale. They do not hope to influence the markets, but to gain an advantage in centralization and coöperative purchases.

VEGETABLE MARKETS.

CHICAGO, Feb. 27.—Cucumbers, $1 to $1.75 doz.; lettuce, 35c to 40c case; radishes, 35c to 40c doz. bunches; mushrooms, 25c to 50c lb.

BOSTON, Feb. 25.—Tomatoes, 50c to 60c lb.; mushrooms, 60c to $1 lb.; asparagus, $7 doz. bunches; lettuce, 30c to 65c doz.; cucumbers, $4 to $16 box; rhubarb, 6c to 8c lb.; radishes, $1.50 box; parsley, $1.50 to $1.75 box; romaine, $1 doz.; escarole, 75c to $1 doz.; mint, 75c doz.; dandelions, $1.25 to $1.50 box; chicory, 75c to $1 doz.

NEW YORK, Feb. 26.—Mushrooms abundant and selling slowly. Cucumbers steady. Lettuce generally poor and dragging, with most sales from 50c down. Radishes weak. Rhubarb steady. Tomatoes in light supply, but tone easy. Cucumbers, 75c to $2 doz.; lettuce, 25c to 75c doz.; beet tops, 75c to $1 bu.; mushrooms, 35c to 60c lb.; mint, 50c to 75c doz. bunches; radishes, $2 to $2.50 per hundred bunches; rhubarb, 25c to 50c large bunch; parsley, 12c to 15c doz. bunches; tomatoes, 15c to 25c lb.

BLIGHTS OF VINE CROPS.

The season of 1906 in Ohio showed more than the usual amount of loss on cucumber pickles and muskmelons, from disease. Three distinct diseases are known to have occurred and these probably indicate four or more separate diseases. In the order of occurrence the first that I mention is the wilt. This disease shows itself by sudden wilting of parts of the vine and results either from inoculation of a bacterium or of a fungus, Fusarium, often being accomplished by stink-bugs. As yet we have not been able to propose anything better than the pulling and burning of diseased vines as they occur. Some experienced growers report to me a loss of fifty per cent of the vines from the wilt trouble in 1906.

Of the leaf diseases we have two that pass under the name of melon and cucumber blight, namely, the downy mildew, Plasmopora Cubensis and the leaf blight, Alternaria. Both of these can be controlled by proper spraying with Bordeaux mixture, beginning on the young vines and repeating at intervals of two weeks until the critical season, when ten-day intervals may prove better, owing to the amount of new growth and of rain. The critical period for Ohio begins with the first part of August, and rarely comes earlier than August 10 through the northern half of the state. This is the period when the downy mildew spread over the state last year and cut off practically all unsprayed vines of cucurbits, both melons and cucumbers. Occasionally fields were not struck until early September. The downy mildew sweeps our state as early as above stated during warm midsummers, but may be delayed two weeks in cool seasons like that of 1904 or 1905.

The leaf blight of the muskmelon does not show particularly until the melons are of good size and the susceptibility of the vines reaches its highest point. Despite this fact, thorough spraying with Bordeaux mixture has always proved profitable when it has been followed out on right principles. Of course the spraying is not a remedy for the wilt disease that has already been mentioned. Each season increases the evidence as to the certain profits to be derived from proper spraying of muskmelon and cucumber vines.

A. D. SELBY.

THRIPS AND LETTUCE.

I see a great deal of talk about stem-rot and fungi at the roots of plants, but the proper name for nine out of ten cases is thrips. If the man who finds stem-rot looks closely he will find a little black half fly and half mosquito-looking insect. It first attacks the tender leaves of the plant and punctures them and when they open there is a black ring of rot around the edges. If the house is kept closed, as in cloudy weather, leaf-rot is the consequence. It next deposits its eggs in the top soil and soon a grub makes its appearance. This is so small that it is almost impossible to detect it with the naked eye. It looks like a small maggot, but under a strong glass it has all the appearance of thrips, except in color; but as it gets older it turns brown.

Now this little fellow goes down to the extremities of the roots and destroys the fiber. The stem as well as the roots take on a brown, dirty appearance, as if they had been in ground that had too much acid. As long as it remains cloudy the inect stays in the ground, but as it gets older it comes to the surface. If on a bright day, about 2 o'clock, you will take away from your lettuce some of the leaves that have been on the ground and shake them you will see a shower of these insects.

I saw where some one asked about his lettuce plants damping or being attacked by mildew. If the party will notice in the future he will, by taking off some of the leaves that have fallen and spreading them out on a piece of paper, find thrips. They are very small at this stage. They puncture the small plants at the top of the ground and the plant falls over and dies.

As to the remedy, the only thing I have been able to do is to hold the temperature down. The fly will lay its eggs, but they will not hatch when it is cold. When they get out of the ground and on the lettuce, smoke will fix them. I do not know any remedy while they are in the ground and would be glad for any information on that point.

E. S. SNELL.

PLEASE find enclosed $1 for your tip top paper.—WM. WALKER, Louisville, Ky.

Vegetable Growers Should

Send 5 Dollars

for a swivel wheel and 20 ⅛-inch nozzles. It will fit a run of 100 feet of pipe and give you a chance to try for yourself the **Wittbold Watering System,** or send for circular of testimonials.

The Wittbold Nozzle, for ¾-inch hose.....$1.00
The Special Rose Nozzle..... 1.00

Louis Wittbold, 1708 N. Halsted St., Chicago

Mention The Review when you write.

VEGETABLE PLANTS

CABBAGE New Early and Succession, $1.50 per 1000; 10,000 and over, $1.25 per 1000.
LETTUCE Grand Rapids, Big Boston, Boston Market and Tennis Ball, $1.00 per 1000.
PARSLEY Moss Curled, $1.25 per 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

SEED FROM GROWER TO PLANTER

Tomatoes	Per lb.	Peppers	Per lb.
Livingston's Globe	$2.00	Neapolitan	$1.50
Chalk's Early Jewel	1.75	Genuine Ruby King	1.50
Burpee's Matchless	1.50	Bull Nose or Bull	1.25
Spark's Earliana	1.75	Golden Queen	1.50
Dwarf Champion	2.00	Golden Dawn	1.25
Salvia Splendens	10.00	Golden Upright	2.00

New York Improved Spineless Purple Egg Plant 2.00
Extra Early White Spine Cucumber ..... .50
Hubbard and Boston Squash..... .50

T. B. TURNER, Swedesboro, N. J.

Mention The Review when you write.

We recommend for forcing:

Gundestrup's Cauliflower New Snowball

better than Dry Weather for forcing, per oz., $2.00. **Lettuce Grand Rapids,** per oz., 10c; ¼-lb., 25. **Improved Arlington White Spine Cucumber,** per oz, 10c; ¼-lb., 25c. **Gundestrup's Early Scarlet Turnip,** white tip for forcing, ¼-lb., 20c; 1-lb., 75c. **Celeriac, Gundestrup's Oval King,** 1-oz., 25c; ¼-lb., 60c.

GUNDESTRUP'S SEED STORE
4273 Milwaukee Ave. CHICAGO

Mention The Review when you write.

Comet Tomato

Those who force tomatoes should give "Comet" a trial. This variety has been the talk of gardeners around Boston the past season. Those who have seen it growing declare there's nothing to compare with it. **Seed, $5.00 per oz.**

WILLIAM SIM, Cliftondale, Mass.

Mention The Review when you write.

600,000 Asparagus Roots	100	1000
3 years, Palmetto, heavy	50c	$3.50
2 years, Palmetto, strong	40c	3.00
2 years, Conover's Colossal	35c	2.75
2 years, Barr's Mammoth, strong	40c	3.00
2 years, Donald's Elmira	40c	3.00
2 years, Giant Argenteuil	40c	3.00
2 years, Columbian White	50c	3.50

On 50,000 or over, good discount given.
On other Nursery stock, send for Trade List.

RIVER VIEW NURSERIES, J. H. O'Hagan, Little Silver, N. J.

Mention The Review when you write.



Lambert's Pure Culture Mushroom Spawn

Produced by new grafting process from selected and prolific specimens, thoroughly acclimatized. **Has never failed to run** Sold by Leading Seedsmen. Practical instructions on **"Mushroom Culture"** mailed free on application.

American Spawn Co. St. Paul, Minn.

Mention The Review when you write.

Skinner's Irrigation.

For greenhouses, gardens and lawns. Latest improved gasoline pumping outfits at low price. Estimates furnished on request. Address,

C. W. SKINNER, Troy, O.

Mention The Review when you write.

COMET TOMATO SEED

Grown from true stock. Excellent for forcing. 50c and $1.00 per pkt. **H. M. SANDERSON, 111 LINCOLN ST., WALTHAM, MASS.**

Always Mention the....
Florists' Review
When Writing Advertisers.

TWO "NEW CREATIONS" IN BUSH LIMAS

Nature surely has surpassed herself! In a single season she has outstripped all efforts of man. In fact, such distinct new types have never even been dreamed of before!

Look at the illustrations shown of the BURPEE IMPROVED and FORDHOOK BUSH LIMAS, recall to mind the largest and best pods of Lima Beans you have ever seen, and you must agree with us that this is **a most remarkable find.** To learn just what they really are and how they were discovered, kindly study pages 10 to 15 of THE FARM ANNUAL FOR 1907. These two most unique new Bush Limas will be worth many thousands of dollars annually to the gardeners of America. They are undoubtedly the "Greatest Novelties of the Age."

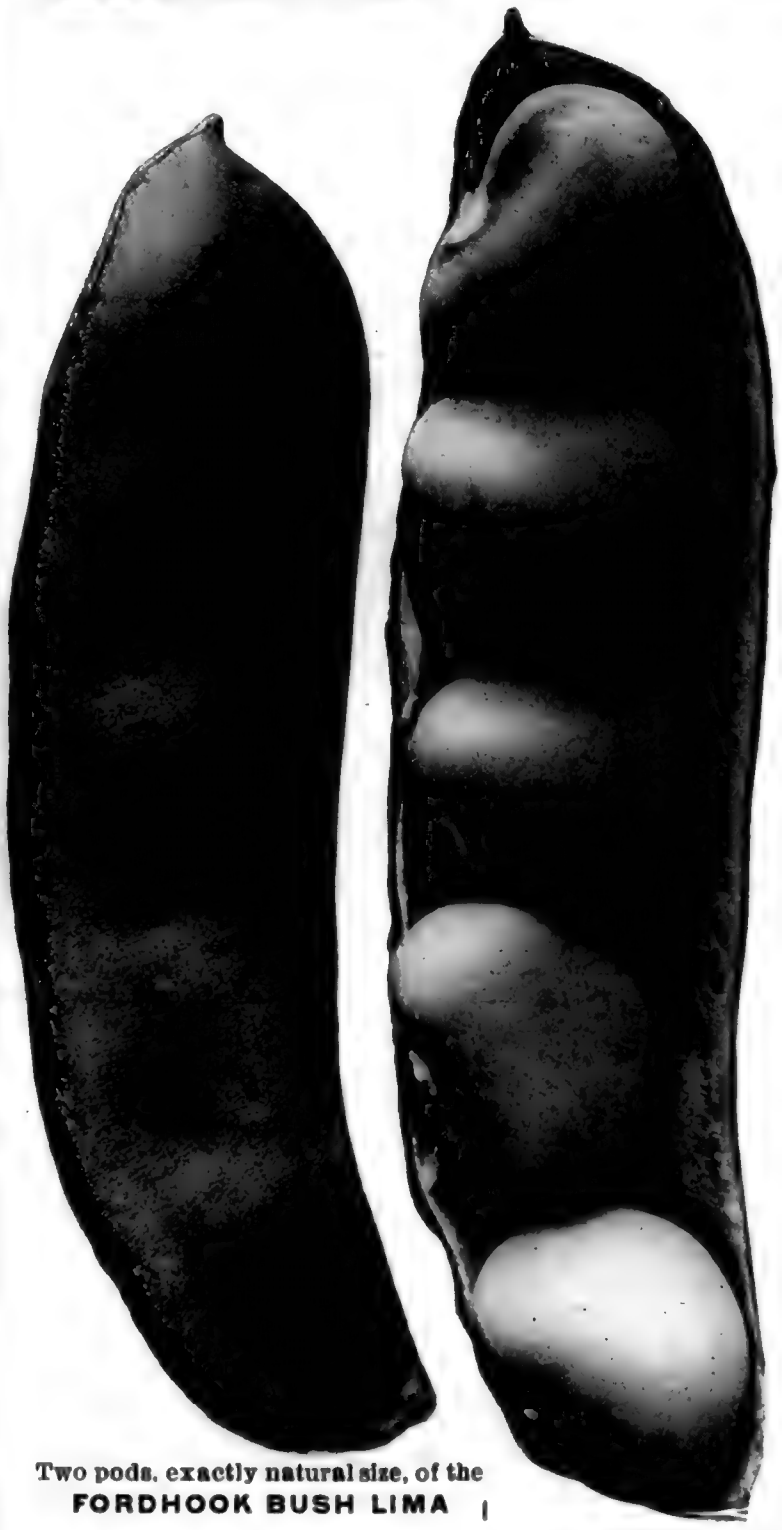
The Burpee Improved is an entirely **"New Creation."** The pods are truly enormous in size, borne in great abundance upon bushes two and one-half feet high by two feet across. The beans are both larger and thicker than those of the popular Burpee Bush Lima or any strain of the large White Pole Lima.

Fordhook Bush Lima. This is altogether unique. Nothing like it has ever been seen before. It is the first and only stiffly erect Bush form of the fat "Potato Lima." Both pods and beans are twice the size of Dreer's and more than half again as large as the **Challenger Pole Lima.**

$1115.00 in Cash Prizes for 1907

With one prize of **$150.00,** several of **$50.00** each we will pay a total of **$1115.00** on these **Two New Bush Limas.** For particulars see pages 28 and 199 of BURPEE'S FARM ANNUAL FOR 1907.

These Bush Limas are sold only in sealed packets. Each packet contains twelve perfect hand-picked beans. **Per pkt., 25c—less the discount of one-third on retail packets.**—making **3 pkts. for 50c; 6 pkts. for $1.00** or **$2.00 per dozen pkts.,** postpaid, and assorted as desired.



Two pods, exactly natural size, of the
FORDHOOK BUSH LIMA



Pods, natural size, of the new
BURPEE IMPROVED BUSH LIMA

Burpee's Farm Annual for 1907

"The Leading American Seed Catalog"

The "Silent Salesman" of the world's largest mail-order seed trade. An Elegant New Book of **200 pages** with hundreds of illustrations from photographs, it tells only the plain truth about the very best **Seeds That Grow.**

It describes Grand Novelties in Flowers and Vegetables, of unusual importance, which cannot be obtained elsewhere. If interested, **write today,** name the FLORISTS' REVIEW, and the book is yours.

BURPEE'S NEW "BLUE LIST"

Most complete of all wholesale catalogs of seeds, gives Special Prices to Florists and Market Gardeners. If you have not received a copy, write today!

With our usual discount of 33⅓ per cent on Retail packets, Florists and Market Gardeners (who order **early!**) can obtain **These Two New Bush Limas at any 3 pkts. for 50c; 6 pkts. for $1.00 or 12 pkts. for $2.00** (assorted as desired, and sent by mail, postpaid).

W. Atlee Burpee & Co., BURPEE BUILDING Philadelphia

C. J. Tilley Co.

SEATTLE, WASH.

Growers of

PUGET SOUND

CABBAGE SEED

Mention The Review when you write.

S. M. ISBELL & CO.

JACKSON, MICH.

Seed Growers for the Trade

BEANS, CUCUMBER, TOMATO, Radish, Peas, Muskmelon

Squash, Watermelon, Sweet Corn

We are now booking orders for 1907 fall delivery. Send for contract prices; also surplus list.

Mention The Review when you write.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena, in variety. Correspondence solicited.

S. D. Woodruff & Sons

SPECIALTIES:

Garden Seeds in Variety.

Maine seed potatoes, onion sets, etc. Correspondence solicited.

Main Office and Seed Farms, ORANGE, CONN.

New York City Store, 82-84 Dey Street.

The Cleveland Seed Co.

AVON, N. Y.

Growers of..... FANCY PEAS AND BEANS

for the seed and canning trade. Ask for 1907 contract prices, also surplus list, 1906 crop.

Branches at PICTON, CANADA, and CAPE VINCENT, N. Y.

Mention The Review when you write.

D. V. BURRELL, Grower of

Special Strains of Melons and Cucumbers

Three of my specialties are the Burrell Gem Cantaloupe, Burrell's Thoroughbred Rocky Ford Cantaloupe and Burrell's Klondike Cucumber. Contract orders solicited.

Address, D. V. BURRELL, A 11, Rocky Ford, Colo.

Mention The Review when you write.

CONNECTICUT CORN.

Onion, Beet, Carrot, Turnip, Parsnip.

The Everett B. Clark Company

MILFORD, CONN.

East Jordan, Mich. Sister Bay, Wis.

We are now writing growing contracts for PEAS AND BEANS which we grow in both Michigan and Wisconsin.

Mention The Review when you write.

C. C. MORSE & CO.

Seed Growers

171-173 Clay St., SAN FRANCISCO, CAL.

Onion, Lettuce, Sweet Peas and other California Specialties

SEEDS WHICH SUCCEED

THIS MEANS THAT LANDRETH'S SEEDS GROW AND ARE GOOD

ADDRESS: BRISTOL, PA.

Mention The Review when you write.

LEONARD SEED CO.

Growers and Wholesalers of Superior Garden Seeds

Seedsmen and Florists Supplied at the shortest notice and at right prices.
Our Catalogues are now ready and are mailed upon request.

Flower Seeds—Onion Sets 79 East Kinzie St., 145 W. Randolph St., CHICAGO

Mention The Review when you write.

LAWN GRASS SEED in Bulk and Packages

Dickinsons, Evergreen, and Pine Tree Brands

SPECIAL MIXTURES SEED FOR GOLF GROUNDS

MINNEAPOLIS THE ALBERT DICKINSON CO. CHICAGO

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., Henry W. Wood, Richmond, Va.; First Vice-Pres., Charles Burge, Toledo, O.; Sec'y and Treas., C. E. Kendel, Cleveland. The 25th annual meeting will be held at New York City, June, 1907.

THE mail trade is beginning to take on seasonable activity and a big rush is certain for the next sixty days.

THE wholesalers and jobbers are on the jump. They will be cleaned up in fine shape if business holds to as late a date as usual.

IT is reported that some of the California growers will have to cut their onion seed acreage down from lack of bulbs to plant.

IN the east the seed trade reports market gardeners slow in placing orders, because of the cold weather of the latter part of February.

FAWCETT BROS. Co. has started in the seed and agricultural implement business at 1522 Commerce street, Tacoma, Wash. H. I. Fawcett is manager.

IT is reported that the stock of seeds that Sears, Roebuck & Co. had arranged for, of the 1906 crop, and which they had no use for on account of cutting out their seed department, has been pretty well disposed of to other parties.

THE pea growers report that one-half the acreages for the coming year's plantings have been secured at about the same terms as last year. It is thought that the additional acreage needed may not be secured without paying considerably higher prices.

THE general report is that mail business for the first two months of the year is no more than equal to last season. While there are houses that report an increase, others are non-commital, and and it is a fair deduction that the average returns from catalogues are to date not ahead of a year ago. Pretty nearly every house has all it can do, both counter trade and mail, during March and April. Gains are much easier to handle in January and February than in the next two months, when every one will be rushed.

CHARLES DICKINSON, vice-president of the Albert Dickinson Co., Chicago grass seed dealer, was on the Pennsylvania's eighteen hour train that went into the Conemaugh river near Johnstown, Pa.,

TO THE TRADE...

Just issued—our special price list giving our position on onion seed.

We shall send this to the Trade, being unable to make the personal visit contemplated. Please write for it.

A. J. Pieters Seed Co.

HOLLISTER, CAL.

Mention The Review when you write.

CHAUNCEY P. COY & SON

Established 1878. WATERLOO, NEB.

VINE SEEDS

AND SEED CORN

Wholesale Growers for the Seed Trade
Write for 1907 Contract Offers

Mention The Review when you write.

ALFRED J. BROWN SEED CO.

Growers of

Garden Peas and Beans

For the Wholesale Trade

GRAND RAPIDS, : : MICH.

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PACIFIC SEED GROWERS' CO.

109 Market St., San Francisco, Cal.

SPECIALTIES:

Onion, Carrot, Lettuce, Sweet Peas.

Mention The Review when you write.



Dreer's Reliable Flower Seeds

ASTERS are one of our specialties, and we do not believe it possible to get finer stock at any price. We offer below a few of the most important sorts for the Florist. For complete list, see our current Wholesale Price List, mailed free on application to any florist.

EARLY WONDER. A new variety and the earliest of all, blooming by the end of June; flowers high-grade, on long stems, and pure white. 40c per trade pkt.; $2.00 per oz.

DAYBREAK. A fine mid-season sort; color, daybreak pink. 40c per trade pkt.; $2.50 per oz.

PURITY. Similar to Daybreak, but pure white. 40c per trade pkt.; $2.50 per oz.

LAVENDER GEM. Exquisite soft color, early flowering. 50c per trade pkt.

SNOWDRIFT. Early pure white, of Comet type. 50c per trade pkt.; $3.00 per oz.

WHITE FLEECE. The finest white of the Comet type, long stemmed, large flowers of purest white. 50c per trade pkt.; $4.00 per oz.

VIOLET KING. A new color in the late branching type. 40c per trade pkt.; $2.50 per oz.

DREER'S SUPERB LATE BRANCHING. The finest strain procurable, and the best of all for late blooming. Pure White, Shell Pink, Rose Pink, Deep Purple, Lavender and Crimson. Each, 25c per trade pkt.; $1.00 per oz. Finest mixed, 25c per trade pkt.; 75c per oz.

SOW NOW: Ageratum, Centaurea, Lobelia, Petunia, Salvia, etc. See list for prices, etc.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

Seed Travelers Wanted

We want two travelers not over 35 years of age who can show undoubted proof as successful seed salesmen. Only those apply who have experience, energy and can give first-class references.

NORTHRUP, KING & CO., Minneapolis, Minn.

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JOHNSON'S HIGH-GRADE ASTER SEED FOR FLORISTS

From the Best American and European Growers.



	Trade pkt.	Oz.
Queen of the Market, three weeks earlier than other Asters, separate colors	$0.20	$0.60
Choice mixed	.15	50
Semple's Late Branching, high-grade American-grown, not California, separate colors	.20	.75
Choice mixed	.20	.75
Ostrich Plume, separate colors	.25	1.50
Choice mixed	.25	1.25
Victoria, highly prized by florists for bedding and cutting, separate colors	.25	1.75
Choice mixed	.25	1.50
Improved Peony Perfection, very popular with florists, a profuse bloomer, separate colors	.25	1.50
Choice mixed	.20	1.25
Mignon, an invaluable variety for cutting, pure white	.25	1.50
Choice mixed	.25	1.25
Hohenzollern, enormous flowers, separate colors	.20	1.25
Choice mixed	.20	1.00
Comet, a beautiful class, with curled and twisted petals, separate colors	.25	1.50
Choice mixed	.25	1.25
Daybreak (originator's stock), shell-pink, one of the most beautiful of Asters, early, long-stemmed and of compact habit	.30	2.00
Purity (originator's stock), pure white, and identical in form and habit with Daybreak	.30	2.00

SWEET PEAS, florists' standard sorts, oz., 5c; ¼ lb., 10c; pound, 25c.

JOHNSON SEED COMPANY, 217 Market St., Philadelphia, Pa.

Herbert W. Johnson, of the late firm of Johnson & Stokes, President.

Mention The Review when you write.

on the cold night of February 22. It was a terrifying experience but he escaped with slight injuries.

VISITED ATLANTA, GA.:—Wm. Hagemann, New York.

VISITED PORTLAND, ORE.—A. Currie, Jr., of Currie Bros. Co., Milwaukee, Wis.

VISITED CHICAGO.—Robert Fulton, of Henry & Lee, New York, en route to Japan.

PETER HENDERSON & Co., New York, issue a special implement catalogue of sixty-four pages.

THE "seed and soil specials" are now running on the various railroads, carrying the state university lecturers to the farmers.

MAULE and Burpee are using full pages in the March magazines, while others, if showing at all, are content with quarters or less.

THE present congress expires next Monday by limitation. There will be no legislation of consequence affecting either the seed trade or other interests, aside from that contained in the usual appropriation bills.

JAS. VICK'S SONS, Rochester, are reported to have leased the farm of W. D. Auchter, at South Greece, near Spencerport, N. Y., for a term of years. The tract consists of ninety acres and it is understood thirty acres of it will next summer be planted to asters for seed.

A NEW YORK importer tried to get asparagus seeds admitted duty free as crude drugs, but the board of general appraisers thought that all that was crude about the case was the contention, and reaffirmed the old ruling.

IN Collier's Weekly for February 23 two pages are devoted to an "exposure" of modern methods of influencing public opinion, being mainly an account of the methods of William Wolf Smith, of Washington, who has represented the seedsmen in their campaign against free seeds.

LATEST reports from Holland are of considerable frost in late January, after mild weather had caused the removal of winter coverings. It is feared some injury may have been done to hyacinths.

THE houses that make a specialty of the market garden trade report night work necessary to keep even with orders. Taking everything into consideration, this is the most satisfactory trade a

BRITANNIA Bright scarlet of large size similar but better in every point than Victory, premier vases of scarlet W. F. C. S. £5 per 100, for plants in pots; 25 at 100 rate.

Dutton's White Lawson, Improved This variety sported at Bexley Heath. Quite distinct from the American Sport, has improved Lawson habit, larger stem, greater perfume and if possible freer in flower, the best market white, size equal to White Perfection. For all-round points has no equal. £5 per 100, plants in pots; 25 at 100 rate.

The best two English Novelties for 1907.

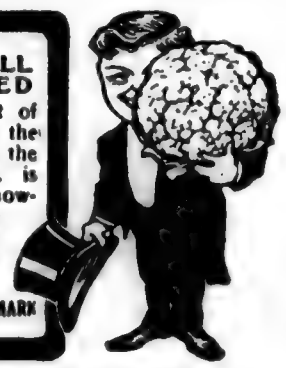
A. F. DUTTON, THE NURSERIES, IVER, BUCKS, ENGLAND

Mention The Review when you write.

WIBOLTT'S SNOWBALL CAULIFLOWER-SEED

No. 34 is the earliest of all Snowballs, the most compact, the surest header, is giving the largest and snow-whitest heads, and is the best keeper in dry-weather. Demand it through your seed-firm or direct from

R. WIBOLTT, NAKSKOV, DENMARK



Mention The Review when you write.

CAULIFLOWER SEED CABBAGE

HJALMAR HARTMANN & CO.
Growers for the Wholesale Trade Only.
12 Stormgade, COPENHAGEN

Mention The Review when you write.

LILY OF THE VALLEY

Extra fine pips from Cold Storage for shipment any time desired.

Japanese and Bermuda Lily Bulbs,
Araucarias, Azaleas, Bay Trees
Palms, Peonies, Rhododendrons,
Roses, Boxwood, Evergreens, etc.
RAFFIA RAFFIA

For prices and catalogues please apply to

H. Frank Darrow, Importer
36 Barclay St., P. O. Box 1250, New York

Mention The Review when you write.

MRS. H. BURNETT

New Salmon-Pink Carnation for 1907

A Seedling from Mrs. Lawson and an English variety. Awarded two first-class certificates and an Award of Merit. A lovely warm salmon-pink flower. Petals of good shape and substance. Calyx perfect. Delightful clove fragrance. 2½ to 3½ inches in diameter according to season. Stems 18 to 36 inches. A rapid and easy grower. Very productive. Many shades deeper than Enchantress and keeps its color better. Keeps for a long time after being cut and travels splendidly. Just the shade that everybody wants and one not yet produced in America. Price, £5 per 100. established in 2-inch pots.

H. BURNETT

St. Margarets, GUERNSEY, ENGLAND

Mention The Review when you write.

DAMMANN & CO.

Seed and Bulb Growers and Merchants

San Giovanni a Teduccio, near Naples, Italy

Established 1877
By Appointment to H. M. the King of Italy

—HEADQUARTERS FOR—

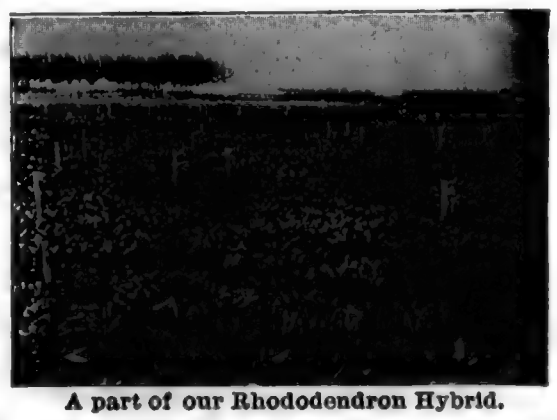
Cauliflower and Tripoli Onion Seed (Including Crystal Wax and Bermuda)

And for all other **Vegetable Seeds** of Unrivaled Quality.

All Flower Seeds grown on an enormous scale

Ask for Our Wholesale Catalogue.

Mention The Review when you write.



A part of our Rhododendron Hybrid.

H. DEN OUDEN & SON, Boskoop, Holland, Wholesale growers of nursery stock for the American trade. Catalogue free on demand; also views in our nurseries.

Mention The Review when you write.

LARGEST STOCK OF ALL

BELGIAN PLANTS!

Azaleas, Araucarias, Sweet Bays, Palms, Begonias, Gloxinias, etc.

LOUIS VAN HOUTTE PERE
GHENT, Belgium.

Mention The Review when you write.

HOLLAND BULBS

K. Velthuys, Hillegom, Holland

Ask for our wholesale trade list for Holland Bulbs.

Mention The Review when you write.

seed house can secure, according to those who go after it.

IMPORTS.

The imports of seeds through the port of New York for the week ending February 16 were as follows:

Kind.	Bags.	Val.	Kind.	Bags.	Val.
Annatto	31	$ 458	Clover	2,308	$57,602
Canary	796	1,368	Grass	763	6,822
Caraway	300	2,229	Poppy	800	4,600
Castor	531	2,523	Rape	5	37
Celery	122	1,564	Other	..	3,534

In the same period the imports of trees and plants were valued at $3,968.

THE long white radishes, Vienna, Pearl and Icicle, are becoming very popular with planters and the old favorite long scarlet is falling back.

VISITED CHICAGO:—John Bodger, Jr., of John Bodger & Sons, Gardena, Cal., returning from the east. He reports business good all along the line.

WM. A. BRUCE, for ten years shipping clerk for J. M. Thorburn & Co., New York, and before that connected with Peter Henderson & Co. and the Cleveland Seed Co. for many years, died at his home in Jersey City February 12.

THE Leonard Seed Co., Chicago, has opened a store at Jefferson Park. This store is for the convenience of the market gardeners in the northwest section of Chicago and is near to the farm, trial ground and onion set warehouse of the company.

JOHNSON & MUSSER Seed Co., Los Angeles, Cal., have a new muskmelon for which they predict a wonderful future, saying "its flavor is as near like the Ambrosia of the gods as anything we know." The melons keep from three to six months and are not ready to eat until the rind becomes slightly softened and moist. They say they have only eighty ounces of seed, which they offer to local planters at $2 per ounce. A few melons on hand are offered at $1 each.

J. KEUR, of C. Keur & Son, Hillegom, Holland, is traveling through the west with two assistants. The firm has a permanent representative in this country at 334 The Bourse, Philadelphia. Mr. Keur says the business being booked in the United States this spring is the heaviest in the history of the house, and they have been coming here for thirteen years.

THE situation generally in the seed trade is reported to be satisfactory. There seems to be enough onion seed for the needs of the time and no serious shortage of any but what are termed "special stock" of the globe kinds is anticipated. The canners now seem to be supplied with the peas that were so short awhile back and there is no special run on anything in particular. Onion sets are well cleaned up and this market is expected to hold stiff. Present quotations are $2.50 for red and yellow and $3 for white.

THE WARD SEED CATALOGUE.

After wasting three weeks in the fruitless attempt to secure from the post-office department a reversal of the ruling of the postmaster at Chicago, Montgomery Ward & Co. have concluded that the advancing season necessitates the mailing of their seed catalogue without further delay. They are therefore sending out the books without the prize offers they originally contained.

As reported exclusively in the REVIEW, the post-office refused to admit the Ward seed catalogue to the mails because of these prize offers. It was necessary to call back 50,000 books which were ready for mailing, open the envelopes, strip off the outside four pages (the books were saddle stitched), rerun the four pages, using other matter in place of the prize offers, rebind and remail. It was

The New Perpetual Flowering Carnation BRITANNIA

The most profitable carnation in cultivation, and one that **never splits.** Color, clear scarlet; blooms of good size on long, stiff stems. Strong plants, £5 per 100. Cash with order. Please remit by International Postoffice Order.

A. Smith, The Nursery, Enfield Highway, Middlesex, England

Mention The Review when you write.

Established 1680. Cable address, Jacrolland Nimes A. B. C. Code used.

JACQUES ROLLAND
Seed Grower and Merchant
NIMES, FRANCE

Vegetable, Flower and Agricultural Seeds

Specialties are Phlox Drummondii and Lucerne of Provence.

SEED NOVELTIES

Eryngium Alpium Superbum, as large again as the prototype; pkt, 20c; 10 pkts, $1.60; 100 pkts, $15.00.

Salvia Bracteata, hardy, much better for groups than Nicotiana Sanderae, flowers lilac, pkt., 15c; 10 pkts., $1 25; 100 pkts., $12.00.

Physostegia Virginica Compacta Rosea, pkt., 15c; 10 pkts., $1 25; 100 pkts., $12.00.

Remit by International P. O. money order. Send for complete list of Valuable Novelties and prices on quantities. **KOHLER & RUDEL, Windischleuba-Altenburg, Germany**

Mention The Review when you write.

Dahlias Awarded 10 Gold Medals in 1903, 12 in 1904, 12 in 1905 and 12 in 1906. Pot Roots Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS, Show, Fancy, Pompon and Single, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcels post can be supplied in every section, including Cactus, at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1904 sorts and certificated by the Dahlia Societies in England; post free for $2.50 — Dainty, Edith Groom, George Gordon, Hereward, Lauretta, Mr. Keith, Mrs. J. W. Wilkinson, Osprey, Pink Pearl, Rainbow, Sweet Nell, Violetta.

1905 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer. One each of the following 12 kinds post free for $3.00: Alfred Morgan, Antelope, Cockatoo, Harbour Light, Jeanette, Miss Dorothy Oliver, Nero, Rosy Morn, Sir A. Lamb, Tricolour, W. E. Dickson, W. Hopkins.

1906 SEEDLING CACTUS DAHLIAS One each of the following new varieties, which have been awarded, post free for $4.00: Marjorie Caselton, Silver Wings, The Pilot and White Swan.

Terms cash with order. Catalogue free on application.

HOBBIES LIMITED, - Norfolk Nurseries, - DEREHAM, ENG.
LONDON DEPOT, 17, Broad Street Place, E. C.

Mention The Review when you write.

DOG BRIAR

3 to 5 mm., each 1000, 5 marks.
5 to 8 mm., each 1000, 12 marks.
Splendid Plants. Cheap Prices.
Also LILY OF THE VALLEY PIPS for fall shipment, 1907.

JULIUS HANSEN, Pinneberg, Germany

Mention The Review when you write.

The Royal Tottenham Nurseries, Ltd. Established in 1872

Managing Director, A. M. C. VAN DER ELST

Dedemsvaart, Holland

Headquarters for Hardy Perennials, among which are the latest and choicest. 13 acres devoted to growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 8 acres Rhododendrons, including the best American and Alpine varieties; 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for Catalog.

Mention The Review when you write.

H. B. MAY & SONS
FERN SPECIALISTS

The finest collection of Ferns in Europe. Lists on application.

Upper Edmonton, England

Mention The Review when you write.

not so great a task with that part of the edition which was not off the press when the first lot were held up—but it meant a lot of money to Ward & Co., to say nothing of the annoyance it caused, which any seedsman knows was considerable. It is safe to say, without having direct authority for it, that Ward & Co. will not let the matter rest until they have exhausted every effort to secure a different ruling on their prize offers. They feel that there is nothing in any way objectionable about them and call the department's attention to the fact that many reputable seedsmen make offers identical with their own and have never been interfered with; that such offers have this season gone out in large editions.

To the seed trade the action of the post-office people appears inexplicable.

RICE AND THE CANNERS.

A seedsman who was at Buffalo during the convention writes: "Many pea canners will can sixty per cent of Rice this year; they will probably all can Rice another year."

CALIFORNIA CROP CONDITIONS.

Lester L. Morse writes under date of San Francisco, February 23: "Relative to present crop conditions, would say that the continued wet weather has made planting very late, but practically everything is now in and except for the inconvenience and extra expense in getting our planting done there is nothing at present to indicate there will be any shortages.

"The early crops are now needing attention, and we shall need clear weather for two or three weeks in order to save the crops that now need hoeing."

IOWA SEED LEGISLATION.

A newspaper report dated Des Moines, Ia., February 23, says: "The seedsmen in this state are breathing easier; impending legislation along the line of pure seeds has been modified and its threatening phases eliminated. Since the bill was introduced in the state legislature the state house has been the scene of some protracted conferences between the committee of the legislature and the seed dealers, headed by Charles N. Page, the local seedsman. H. A. Johns, of the Sioux City Seed and Nursery Co., N. J. Burt, of Burlington, and several others made representations that the law as proposed was not only inimical to the trade but would, in fact, largely turn over to outside interests the enormous business in farm seeds now done in the state. The result has been that a large number of changes have been made in the bill, making it acceptable to the seed dealers and at the same time safeguarding the interests of the farmers in pure seeds."

A WYOMING SEED HOUSE.

CHEYENNE, WYO.—Articles of incorporation have been filed here by the Wyoming Plant and Seed Breeding Co., with an authorized capital stock of $100,000. It is the intention to grow seeds for Wyoming use. The incorporation of

Aster Seed

Our descriptive price list of High-Grade Aster Seed is now ready and will be sent free on application. Try our new varieties, Cardinal, Sunset and Rosy Carmine Branching—they are winners. Price per packet, 25 cents; two packets for 40 cents.

Pointers on how to grow Asters successfully sent free with every order.

VICK & HILL CO.

P. O. Box 613. ROCHESTER, N. Y.

Mention The Review when you write.

this company is an evidence of the growth of the dry farming industry in this state, as the concern will seek to supply the dry farmers' demands for acclimated seeds of all descriptions. The officers of the company are: President, Ora Haley, Laramie; vice-president, Dr. V. T. Cooke, Cheyenne; secretary and treasurer, Prof. B. C. Buffum, Laramie. Governor B. B. Brooks is one of the stockholders. The company's seeds will not be on the market for two years at least, and during that time seeds grown elsewhere will be handled.

E. L. COY RETIRES.

Edward L. Coy, who for fifty years has been engaged in the seed-growing business in Washington county, New York, making a specialty of potatoes and later of cucumbers, has sold out to the Jerome B. Rice Seed Co. and retired. He sends a notice to the trade in a circular issued from Melrose, Mass., where he has made his home for some years, which is in part as follows:

"I much regret to be obliged to inform you that on account of my age (76 years) and physical disability resulting from it, I find myself utterly unable to carry on my seed-growing business any longer, and my physician advises me that I positively must give it up. I regret this very much, for I have been growing seeds in this same locality for more than fifty years, and have not only enjoyed the work but have formed many pleasant acquaintances and business relations with leading seedsmen throughout the country.

"I have arranged with the Jerome B. Rice Seed Co., Cambridge, N. Y., to succeed me, and have turned over to them my stock seeds, with the exception of special stocks with which I have been entrusted, as well as my growers, and the good will of my business.

"For many years Jerome B. Rice and I have worked side by side in Washington county, and in the same territory, without conflicting or clashing. Several years ago we united in opposing the introduction of cucumber seed machines into Washington county, and succeeded, so that all the seed grown there is carefully harvested by hand, which makes the seed white and much superior in appearance to machine-cleaned stock.

"I consider Washington county, New York, to be the best locality in the United States for the uniformly successful growing of cucumber seed. Many other seeds are grown there successfully, but cucumber has been my specialty for several years, and the demand for same has been so great as to give me about all I could do."

STOKES' STANDARD ASTER SEED

Stokes' Late Branching Aster. Choice, American-grown stocks in separate colors, 75c per oz.; mixed, 60c per oz.

Truffauts' Peony Perfection Aster. A splendid florist's Aster, long-stemmed sort, in separate colors, $1.50 per oz.; mixed, $1.25 per oz.

New Crop Asparagus Plumosus Nanus

Greenhouse-grown, per 100 seeds, 50c; per 1000 seeds, $3.50; per 5000 seeds, $15.00.

SALVIA BONFIRE

The best Dwarf Salvia, my own "Floracroft" grown seed, trade pkt., 25c; per oz., $1.50; per ¼-lb., $5.00.

A NEW TYING MATERIAL

Try it on your Easter plants; pleasing, bright green color; stronger and cheaper and better in every way than string or Raffia.

Sample free. It is put up in coils and on reels. In handling it the coil is placed in the pocket and the tape drawn from the middle. The brass reels are hung from the vest buttonhole.



Price, Coils, (enough for tying up 150 plants,) 5c each; 50c per dozen, (by mail). Reels, (250 yards), 75c each, $8.00 per dozen, (by express.)

Stokes Seed Store.

219 Market Street, PHILADELPHIA

Mention The Review when you write.

WESTERN HEADQUARTERS FOR

Cold Storage Valley Pips

ORDER NOW FOR EASTER

It pays to grow our Valley. Finest selected stock, $1.75 per 100; $14.00 per 1000. Every case guaranteed and can be returned at our expense if not satisfactory on arrival. Place your order now for regular shipments as desired through season.

Finest Cut Valley Constantly on Hand

H. N. BRUNS, 1409-1411 Madison St., Long Distance Phone. **CHICAGO**

Mention The Review when you write.

H. E. FISKE SEED CO.

Faneuil Hall Square, Boston

New Crop Seeds now ready

Aster Seeds One of our Specialties

Mention The Review when you write.

Bridgeman's Seed Warehouse

Established 1824. RICKARDS BROS., Props.

Importers and growers of high grade

SEEDS, BULBS, PLANTS, ETC.

37 East 19th St., NEW YORK CITY

Telephone 4285 Gramercy.

Mention The Review when you write.

SPRENGERI SEED

1906 CROP

10c per 100; 60c per 1000; $2.75 per 5000; $5.25 per 10,000. Cash with order, please.

F. J. BAKER & CO., Utica, N. Y.

Mention The Review when you write.

HOME SAVED SWEET CORN.

There is danger that much of the corn which has been saved for seed throughout the northwest may be useless for that purpose and warning is given to the farmers to assure themselves betimes that their seed corn is all right. A. K. Bush, a former member of the state legislature from Olmstead county, Minnesota, who is now in charge of the seed testing department of Northrup, King & Co., of Minneapolis, estimates that fully forty per cent of the seed corn is no good.

"I have not tested much Minnesota seed except our own," said Mr. Bush recently, "but I have the most reliable information from South Dakota and North Dakota that a large proportion of the corn is useless. The northwest has never had such bad seed. Last fall was unusually wet and the grain had little opportunity to dry out. If corn freezes while green the germ is killed. As the conditions were exactly the same in this

NEW STOCKS
Flower Seeds for Florists

WHOLESALE CATALOGUE READY

Send for it today. But first read our advertisement on page 733 in the FLORISTS' REVIEW for January 24th, 1907. It is worth reading.

James Vick's Sons
Seedsmen ROCHESTER, N. Y.

Mention The Review when you write.

W. & D. SPECIALTIES for FORCING
Mignonette "New York Market." Sweet Peas, "True," Christmas Flowering (pink and white). Tomato, "The Don," "Stirling Castle." Mushroom Spawn, "English" and "Pure Culture." Send for 1907 catalogue.
Weeber & Don, Seed Merchants and Growers, 114 Chambers St., NEW YORK

state as in the Dakotas, it follows that seed corn is in a similar condition.

"Usually farmers do not test their seed until just before planting time, and if it should prove to be bad, they are in a serious predicament.

"For several years corn has increased in importance in this state and it is now one of the leading crops. A loss of a large portion of the seed would be a serious misfortune to the farmers, and consequently to the state."

Jesse E. Northrup, of Northrup, King & Co., realizing the importance to the state of insuring a bountiful corn crop next year, has authorized the newspapers to announce to the farmers that his firm will test free of charge all seed corn sent to it for that purpose, and send a careful report.

LONGIFLORUM AND VALLEY.

We would like to know the temperature at which longiflorum bulbs and valley pips should be carried in cold storage. H. H. C.

We store our lily of the valley pips at about 26 degrees and our Japanese lilies at about 34 degrees. We have found that the latter temperature keeps the longiflorums in splendid condition for summer and autumn forcing.

WM. HAGEMANN & Co.

W. W. RAWSON CO.

This well known Boston firm first opened for business at 34 South Market street in 1884, Everett & Gleason being bought out. Mr. Gleason stayed with the new firm some time and is now a member of the Schlegel & Fottler Co. Mr. Bliss, the well known pea disseminator, was also employed here. In 1897 a move was made to 12 and 13 Faneuil Hall square, one-half of the lower floor being occupied. This was the first occasion of a Boston seed house locating on the ground floor; other houses have since followed suit. In 1900 the increase of business necessitated the taking over of the whole building.

On March 23, 1906, a disastrous fire practically wiped out the Rawson company's building and stock. Quite a little business was transacted in the burned building without a roof until July, when the firm moved to its present commodious quarters at 5 Union street. A pleasing feature in the new building is an excellent waiting-room provided with horticultural publications, etc.

All attention is now given to seeds, bulbs and plants. Even poultry supplies are carried. The house intends in the future to be strictly a specialty one. The firm will offer some choice novelties in flower and vegetable seeds in 1907. There will be a splendid lot of new dahlias, raised in Massachusetts, also a new gladioli, said to be a vast improvement on Princeps, carrying eight to ten flowers at a time and similar in color to Richmond rose.

Maurice Fuld, who is manager for W. W. Rawson & Co., is also secretary of the newly formed New England Dahlia Society. W. W. Rawson, the head of the concern, is the widely known Arlington vegetable forcer, and his son is associated with him in his many activities.

W. N. CRAIG.

TUBEROSE BULBS
Dwarf Excelsior Pearl, first grade, selected bulbs, $9.00 per 1000.

GLADIOLI

	100	1000
America, the grandest gladiolus up to date, color soft pink	$10.00	$75.00
White and Light Florists' Mixture	1.75	15.00

Tuberous-Rooted Begonias, Gloxinias, Etc.
Send for trade price list.
CURRIE BROS. CO. 312 Broadway, Milwaukee, Wis.

Mention The Review when you write.

Rawson's Primula Obconica.
Is absolutely distinct from any other strain offered. IT HAS NO EQUAL NOR SUPERIOR. Our FRESH CROP seeds are in and should be sown at once.

RAWSON'S NEW GIANT.	Per 100 seeds	Per 1000 seeds
Mixed	$0.50	$4 00
Pink or Crimson	.50	4.00
Pure White	.50	4.00

RAWSON'S NEW COLOSSAL.	Per 100 seeds
Mixed	$0.75
Rosea	.75
Dark Lilac	.75

Herms Floral Co., Portsmouth, O., writes us February 1, 1907: "This season's Primulas and Cyclamen were the finest we have ever grown. From your seeds."

RAWSON'S SEEDS ALWAYS GIVE SATISFACTION.

W. W. RAWSON & CO., 5 Union St., Boston, Mass.

P. S. We are now Sole Distributors for Boston for CARMAN'S ANTI-PEST. If you wish to know what it is, send for circular.

Mention The Review when you write.

GLADIOLI Beautifully illustrated catalog, colored plate, etc., describing Groff's Hybrids, Named Novelties of rare beauty, Mixtures and Collections to color and Fine Mixtures of all colors

Write for it. Arthur Cowee, GLADIOLUS SPECIALIST, MEADOWVALE FARM, Berlin, N. Y.

Mention The Review when you write.



We made this halftone from a
WASH DRAWING
one of many we made for 1907
Seed Catalogues
Our artists are the best in the United States on flower and vegetable drawing.
Try our work on some of your special lists and you will give us all your order for the 1908 general catalogue.
We make a specialty of
CUTS FOR SEEDSMEN
All processes. Quick work if necessary. Satisfaction guaranteed. Special prices on orders placed now for cuts for 1908 catalogues.
NO STOCK CUTS
CRESCENT ENGRAVING CO.
341-347 Clark St., CHICAGO

Thorburn's Seeds

OUR WHOLESALE CATALOGUE
for florists and market gardeners is NOW READY and will be sent free to all who ask for it.
NEW CROP
Flower Seeds are mostly all on hand now and we are prepared to fill orders promptly. We handle only the highest grade seeds. Compare our prices before ordering elsewhere.
Cold storage Lily of the Valley Pips, best possible grade, 1000 in case, $12 per 1000.
J. M. THORBURN & CO.
33 Barclay St., through to 38 Park Place, NEW YORK.

Boxwood Sprays, $12.00 per 100 lbs. Fancy Sheet Moss, $1.50 per bag.
New Wire Design Catalogue just issued; copy sent on request.
PITTSBURG CUT FLOWER CO., Ltd.
222 Oliver Avenue, PITTSBURG, PA.
Mention The Review when you write.

J. B. MURDOCH & CO.
545 Liberty Ave., Pittsburg, Pa.
Fancy White Lilac Valley and Gardenias
Mention The Review when you write.

SPENCER TYPE OF SWEET PEAS.

In my seeds of the new Spencer type of sweet pea last spring I found that the imported seed would not germinate if planted early in cold ground. We had heavy cold rains and the majority rotted. Later planting gave better results. Therefore I would counsel florists not to sow the new type seed until the soil is fairly dry and warm.

In most catalogues I notice that the advice is still given to hoe the earth up to the growing plants. This does not matter in a dry season, but in a wet one the wet earth rots out the vine at the crown and the plant dies. The experiments of both the Rev. W. T. Hutchins and myself conducted through years conclusively proved this.

Magee Pratt.

ASTILBE DAVIDI.

Astilbe Davidi is a new hardy plant of great promise from western China. It is closely allied to the long-known pink-flowered herbaceous spiræa, Astilbe Chinensis, but differs in much taller growth, reaching five or six feet when established in rich, moist soil, and in later blooming, as well as the color of the massive inflorescence, which is rosy purple with blue anthers in Davidi and light pink in Chinensis. The plants are absolutely hardy, needing no protection but their own feathery foliage, which dies down in winter, as in all species of the genus. The bloom heads, which are often nearly two feet long, appear in late July. They are very showy, and are carried in a noticeably erect manner. The foliage retains its decorative appearances until late in autumn. This excellent novelty, as well as other members of the genus, may be easily grown in every garden, but appears to best advantage when planted in rich soil. It is so hardy and apparently long-lived that it should readily find favor. It seeds with some freedom, and may readily be increased in this manner or by division of the clumps in spring or fall.—Rural New-Yorker.

NEPHROLEPIS EXALTATA,

The fronds of Nephrolepis exaltata arise in clumps, and at their bases produce long stolons covered with whitish scales and carrying with them buds which are capable of producing plants at some distance from the parent. This involves a facility of propagation which has been so largely availed of as probably to account for the lack of variation in this species until recent years, since sports are far more apt to occur through seeds or spores than through buds. H. B. May has, moreover, informed me of the singular fact that when spores of N. exaltata are sown that species has never appeared in its own form in the resulting crop, which invariably consists of a batch of an allied but distinct and softer-fronded type, N. Zollingeriana or rufescens. So persistently indeed has this occurred that sowings of the normal form have been discontinued. As against this, however, we have the fact that the highly decomposite varieties recently obtained are undoubtedly referable to N. exaltata, and have presumably originated from spores of that species. Unfortunately, however, for the scientist, the members of the trade, with whom these variants largely originate, can tell us little or nothing of their origin. The ferns are raised by millions from spores, and in immense numbers by other propagative means, such as buds, stoloniferous or other, and every now and again a prize turns up among the resulting plants, probably only developing its character when it has been shifted more than once.—Gardeners' Chronicle.

Grand Rapids, Mich.—W. W. Mulick has been on the sick list.

DAHLIAS
Now is the time to place your order for Bulbs which will insure your getting named varieties in any quantity; delivery to be made now or early spring.
DAVID HERBERT & SON
Successors to L. K. Peacock, Inc. **ATCO, N. J.**
Mention The Review when you write.


Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

Aster Seed
Vick's Branching, late White Aster, $1.00 per oz.; $12.00 per lb. The above seed is from carefully selected stock and should give good satisfaction.
WHITE BROS., Gasport, N. Y.
Mention The Review when you write.

GLADIOLI
Write for trade price list of named varieties, assorted colors and fine mixtures.
E. E. STEWART, Rives Junction, Mich.
Mention The Review when you write.

Sow Now The True Thing
Ageratum Blue Star, the best of all for pots, 6 tr. pkts., $1.25; tr. pkt., 25c.
Alyssum Carpet Queen, fine extra dwarf strain, 6 tr. pkts., $1.25; tr. pkt., 25c.
Begonia Erfordii, for pots the best rosy pink, 6 tr. pkt., $1.25; tr. pkt., 25c.
Begonia, Zangen's new Bedding Queen, a real Daybreak pink, compact, ball-shaped, wax Begonia with lively green foliage, unexcelled for pots and out doors. 6 tr. pkts., $2.50; tr. pkt., 50c.
Petunia Rosy Morn, a fine bedder, 6 tr. pkts., $1.25; tr. pkt., 25c.
Petunia, California single giants, extra strain, 6 tr. pkts., $4.00; tr. pkt., 75c.
Petunia, double fringed Giants, 6 tr. pkts., $5.00; tr. pkt., $1.00.
Salvia Fireball, this is a new, real dwarf compact early-flowering, fine variety and there is hardly a better one for pots. 6 tr. pkts., $2.50; tr. pkt., 50c.
Verbena, Mammoth, unexcelled strains; as Auricolor flowered, scarlet, striped, pink, purple, white, each separate. Oz., $1.50; tr. pkt., 25c.
For larger quantities special quotations, also ask for my Wholesale Catalogue.
O. V. ZANGEN, Seedsman, HOBOKEN, N. J.
Mention The Review when you write.

SHAMROCK
IRISH. THE REAL THING! GREEN
Strong and fine plants. Better order early.
$4.00 per 100; or 60c per doz., by mail.
..XXX SEEDS..
Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large-flowering dwarf, mixed colors, 1000 seeds, 50c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c. Pkt. Mme. Perret, "gratis."
Petunia. New Star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Extra count of seeds in all packets.
JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

VERBENA MAMMOTH

Colored or **Mixed**		oz.	$0.75
Petunia, double large-fl. fringed		tr. pkt.	1.00
" single large-fl. fringed		tr. pkt.	.50
Salvia Splendens		oz.	1.00
Stocks, large-fl. 10 Weeks'		tr. pkt.	.25
" Dwarf Snowflake		tr. pkt.	.25
Begonia, Dwarf Vernon		tr. pkt.	.25
" Vulcan		tr. pkt.	.25
" Erfordi		tr. pkt	.25

W. C. BECKERT, Allegheny, Pa.
Mention The Review when you write.

Augusta Gladiolus
First size, 1⅜ and up.....$12.00 per 1000
Second size, 1¼-1⅜..... 8.00 per 1000
Cash with order. Satisfaction guaranteed.
Rowehl & Granz, Hicksville, L. I., N. Y.
Mention The Review when you write.

EDWARD REID
WHOLESALE FLORIST
1526 Ranstead St., PHILADELPHIA
CARNATIONS, VALLEY, GARDENIAS
And the best of everything seasonable in season.
Mention The Review when you write.

REMOVAL BERGER BROS., Wholesale Florists, have removed to their new store at
1305 FILBERT STREET,
Where all orders will be promptly and carefully executed. PHILADELPHIA, PA.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Feb. 27.

	Per doz.
Beauties, Specials	$9 00 to $10.00
" Extra	6 00 to 7.50
" Medium	3.00 to 5.00
" Short	1.00 to 1.50
	Per 100
Brides and Bridesmaids, Fancy	$12.00 to $15.00
" " Select	8.00 to 10.00
" " Ordinary	4.00 to 5.00
Richmond, Liberty, Fancy	15.00 to 20.00
" Select	10.00 to 12 00
" Ordinary	4.00 to 6.00
Killarney, Chatenay, Select	10.00 to 12.00
" " Ordinary	4.00 to 6.00
Golden Gate, Select	10.00 to 12.00
" " Ordinary	4.00 to 6.00
Carnations, Fancy	4.00 to 5.00
" Select	2.50 to 3.00
" Ordinary	1.50
Harrisii Lilies, per doz., $1.50 to $1.75	
Adiantum Cuneatum	1.00
" Hybridum	1.50
Asparagus Plumosus, Strings	50.00 to 75.00
" Sprays, bunch....50c	
" Sprengeri, bunch...50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Cattleya Trianæ	60.00
Callas .....per doz., $1.00 to $1.25	
Violets, Single	.35 to .50
" Double	.75 to 1.00
" White	1.50
Gardenias....$3.00 to $4.00 per doz.	
Pansies	.75
Snapdragon	3.00 to 4.00
" fancy	8.00 to 10.00
Sweet Peas	.75 to 1.00
Daisies, White and Yellow	1.00 to 2.50
Paper White Narcissus	2.00 to 3.00
Mignonette	2.00 to 5.00
Single Daffodils	2.00 to 3.00
White Lilacs..... per bunch,	.50 to 1.00
Freesias	2.00 to 4.00
Golden Spur	2.00 to 3.00
Tulips	2.00 to 4.00
Double Daffodils	3.00 to 4.00

Pittsburg, Feb. 27.

	Per doz.
Beauties, Specials	$ 4.00 to $ 5.00
" Fancy	2.50 to 3.00
" Medium	1.25 to 2.00
" Short	.50
	Per 100
Brides and Bridesmaids, Fancy	$15.00
" " Medium	$ 8.00 to 12.00
" " Short	6.00
Richmond, Specials	15.00
" Select	12.50
" Ordinary	6.00 to 10.00
Killarney	8.00 to 15.00
Chatenay	8.00 to 15.00
Perle	6.00 to 8.00
Bon Silene	4.00
Cusin	4.00 to 8.00
Carnations, Ordinary	2.00 to 3.00
" Fancy	4 00
Sweet Peas	.50 to 1.25
Adiantum	1.00 to 1.50
Asparagus Plumosus, Strings	30.00 to 50.00
" Sprays, bunch, 40c-50c	
" Sprengeri, b'h, 40c-50c	
Smilax	12.50 to 15.00
Valley	3.00 to 4.00
Violets, double	.50 to 1.00
Paper Whites	3.00 to 4.00
Roman Hyacinths	2.00 to 4.00
Freesias	1.00 to 3.00
Tulips	3.00
Cypripediums	15.00

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—L. J. BROSEMER, Oswego, N. Y.

W. E. McKISSICK, Wholesale Florist
1221 FILBERT STREET, PHILADELPHIA
PEAS, VALLEY AND LILAC
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THE CLEVELAND FLORISTS' EXCHANGE
Carnations and Sweet Peas The finest in this market in full supply.
We can fill your wants at right prices. 606 Huron Road, CLEVELAND, O.
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EUGENE BERNHEIMER Choice Flowers, Leucothoe Sprays, Selected Galax, $7 50 per case.
WHOLESALE FLORIST
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A Good Opening for a first-rate carnation grower.
WILLIAM J. MOORE, Wholesale Florist, 1237 Filbert St., Philadelphia.
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CARNATIONS, DAISIES
DAFFODILS and SWEET PEAS.
WHOLESALE FLORIST
1432 So. Penn Square, PHILADELPHIA, PA.
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6-inch pots .....$12.00 per doz.
NEPHROLEPIS SCOTTII,
6-inch pots .....$6.00 per doz.
PANDANUS VEITCHII,
6-inch pots .....$12.00 per doz.
8-inch pots .....$2.00 each.
JOHN WELSH YOUNG,
Germantown, Philadelphia, Pa.
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15 DIAMOND SQUARE
217-223 DIAMOND STREET
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WHOLESALE FLORISTS
Store opens 7 a. m., closes 8 p. m.
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ROSES and CARNATIONS
FANCY FERNS and GALAX—High-Grade Stock
Orders filled satisfactorily.
Detroit Cut Flower Supply House
Wholesale Commission Florist. H. V. Pearce, Prop.
6 Adams Ave. West, Detroit, Mich.
Home Phone 164. Bell, Main 974.
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GROWER OF
PALMS, ETC.
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
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We are HEADQUARTERS FOR EVERY KIND of Cut Flowers in THEIR SEASON

OUT-OF-TOWN FLORISTS promptly attended to. Telephone for what you want.

Reasonable Prices, Square Dealing. Tel. 3860, 3861 Madison Square.

FRANK H. TRAENDLY CHARLES SCHENCK

TRAENDLY & SCHENCK

Wholesale Florists and Cut Flower Exchange

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Telephones, 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

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Receiver and Shipper of Cut Flowers.
Consignments Solicited.
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ORCHIDS A SPECIALTY

THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND

GARDENIAS, DAISIES, ROSES AND CARNATIONS

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WHOLESALE COMMISSION DEALER.

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ESTABLISHED 1887.

J. K. ALLEN,

Room for a few more first-class growers of American Beauties Violets and Carnations.

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Roses, Violets, Carnations, Cattleyas, Cyps., Narcissus.

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Telephone No. 3393 Madison Square.

CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.

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WHOLESALE FLORISTS

55 and 57 W. 26th Street, Cut Flower Exchange, NEW YORK

OPEN ALL DAY

An Unexcelled Outlet for CONSIGNED FLOWERS

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Wholesale Florist

51 W. 28th Street, NEW YORK

Telephones—4463-4464 MADISON.

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WALTER F. SHERIDAN

Wholesale Commission Dealer in

CUT FLOWERS

39 W. 28th St., NEW YORK
(Established 1882)

Receiving Extra Quality American Beauties and all other varieties of Roses.

Telephone 902 Madison Square. Carnations.

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Reed & Keller

122 W. 25th St., New York

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We manufacture all our METAL DESIGNS, BASKETS, WIRE WORK and NOVELTIES and are dealers in Glassware, Decorative Greens and all Florists' requisites.

Mention The Review when you write.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Wholesale Cut Flower Prices.

New York, Feb. 25.

	Per 100
Beauties, Specials	$50.00 to $ 75.00
" Fancy	35.00 to 40.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" No. 2	8.00 to 10.00
" Shorts	4.00 to 6.00
Brides and Maids, Special	10.00 to 12.00
" " Extra	8.00 to 10.00
" " No. 1	6.00 to 8.00
" " No. 2	3.00 to 4.00
Golden Gate, Chatenay	3.00 to 12.00
Killarney	3.00 to 12.00
Richmond	4.00 to 20.00
Orchids, Cattleyas	40.00 to 50.00
Cypripediums	10.00 to 15.00
Gardenias	15.00 to 30.00
Carnations, Common	1.00 to 2.00
" Selects	2.00 to 3.00
" Fancies and novelties	4.00 to 6.00
Violets	.25 to .60
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.25
Asparagus Plumosus, strings	25.00 to 50.00
" Sprengeri, bunches	8.00 to 15.00
Lilies	8.00 to 15.00
Lily of the Valley	1.00 to 2.00
Smilax	8.00 to 12.00
Narcissus	.50 to 2.00
Callas	8.00 to 12.00
Hyacinths	.50 to 2.00
Tulips	1.00 to 2.00
Lilacs	bunch, 50c to 75c
Daisies	1.00 to 2.00
Mignonette	1 50 to 6.00

B. S. SLINN, Jr.

WHOLESALE FLORIST

55 and 57 W. 26th St., NEW YORK CITY

Telephone, 3864 Madison Square.

Violets Roses and Carnations

Mention The Review when you write.

Gunther Bros.

30 West 29th Street,

Phone, 551 Madison Square, NEW YORK

Violets, Roses, Carnations, Orchids.

Established 1888.

GROWERS—Important—Special advantages for you this season. Write or see us.

Mention The Review when you write.

FOLEY'S FLORAL FOTOGRAPHS

FLORAL ALBUM, size 12x11, containing 24 different funeral designs. by express, $5.00 C. O. D.

226-228½ BOWERY, NEW YORK

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ESTABLISHED 1872

PERKINS & SCHUMANN

Wholesale Commission Florists

57 West 26th Street, Cor. 6th Ave. NEW YORK

Tel. No. 1009 Madison Square

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FORD BROS.

48 W. 28th Street, NEW YORK

Telephones, 3870-3871 Madison Square

The Largest Shippers and Receivers of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention The Review when you write.

C. BONNET G. H. BLAKE

BONNET & BLAKE

Wholesale Florists

106 Livingston St., BROOKLYN, N. Y.

Telephone 4638 Main.

Consignments solicited. Out-of-town orders carefully attended to. Give us a trial.

Mention The Review when you write.

1871 James Hart 1907

(The Original Pioneer House)

Commission Dealer in CUT FLOWERS

103 West 28th St., near 6th Ave.,

Telephone 626 Madison Square, NEW YORK.

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

Mention The Review when you write.

WM. STARKE

Wholesale Florist and Plantsman

Tel. 4532 Madison Sq. 52 W. 29th St.
Between Broadway and 6th Ave., New York

SHIPMENTS OF PLANTS made to any part of the country. A trial order solicited.

SATISFACTION GUARANTEED.

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Rice Brothers

113 North 6th St.

Wholesalers and shippers of home-grown Cut Flowers, comprising the newest varieties of blooms. Full line of Supplies and Decorative Greens. Trial order solicited. Weekly price list issued. MINNEAPOLIS, MINN.

Mention The Review when you write.

"THE RELIABLE HOUSE"
110 W. 28th St. Telephones: 324-325 Mad. Sq. NEW YORK CITY
Roses, Carnations, Valley, Orchids, Gardenias, Violets and Every Variety of Cut Flowers.
Richmond Roses—Out-of-town shipments. Write or telegraph for them.
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Wholesale Florists
55-57 W. 26th St.
NEW YORK CITY
SHIPPING ON COMMISSION
Telephone, 756 Madison Square

Alexander J. Guttman
THE WHOLESALE FLORIST OF NEW YORK
43 WEST 28th STREET
PHONES, 1664 1665 MADISON SQUARE
ENOUGH SAID

H. E. FROMENT
Wholesale Commission Florist (Successor to W. Ghormley)
Receiver and Shipper of All Varieties of Cut Flowers
Telephones, 2200 and 2201 Madison Square. 57 West 28th St., NEW YORK

George Cotsonas & Co.
Wholesale and Retail Dealers in all kinds of
Ever-greens
FANCY and DAGGER FERNS.
GALAX—Brown and Green.
50 West 28th St., NEW YORK CITY.
LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.
Telephone 1202 Madison.
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The latest carnation wonder of the F. R. Pierson Co. Best seller, best keeper, best ever! Sold exclusively by the
NEW YORK CUT FLOWER CO.
Jos. A. Millang, Mgr. Coogan Bldg., New York
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53 W. 28th St., NEW YORK
Tel. No. 1415-1416 Madison Square
Stands at Cut Flower Exchange. Coogan Bldg., W. 26th Street, and 34th Street Cut Flower Market.
SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.
Green and Bronze Galax Leaves
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John Seligman & Co.
Wholesale Florists
56 WEST 26th STREET
Tel. 4878 Madison Sq. NEW YORK
Opposite New York Cut Flower Co.
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Wholesale dealers in Fresh Cut Palmetto and Cycas Palm Leaves, Galax, Leucothoe, Ferns, Mosses, all Decorating Evergreens.
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Consignments of first-class stock solicited.
Prompt returns.
"THE SQUARE DEAL"
guaranteed to all who deal here.
52 West 28th Street, NEW YORK
TEL. 5583 Madison Square.
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114 West 28th Street, NEW YORK CITY
Manufacturers and Importers of
WILLOW and FANCY BASKETS For Florists
Dealers in Florists' Supplies
Our Specialties, Wheat Sheaves and Baskets
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Wholesale Dealer in
Wild Smilax, Galax, Palm Leaves, Leucothoe Sprays, Fancy and Dagger Ferns,
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FLOWERING & DECORATIVE PLANTS
of Every Description.
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BY ALEX. MONTGOMERY, JR.
"The most important contribution to the modern literature of the Rose."
"Of much interest to every Rose grower and of utmost value to growers of Grafted Roses."
Containing Practical Description of the Process of Grafting with Full Details of planting and culture, also Directions for treatment to carry the plants a second year.
FULLY ILLUSTRATED
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CUT FLOWERS
Room for the products of growers of first-class stock.
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Tel., 4591 Main.

A. L. YOUNG & CO.
WHOLESALE FLORISTS
CONSIGNMENTS OF CHOICE CUT FLOWERS SOLICITED
Prompt Payments. Give us a trial.
54 West 28th St. NEW YORK
Telephone, 3559 Madison Square.
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PRONOUNCING DICTIONARY
A list of PLANT NAMES and the Botanical Terms most frequently met with in articles on trade topics with the Correct Pronunciation for each. Sent postpaid on receipt of 25c.
FLORISTS' PUBLISHING CO.
334 Dearborn St. Chicago.

A. HERRMANN
Department Store For Florists' Supplies
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th St., NEW YORK.
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The best way to collect an account is to place it with the
National Florists' Board of Trade
56 PINE ST., NEW YORK
Why? Because many debtors will pay the Board, fearing otherwise a bad rating in our Credit List. Full information as to methods and rates given on application.
Mention The Review when you write.

Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Feb. 27.

	Per doz.
Beauties, long stems	$6.00
" 36 inch stems	5.00
" 30-inch stems	4.00
" 24-inch stems	3.00
" 20-inch stems	2.00
" 15-inch stems	1.50
" 12-inch stems	1.00
" Short stems	.75

	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	4.00 to 8.00
Brides, Specials	10.00 to 12.00
" Firsts	4.00 to 8.00
Richmond, Specials	12.00 to 18.00
" Firsts	5.00 to 10.00
Liberty	5.00 to 12.00
Golden Gate, Firsts	10.00 to 12.00
" " Seconds	4.00 to 8.00
Killarney	5.00 to 15.00
Uncle John	5.00 to 12.00
Perle	5.00 to 10.00
Chatenay	5.00 to 12.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets, double	.50 to .75
" single	.50 to .75
Cattleyas	per doz., $6.00
Dendrobium—Formosum	doz., $3.00 to $6.00
Cypripediums	doz., 2.00
Harrisii	15.00
Callas	10.00 to 12.00
Valley	2.00 to 4.00
Jonquils	3.00 to 4.00
Tulips	2.00 to 5.00
Sweet Peas	.75 to 1.50
Paper Whites, Romans	3.00
Freesias	2.00 to 4.00
Mignonette	6.00 to 8.00
Asparagus, Strings	50.00 to 60.00
" Sprays, per bunch	75c
" Sprengeri, "	25-35c
Ferns	per 1000, $2.50 to $3.00 .30
Galax	per 1000, 1.00 to 1.50 .15
Adiantum Cuneatum	1.00 to 1.50
" Croweanum	2.00
Smilax	per doz., $1.50 to $2.00 12.00 to 15.00

Buffalo, Feb. 27.

	Per doz.
Beauties, Specials	$9.00
" Fancy	6.00
" Extra	3.00
" First	2.00

	Per 100
Brides and Maids, Extra	$12.00 to $15.00
" " No. 1	10.00 to 12.00
" " No. 2	4.00 to 8.00
Liberty	5.00 to 15.00
Golden Gate	5.00 to 10.00
Perle	5.00 to 8.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.00 to 1.50
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Smilax	15.00
Harrisii	15.00
Violets	.75 to 1.00
Romans and Narcissi	2.00 to 3.00
Tulips	2.00 to 3.00
Daffodils	2.00 to 3.00

Cleveland, Feb. 27.

	Per doz.
Beauties, Specials	$6.00
" Extra	4.00
" Select	3.00
" No. 1	2.00
" Shorts	1.00

	Per 100
Brides and Bridesmaids	$ 6.00 to $15.00
Carnations	2.00 to 4.00
Violets	.75 to 1.00
Sweet Peas	1.00 to 1.50
Pansies	1.00 to 1.50
Tulips	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri, "	2.00 to 4.00
Smilax	15.00

Chicago Rose Co.

Rose Growers and Commission Handlers of Cut Flowers

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Wire Work our Specialty.

56-58 Wabash Avenue, CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of... Cut Flowers

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO

Poehlmann Bros. Co.

Wholesale Growers of and Dealers in Cut Flowers

All telegraph and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street. CHICAGO, ILL.

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CARNATION BLOOMS

In Cincinnati.

Other Cut Flowers in season.

GREEN GOODS, SPHAGNUM and GREEN MOSS, WIRE WORK for Florists.

Place your order now for Begonia Gloire de Lorraine, 2¼-in. pots, June delivery. $12.00 per 100; $100.00 per 1000.

CARNATION CUTTINGS,

Rooted or Unrooted.

Send a list of your wants for prices.

WILLIAM MURPHY,

Wholesale Commission Florist,

138 East Third Street, CINCINNATI, O.

L. D. Phones—M 980. W 81 Y

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PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market

60 Wabash Ave., CHICAGO

STANDING ORDERS SOLICITED.

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KRUCHTEN & JOHNSON

Wholesale Cut Flowers

51 Wabash Ave., CHICAGO

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Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

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SINNER BROS.

WHOLESALE CUT FLOWERS

60 Wabash Ave., Chicago

Careful attention to all

SHIPPING ORDERS

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WEILAND & RISCH

Wholesale Growers and Shippers of

CUT FLOWERS

59 Wabash Ave. CHICAGO

Phone, Central 879.

Write for our wholesale price list.

WHOLESALE FLORISTS

Be Your Own Commission Man

Sell your own Stock at the

FLOWER GROWERS' MARKET

See PERCY JONES, Manager

60 WABASH AVE., CHICAGO

Mention The Review when you write.

J. B. DEAMUD CO.

Wholesale Florists

51-53 Wabash Ave., CHICAGO

Mention The Review when you write.

Zech & Mann

Wholesale Growers and Shippers of

CUT FLOWERS

51 Wabash Ave., Chicago

Room 218. L. D. Phone 3284 Central.

Mention The Review when you write.

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You can get your share of the good business which will soon be going on by having your advertisement appear regularly in

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NOW IS THE TIME TO

BEGIN!

YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

WHOLESALE CUT FLOWERS

Valley, American Beauties, Brides and Maids, Sprengeri, Asparagus Plumosus, Carnations and Violets and all seasonable flowers. Large stock of Stevia on hand; can supply you at lowest market prices at short notice. All orders will have our prompt attention. A trial order will convince you. Telegraph or telephone when you need Cut Flowers to

HENRY M. ROBINSON & CO., Tel. Main 2617-2618, **15 Province St., 9 Chapman Pl., Boston, Mass.**

Wholesale Cut Flower Prices.

Cincinnati, Feb. 27.

	Per 100.	
Beauties, Extra	$40.00 to	$50.00
" No. 1	20.00 to	30.00
" Shorts	10.00 to	15.00
Brides and Maids, Extra		12.00
" " No. 1		8.00
" " No. 2		4.00
Golden Gate	4.00 to	12.00
Kaiserin	4.00 to	12.00
Liberty	6.00 to	20.00
Meteor	4.00 to	12.00
Perle and Sunrise	3.00 to	8.00
Carnations	2.00 to	6.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays	2.00 to	4.00
" Sprengeri, "	2.00 to	3.00
Lilium Harrisii	12.50 to	15.00
Smilax	12.50 to	15.00
Lily of the Valley	3.00 to	5.00
Callas	8.00 to	12.50
Adiantum	.75 to	1.50
Violets	.50 to	1.50
Baby Primroses	.35 to	.50
Paper Whites	3.00 to	4.00
Romans	3.00 to	4.00
Tulips	3.00 to	4.00
Dutch Hyacinths	4.00 to	6.00

C. E. CRITCHELL

Wholesale Commission Florist

Cut Flowers and Florists' Supplies

WIRE WORK OF ALL KINDS

Write for price list. Consignments solicited.

36 East Third St. CINCINNATI, OHIO

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LOUIS H. KYRK

Wholesale Commission Florist
Cut Flowers and Florists' Supplies

Phones, Main 3062, West 855-L.

110-112 East 3rd St., Cincinnati, O.

Consignments Solicited.

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The J. M. McCullough's Sons Co.

WHOLESALE COMMISSION FLORISTS
CONSIGNMENTS SOLICITED

Special attention given to shipping orders. Jobbers of Florists' Supplies, Seeds and Bulbs. Price lists on application.

Phone Main 584. 316 Walnut St. Cincinnati, O.

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LILIUM GIGANTEUM

Sound bulbs, 7x9 $6.50; 8x9, $7.50 per 100.
Fine condition in cold storage.

D. RUSCONI, 32 W. 6th St., Cincinnati, O.

Mention The Review when you write.

The Metairie Ridge Nursery Co., Ltd. NEW ORLEANS, LA.

Growers of

CHOICE CUT FLOWERS

Roses, Carnations, Orchids, Etc.

We are fully prepared to fill orders for shipping by steamers and express all through the Southern States.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

WELCH BROS., 226 DEVONSHIRE ST., Boston, Mass.

Phone 6268, 6267, 5419 Main

New England Headquarters for

Carnations, Violets, Roses, Lily of the Valley

Carefully selected and packed for long distance shipment.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST...

Cut Flowers and Florists' Supplies

Manufacturer of the Patent Wire Clamp Floral Designs. A full line of SUPPLIES always on hand. Write for catalogue and prices.

1122 Pine St., - ST. LOUIS, MO.

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1402 Pine Street,
ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Feb. 27.

	Per doz.	
Beauties, Specials	$ 5.00 to	$6.00
" Extra	3.00 to	4.00
" Shorts	1.00 to	2.00
	Per 100	
Brides and Maids, Specials	$ 8.00 to	$10.00
" " No. 1	5.00 to	6.00
Golden Gate	6.00 to	10.00
Richmond	6.00 to	10.00
Carnot	6.00 to	10.00
Carnations, Common	1.50 to	2.00
" Fancies	3.00 to	4.00
Adiantum	1.00 to	1.25
Asparagus Plumosus, Strings	25.00 to	35.00
" " Sprays	1.00 to	1.50
" Sprengeri, "	1.00 to	3.00
Lily of the Valley	2.00 to	3.00
Smilax	12.50 to	15.00
Violets	.35 to	.40
Paper Whites	3.00 to	4.00
Romans	1.00 to	3.00
Callas	12.50 to	15.00
Freesias	2.00 to	3.00
Dutch Hyacinths	4.00 to	5.00
Tulips	3.00 to	4.00

Milwaukee, Feb. 27.

	Per 100	
Beauties, Medium	$15.00 to	$18.00
" Shorts	6.50 to	10.00
Bride and Bridesmaid	6.00 to	10.00
Golden Gate, Chatenay	6.00 to	10.00
Richmond	8.00 to	10.00
Perle	6.00 to	10.00
Carnations	2.00 to	4.00
Valley		3.00
Violets	.50 to	.75
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays		3.00
" Sprengeri, "		3.00
Smilax		15.00
Adiantum		1.00
Paper Whites, Romans		3.00
Callas		18.00
Trumpet Major		3.00
Tulips		3.00

I CAN always find time to read the REVIEW, no matter how busy.—JOHN LAWRENCE, Ogdensburg, N. Y.

THE REVIEW is worth five times the price to any florist, large or small.—H. D. CALDWELL, Danville, Ill.

Wholesale Cut Flower Prices.

Boston, Feb. 27.

	Per 100.	
Beauties, Specials	$50.00 to	$ 80.00
" Extra	20.00 to	40.00
" Short Stems	8.00 to	20.00
Brides, Specials	8.00 to	12.00
" Seconds	4.00 to	6.00
Bridesmaids, Specials	12.00 to	16.00
" Seconds	4.00 to	6.00
Chatenay	4.00 to	12.00
Wellesley, Killarney	4.00 to	15.00
Liberty, Richmond	4.00 to	35.00
Carnations, Special	4.00 to	6.00
" Select	2.50 to	3.00
" Ordinary	1.50 to	2.00
Lily of the Valley	3.00 to	4.00
Asparagus Plumosus, Strings	30.00 to	50.00
" Sprays, bunches	25.00 to	50.00
" Sprengeri, bunches		25.00
Adiantum Cuneatum	.50 to	1.00
Smilax	12.00 to	15.00
Harrisii	10.00 to	12.00
Violets	.30 to	.75
Cattleyas		50.00
Callas	8.00 to	10.00
Antirrhinum	4.00 to	8.00
Sweet Peas	.75 to	1.50
Mignonette	2.00 to	4.00
Paper Whites, Romans	1.50 to	2.00
Tulips	2.00 to	3.00
Daffodils	2.00 to	3.00

Holton & Hunkel Co.

WHOLESALERS OF

Cut Flowers, Palms, Ferns

and a General Line of Plants

MANUFACTURERS OF

WIRE WORK AND FLORISTS' SUPPLIES

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462 Milwaukee St., Milwaukee, Wis.

Mention The Review when you write.

Wm. C. Smith & Co.

Wholesale Florists

1316 Pine St. ST. LOUIS

Both long distance phones.

Supplies and Everything in Season always on hand.

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THE PIKE'S PEAK FLORAL CO.

Exclusively Wholesale

COLORADO SPRINGS, COLO.

Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

WILLIAM H. DONOHOE

Telephone No. 3034 Madison. **No. 2 WEST 29th ST.,** One door off Fifth Ave., **NEW YORK.**

Special attention to theatre orders. Personal and artistic arrangement. No disappointments in catching steamers and reliable deliveries guaranteed. Special rates for my brother florists from any part of the country. **One Trial Sufficient.**

..ORDERS FOR..

Chicago

WILL BE FILLED BY

P. J. HAUSWIRTH

13 Congress Street

Auditorium Annex. Telephone Harrison 585.

Colberg & Lemke

21 E. 6th St., St. Paul, Minn.

Prompt attention given all orders for the Twin Cities, Minnesota, the Dakotas and Montana.

J. B. BOLAND CO.

SUCCESSORS TO SIEVERS & BOLAND

FLORISTS

47-49 Geary Street. SAN FRANCISCO, CAL.

ST. PAUL, MINN.

Order your flowers for delivery in this section from the leading Florists of the Northwest.

L. L. MAY & CO.

ST. PAUL. MINN



WASHINGTON, D. C.

GUDE'S

ORDERS for DULUTH

and vicinity will be carefully looked after by

W.W.SEEKINS

109 W. Superior St., DULUTH, MINN.

...THE...

CAROLINA FLORAL CO.

F. W. KUMMER, Mgr.

339 King St., Charleston, S. C.

GALVESTON, TEXAS

MRS. M. A. HANSEN

Y. M. C. A. BUILDING

FRED C. WEBER

4326-4328 Olive Street

ST. LOUIS, MO.

Will carefully execute orders for St. Louis and other towns in Missouri and Illinois. (Established 1873.)

SAMUEL MURRAY

....FLORIST....

1017 Broadway, KANSAS CITY, MO.

Write, Telephone or Telegraph

All orders given prompt attention.

JOHN BREITMEYER'S SONS

COR. BROADWAY AND GRATIOT AVE.

DETROIT, MICH.

C. C. POLLWORTH CO.

WHOLESALE FLORISTS

Milwaukee, Wis.

Will take proper care of your orders in **WISCONSIN**

CHOICEST FLOWERS

George H. Berke

FLORIST

Local and Long Distance Phones.

1505 Pacific Ave., ATLANTIC CITY, N. J.

Houghton & Clark

396 Boylston Street,

Boston, Mass.

RETAIL ORDERS SOLICITED FOR

PITTSBURG, PA.

H. L. BLIND & BROS.

30 FIFTH STREET

Careful and Prompt Attention to Out-of-town Orders.

Geo. M. Kellogg

Wholesale and Retail Florist

906 Grand Ave., KANSAS CITY, MO.

All Kinds of CUT FLOWERS

in their season. Also Rose and Carnation plants in season. Greenhouses at Pleasant Hill, Mo.

YOUR ORDERS FOR

EVERY DEPARTMENT of FLORAL ART

are earnestly solicited and my personal attention will be given even to the smallest detail.

A. WARENDORFF

1193 Broadway 1474 Broadway, Madison Ave. and 71st St., NEW YORK

David Clarke's Sons

2139-2141 Broadway

Tel. 1552-1553 Columbus

New York City

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

LEIKENS

7 East 33rd Street

Belmont Hotel, 42nd St., New York

NEWPORT, R. I.

☛Orders from any part of the country filled carefully and at wholesale prices.

Palmer's

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Wholesale and Retail Florist

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FOR OTHER LEADING RETAIL FLORISTS SEE NEXT PAGE.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

Alexander McConnell

571 FIFTH AVENUE, Windsor Arcade **NEW YORK CITY**

Telegraph orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or intrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Telephone Calls: 340 and 341 38th Street. **Cable Address: ALEXCONNELL.** **Western Union Code.**

BROOKLYN, NEW JERSEY, } **Deliveries Anywhere** { **NEW YORK, LONG ISLAND.**

Trade orders well cared for from all parts of the Country, and delivered at Theatre, Hotel, Steamer or Residence. Address

ROBERT G. WILSON

Fulton St. and Greene Ave. Telephones, Prospect 2840 and 4065 **BROOKLYN, N. Y.**

Established in 1857.

Wittbold FLORIST

1657-1659 Buckingham Place

L. D. Phone 558 Lake View. CHICAGO

Send us your retail orders. We have the best facilities in the city.

MYER 609-611 Madison Avenue New York

Long Distance Phone, 6297 Plaza.

THAT'S OUR BUSINESS

$25,000.00 last year. We can care for more orders in this vicinity. Write or wire.

Alpha Floral Co.

KANSAS CITY, MO.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity

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ATLANTA FLORAL Co.

41 Peachtree St., ATLANTA, GA.

J. J. BENEKE

1216 Olive St., ST. LOUIS, MO.

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MINNEAPOLIS, MINN.

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

S. B. STEWART

119 No. 16th Street, OMAHA, NEB.

WILLIAM L. ROCK FLOWER CO.

Kansas City, - Mo.

will carefully execute orders for Kansas City and any town in Missouri or Kansas.

Young & Nugent

42 W. 28th St., New York

We are in the theatre district and also have exceptional facilities for delivering flowers on outgoing steamers. Wire us your orders; they will receive prompt and careful attention.

E. O. LOVELL GRAND FORKS

will give prompt attention to all orders for delivery in North Dakota

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Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON, St. Paul, Minn.

LOUISVILLE, KY.

Personal attention given to out-of-town orders for Louisville, Ky., and its vicinity.

JACOB SCHULZ, 644 4th Avenue, Louisville, Ky.

U. J. VIRGIN

838 Canal Street, New Orleans, La.

FREMONT, NEB.

The florists are busy cutting good stock and it is being cleaned up all the time. Funeral work has been in extra demand for the last month. Roses were not so plentiful as they might have been, but carnations helped out. Dull weather did not seem to check carnations much and quality has been good all winter. Easter lilies will be a little short crop.

C. H. Green will build one house, 16x 116, this spring, for palms and ferns. He says that spring plant business promises to be the best ever.

RHINEBECK, N. Y.—W. G. H. Applegate has gone out of business.

ALBIA, IA.—W. T. Richey is planning to build a greenhouse in the spring.

NORTH PACIFIC COAST

The H. Harrington Co.

912 SECOND AVE.
SEATTLE, WASH.

S. MASUR

FLORIST
288 Fulton St.
Near Clark St.
Tel. 334 Main. Brooklyn, N. Y.

Write, Wire or Phone Your Orders to

YOUNGS'

1406 Olive St., ST. LOUIS, MO.

Regular discount allowed on all orders, either Plants or Cut Flowers.

Phones: Bell, Main 2306; Kinlock, Central 4981.

Send orders for delivery

IN OHIO TO GRAFF BROS.

COLUMBUS, OHIO

In the exact center of the state.

STEAMER SAILINGS.

Although winter travel amounts to little for the florists as compared to summer, it is nevertheless worth while to remind you of your facilities for delivering flowers at distant points on short notice. Following are principal sailings:

Steamers—	From—	To—	Sails.
Friedrich	New York	Naples	Mar. 2
Momus	New Orleans	Havana	Mar. 2
Kaiser	New York	Cherbourg	Mar. 5
Teutonic	New York	Liverpool	Mar. 6
Rhein	New York	Bremen	Mar. 7
P. Irene	New York	Naples	Mar. 9
Momus	New Orleans	Havana	Mar. 9
Hannover	New York	Bremen	Mar. 14
Momus	New Orleans	Havana	Mar. 16
Saxonia	Boston	Liverpool	Mar. 19
Breslau	New York	Bremen	Mar. 21
Momus	New Orleans	Havana	Mar. 23
Kronprinz	New York	Bremen	Mar. 26
Pretoria	New York	Barbados	Mar. 30
Orinoco	New York	Panama	Mar. 30
Momus	New Orleans	Havana	Mar. 30
Amsteldyk	Norfolk	Rotterdam	Apr. 3
König Albert	New York	Naples	Apr. 6
Momus	New Orleans	Havana	Apr. 6
Slavonia	New York	Naples	Apr. 11
Friedrich	New York	Genoa	Apr. 13
Momus	New Orleans	Havana	Apr. 13
Albano	Norfolk	Hamburg	Apr. 18
Momus	New Orleans	Havana	Apr. 20
P. Irene	New York	Naples	Apr. 20
Moltke	New York	Naples	Apr. 23
Ultonia	New York	Naples	Apr. 25
Momus	New Orleans	Havana	Apr. 27
Tennyson	New York	Rio	Apr. 30

ELMIRA, N. Y.—Louis Soldan has closed his business here and gone with the Elm City Nursery, New Haven, Conn.

PACIFIC COAST.

The Oregon Board of Agriculture requires the dipping of nursery stock in the lime and sulphur wash instead of fumigation.

PORTLAND, ORE.

Current Comment.

What January lacked in trade activity and other favorable conditions is more than being compensated for in opposite extremes the present month. This means balmy days, plenty of good stock and a right brisk demand for everything. Socially, we are keeping up with the procession, having recently entertained such notables as Miss Olga Nethersole and William Jennings Bryan, whose visits certainly gave impetus to trade. We cannot omit speaking of a fine run of wedding work, where metropolitan ideas were displayed, and never were there so many orchids and valley used.

As for funeral orders, there is no limit to them, the high death rate being largely due to atmospheric conditions. Our rainy season begins in November and continues until late in the spring and the Oregonian has become so accustomed to this order of things that when we experience a week or two of advanced spring weather the effect is similar to what is known as an open winter in the east.

St. Valentine's day relieved the market of the entire supply of violets and much other fine stock. We are never caught napping on that date and all our foolish ideas were brought into action. In the same week began the Chinese New Year, which is celebrated in true celestial fashion by our 3,000 Mongolian inhabitants. When we first came to the coast we rebelled against the seeming necessity of mastering the Chinese language, which is as essential here as German is in Milwaukee. While we do not agree with John in his ideas of dress and diet, nevertheless we admire his love for flowers and his ability to drive a bargain. This event is a good time to dispose of a surplus stock of azaleas and we were prepared for it. When purchasing cut flowers the highly scented ones are his favorites.

At this writing there is an abundance of everything of the finest quality and we hope this may continue until the end of the season.

Closely following the cold snap in January we were visited by a severe storm of sleet and rain, which was appropriately termed by the press, silver thaw. It lasted two days and, while beautiful to look upon, this phenomenon proved most disastrous to the trees and shrubs. Many grand old trees, which were the pride of pioneers and pleasure of the present generation, were crippled beyond recognition by the heavy coating of ice. The more tender ones were completely ruined by the weight of their burden. The city park, the plaza and several of our fine estates, which it has taken a half century to beautify, will be disfigured for years to come. We have never seen its equal and everything will get a pruning this spring, whether it is needed or not.

A. Currie, Jr., representing Currie Bros. Co., of Milwaukee, is here making a successful effort to obtain some of the coast trade. H. J. M.

10000 FIELD-GROWN CARNATIONS

ONE-YEAR-OLD

	Per 100		Per 100
Hannah Hobart	$10.00	Flora Hill	$3.00
Red Lawson	5.00	G. Lord	3.00
Variegated Lawson	5.00	Mrs. Joost	3.00
Pink Lawson	3.00	Queen Louise	3.00
Wolcott	3.00	Harlowarden	3.00
		Estelle	5.00

ALSO ROOTED CUTTINGS. Write for list.

A. Mitting, 17 to 23 Kennan St. **Santa Cruz, Cal.**

Mention The Review when you write.

Choice Asparagus Plumosus Seed

will not be as plentiful as anticipated earlier in the season and we are compelled to revise our prices to meet the changed conditions. No orders can be accepted for over 100,000 from one firm. Prices for present delivery are as follows: 1000 seeds, $2 00; 6000 seeds, $10.00; 13,000 seeds, $20.00; 25,000 seeds, $35 00; 50,000 seeds, $65.00; 100,000 seeds, $110 00. **F. GILMAN TAYLOR SEED CO. (Inc.), Box 9, Glendale, Cal.**

Mention The Review when you write.

SHASTA DAISIES

ALASKA, CALIFORNIA, WESTRALIA

strong, field-grown divisions, true to name, $2 50 per 100. Express paid for cash with order.

The Leedham Bulb Co., Santa Cruz, Cal.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

We are now well into Lent and business is as well as we can expect. Funeral orders have provided the bulk of the receipts of the retailers for the last two weeks and trade in this line is good. The weather is warm again, with light showers every few days, and everything is conducive to an abundance of blooms.

The price of carnations has taken another drop, owing to their quantity, and the best fancy sorts do not net the growers more than $2.50 per hundred, while plainer sorts can be had at from $1 to $1.50 per hundred.

Roses have not shared this fate and good Brides, Beauties and Maids are yet in short supply and only medium quality. We have been expecting a slump in prices, but they will not be any cheaper until the supply is larger.

Bulbous stock is low in price. Paper Whites, although not as plentiful as they have been, can be purchased at $5 per thousand and single and double daffodils at only a short advance on these figures. Indoor bulb stock, such as valley and Romans, is only in fair demand and there is plenty to supply all comers. Romans have not been in great favor this season and only a few Dutch hyacinths have been offered for sale in the stores. A few good tulips are seen, but they are also of slow sale.

Various Notes.

Alex Mann, Jr., and Frank Shibeley will shortly reëstablish themselves on Sutter street, near Polk. This neighborhood will evidently be the coming floral center, as many of the leading firms are represented in the vicinity mentioned.

Mrs. Gooch, the well-known violet grower of Ocean View, has five acres planted in callas for the coming season. She finds the business of shipping the bulbs lucrative and will have many thousands for the fall trade.

The retailers in Oakland have been enjoying a big share of funeral work for the last two weeks. The death of the postmaster during the last few days added materially to the number of big orders.

R. L. Thompson, formerly of southern California, is in town on a few weeks' visit. Mr. Thompson has not been in this region for several years and the change is surprising from what we were once upon a time. The gigantic ruins of Frisco are a sight that appalls even the

SHASTA DAISY

Alaska, California and Westralia, extra strong field divisions, from divisions of Mr. Burbank's original stock, $2.50 per 100; $22.50 per 1000. Small plants, just right for 3-inch pots, $1.25 per 100; $11.00 per 1000.

Cyclamen Per. Giganteum, 2-in., $5 per 100.

Cineraria, Prize Strain, 4-inch, $4.00 per 100.

Shasta Daisy Seeds of Alaska, California and Westralia only, 50c per 1000; $3.50 per oz.

Petunia Giants of California, a good strain, 50c per 1000; $1.50 per ⅛ oz.; $10.00 per oz.

Champion Strain — After years of careful selection and hand fertilizing, using only the most perfect flower for that purpose, I have at last obtained a strain that cannot be surpassed by anyone. Trial pkt. of 250 seeds, 25c; 1000 seeds, 75c; ⅛ oz., $2.50; oz., $15.00. Cash please.

Hybrid Delphinium, Burbank's Strain, all shades of blue. This strain has been much improved the past year. 25c per 1000 seeds; $1.50 per oz.

Send for list of other seeds to

FRED GROHE, Santa Rosa, Cal.

Mention The Review when you write.

ROSES Field-Grown, Low-Budded, Two Years Old, Well Rooted.

Climbing Roses—Papa Gontier, $1.00 each. Mme. Caroline Testout, $18.00 per 100. Kaiserin Augusta Victoria, $12.00 per 100. Beauty of Europe, $10 00 per 100. Bridesmaid, $10.00 per 100.

American Beauty, $18.00 per 100.
Mme. Caroline Testout, $12.00 per 100.
Frau Karl Druschki, $20.00 per 100.

Send for Rose Price List.

F. LUDEMANN 3041 Baker St. San Francisco, Cal.

Mention The Review when you write.

ATTENTION, Western Florists!

Wholesale Growers of Carnations, Roses, Violets, Paper Whites, Callas, Plumosus, Sprengeri, Smilax, Adiantum, etc.

We Want to Hear From You.

RISING & DUNSCOMB CO., Inc.

205 N. Broadway, LOS ANGELES, CAL.

Mention The Review when you write.

FIELD-GROWN ROSES
OWN ROOTS.

BIG VALUE IN FOLLOWING. You need them all if you are in the business.

	Per 100
CLIMBING TESTOUT. New; grand acquisition; very strong climber; heavy stock	$12.00
CLIMBING CECIL BRUNNER. Very strong	7.00
CLIMBING WOOTTON. Strong stock	7.50
PINK COCHET. First grade, strong	7.50
" " Second grade, nice.	5.00
" " Third grade, big value.	3.50
WHITE COCHET. Second grade, nice.	5.00
" " Third grade, big value.	3.50

	Per 100
GRUSS AN TEPLITZ. First grade...	$ 7.50
" " Second grade, fine	5.00
" " Third grade, nice	3.50
" " AA grade.....	10.00
CLIO. First grade; fine stuff.....	7.00
ULRICH BRUNNER. First grade....	8.50
" " Second grade.	6.00
" " AA grade.....	10.00
CLARA WATSON. Second grade, nice.....	6.00

Lively is the word if you want to make sure of stock.

California Rose Company,
POMONA, CAL.

Our long experience in packing and shipping is of value to you.

residents when they take a good survey of them. G.

CHANCES ON THE COAST.

We have just moved to Oregon from Cuba and intend to start growing flowers and seeds commercially. I wish some grower on the coast would be kind enough to advise me what would be best to grow in this section. The ground is rich in potash and carnations of many varieties stand the winter in open ground without protection. C. H. B.

Without knowing what experience in growing either plants or seeds the inquirer may have had, it is rather hard to advise what might be the most profitable. The nursery and florists' businesses are at the present time on this coast very profitable enterprises and there is no reason why they should not remain so for some time to come. If it is the intention to erect greenhouses and grow flowers for either the Portland or Seattle markets, abundant output can be had for everything raised at good prices, as the supply has as yet not been equal to the demand and a great portion of the flowers sold at these towns is brought from San Francisco and vicinity; in fact, some of the largest growers ship almost exclusively to those places.

If, on the other hand, it is the intention to go into the regular nursery business the chances are equally as good for making money. It is well to specialize, however, to a certain extent and grow either roses, hardy ornamental trees or fruit trees.

The growing of vegetable and some flower seeds is yet in its infancy on this coast and, as the soil of Oregon is especially adapted for strong feeding vegetables, there is no risk providing the grower has sufficient pluck to stay with it until the returns begin to come in.

Sweet peas have been a well paying crop for several years and the demand for the most popular flowering sorts at present is much greater than the supply. They are of the easiest culture and I see no reason why C. H. B. could not devote a few acres to them at a good profit. The returns can be had without waiting several years, as is necessary in plant growing, or with such an expenditure of money as is necessary to erect greenhouses for the growth of cut flowers. G.

TWIN CITIES.

The Market.

The trade generally anticipated a drop in business during the Lenten season, but up to the present it is hardly noticeable. Bright weather has not only helped trade, but has put an entirely different aspect on the market.

Stock is plentiful and the quality is much better than what we have had at any time during the season. Killarney roses are at the climax of perfection; the color is good and the stems are strong. In consequence, the demand for good blooms of this variety has been excellent. All other varieties are fine and the price is maintained without any difficulty. Carnations are about equal to the demand.

Bulb stock has taken a decided brace, especially tulips. Violets have been in great demand, the supply of home-grown stock being quite limited.

Funeral work has been heavier than we have had it for some time, and expensive pieces have been turned out.

Minneapolis.

A visit to the plant of the Minneapolis Floral Co. found the Easter stock in good condition. Mr. Monson counts on having 10,000 lilies to offer, and from their appearance at the present time they are going to be of the best quality. Some of their azaleas are already in cool houses, but are not far enough advanced to count on any loss on them. In all they have about 1,800 fine hydrangeas. Spireas are grown to some extent, but not so much so as in previous seasons. They have some fine white lilacs in bloom which command a ready sale. They have a large number of carnation cuttings planted. Victory seems to be the favorite. Craig did not give them the satisfactory results expected.

Between table decorations and funeral orders Ralph Latham has had about all he could attend to. He contemplates enlarging his place considerably this summer.

The Whitted Floral Co. has turned over considerable stock of late, the demand for bulb stock and violets being unusually heavy.

St. Paul.

Aug F. Vogt is to be congratulated on the arrival of a fine baby boy.

E. F. Lemke continues to offer some of the finest violets ever on sale here. Business, he says, keeps up nicely.

Holm & Olson have added two large mahogany show cases which give their place a finished effect.

Robt. C. Seeger, of the Seeger Floral Co., has discontinued business and is now engaged in Chicago.

The plant of L. L. May & Co. gives every promise of an abundant Easter crop. Their lilies will all be in and other plants are looking fine. Their roses are all in crop. Enchantress carnations are also good. Trade in the retail department is heavy. Funeral work keeps them busy. FELIX.

COLUMBUS, OHIO.

J. R. Hellenthal has remodeled his store and put in a large mirror. Stock at the greenhouses is looking first-class. Roses are in heavy crop, with the last two weeks of sunshine the growers are making heavy cuts. Lilies are coming along nicely, just right for Easter; also a lot of hybrid roses and Baby Ramblers. Mr. Hellenthal has a sport of Enchantress, a cerise pink, well built flower, more fringed than Enchantress. The flower is three and one-half inches in diameter. His carnations are a grand sight and are in heavy crop. His grower may be credited with the faculty of knowing how to get the best results out of this class of stock. C. M. J.

CARNATIONS
30,000 Rooted Cuttings NOW READY.

	100	1000		100	1000
L. Bountiful	$2.50	$20.00	B. Market...	$1.50	$12.50
Enchantress	2.00	18.00	Lawson.....	1.50	12.50
Queen Louise			.....	1.00	9.00

BOSTON FERNS
from bench, ready for 4 and 5-inch pots, $10.00 and $15.00 per 100 respectively.

Asparagus.....
Sprengeri, 2½-in., extra large, $3.00 per 100; $25.00 per 1000. 3½-in., good value, $5.00 per 100.

Bell Phone—Lackland.

J. W. DUNFORD, CLAYTON, MO.

Always mention the Florists' Review when writing advertisers.

A Grand Fern Novelty
We are booking orders for

NEPHROLEPIS AMERPOHLII

which will be filled strictly in rotation with plants **OF OUR OWN GROWING** on and after October 15, next. To see it is to know it is the best Fern on earth. **STOCK LIMITED.**

WM. P. CRAIG
1305 Filbert Street, PHILADELPHIA

Nephrolepis WHITMANI
Young plants from bench.
$6.00 per 100.

DAVIS BROS., MORRISON, ILL.
Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., Orlando Harrison, Berlin, Md.; Vice-Pres., J. W. Hill, Des Moines, Ia.; Sec'y, Geo. C. Seager, Rochester; Treas. C. L. Yates, Rochester. The 32d annual convention will be held at Detroit, Mich., June, 1907.

Of the white lilacs, Frau Bertha Dammann is one of the best; a free bloomer, with medium-sized flowers borne in large panicles.

Prof. A. F. Burgess, Ohio state inspector of orchards and nurseries, has resigned and will go to Massachusetts, where he will have charge of the state experiments to kill the gypsy and brown-tailed moths.

President Orlando Harrison, of the American Association of Nurserymen, says it is high time the nurserymen were raising prices: "Turn your attention from seeing how cheaply you can produce stock to seeing how good stock you can produce."

PACIFIC COAST NURSERIES.

Riverside, Wash.—J. A. Fansler, of Pogue Prairie, and F. W. Hoffman, of Wenatchee, will establish a nursery on Evergreen ranch, Pogue Prairie, and another at Wenatchee. They will this year plant at each place about 50,000 apple root grafts and 4,000 cherry trees. A. T. Gossman and F. L. Kimball, representing the Columbia and Okanogan Nursery Co., have been in Riverside for several days, looking up a location for a nursery. Their company already has nurseries in Wenatchee and Chelan.

PRIVET CUTTINGS.

Privet, large or small, is good stock to have on hand, the demand for it is constantly increasing. Although it would have been better, perhaps, if the cuttings had been taken off the hedges, or the other stock plants, a month or two ago and buried, after being tied up in bundles in sand or soil until spring, still it is not yet too late to do the work if the young wood is all right, which can easily be discerned by observing if the bark is firm and green on the wood. If it is, it is in good condition. If the wood is winter-killed the bark will come off almost at a touch, and besides, it will have changed on the under side from green to a brownish black. When the wood is taken off for cuttings it can be cut up into the proper cutting lengths now or simply tied up in bundles as it is cut off the bushes, and the cuttings made just before putting them in the nursery rows in early spring. In whichever case, they ought, even now, to be buried, or at least covered and left so until spring weather sets in and nursery work gets under way. R. R.

PERENNIAL PLANTS.

Seeds of perennial plants are usually sown in the late summer or autumn in order that they may develop into such a state of maturity as to enable them to flower the year following. All these plants need wintering in coldframes, or at least most of them do. Seed of perennials sown now will not flower this year. I mean those that are commonly known as herbaceous plants. There are a few perennials that flower from seed sown within the year, but if seed perennials or herbaceous plants are sown in the spring much stronger plants can be had than from fall-sown seed, and that with less trouble with the plants in their small state. Whether spring or fall sowing is resorted to, the seedlings should be transplanted, when they are fit to handle, into flats and allowed to remain in these until they show signs of crowding and have made good roots. When they have reached that stage it will pay to pot them up. When the young plants are outdoors they should have the protection of an uncovered frame, or simply a 12-inch board back and front and at the ends of each batch. This will protect them from winds and prevent their drying too quickly. Plants grown in pots are nowadays appreciated by customers and, besides, growers find it the most expeditious method. R. R.

PROPAGATION OF CONIFERAE.

Will you kindly tell me when to propagate arbor-vitæ, blue spruce and other shrubbery? O. H. C.

Thuya occidentalis, the common American arbor-vitæ, propagates readily from seeds sown either outdoors or in a greenhouse in April. If outdoors, keep the soil moist. A light mulching of short, strawy litter may be spread over the ground to hold the moisture, removing it as the seedlings appear. There are many named varieties of T. occidentalis, which are usually grafted on seedlings of the common type in spring or early summer under glass. They also may be increased by cuttings taken in late summer and placed in a frame or cold greenhouse. They will be calloused before spring, and if then given some bottom heat will soon make roots. Thuya gigantea may be increased by either cuttings or grafting. In selecting cuttings those rubbed off with a heel are to be preferred. The soil should be of a sandy nature.

The various retinisporas, such as plumosa, plumosa aurea, pisifera, ericoides, obtusa, etc., propagate readily from young, side-shoot cuttings in the same way as the thuyas. Seed may also be used, but cuttings preserve the type best. August is a good month to propagate them in coldframes. Seed is probably best sown under glass in early spring, gradually hardened off and then transplanted to the open ground.

The various pines are raised from seed sown in coldframes early in spring in

AMERICAN BEAUTY ROSES A Fine Lot

Two years, field-grown, budded on Manetti; all of our own growing; strong, sturdy, well ripened, hard-wooded, American-grown stock.

Price.....$15.00 per 100; write for prices on large lots

Send for our Spring Price List, now ready; largest stock and completest assortment of Roses in the country; leading kinds, either budded or on own roots. List showing varieties, quantities available, and prices sent on request to those in the trade.

JACKSON & PERKINS CO. Nurserymen and Florists Wholesale only Newark, New York

Mention The Review when you write.

Woodlane Nurseries

Established 1837

CALIFORNIA PRIVET

3 years old, 3 to 4 feet.....$30.00 per 1000
3 and 4 years old, 4 feet and up.... 35.00 per 1000
Transplanted and cut to the ground last spring.

NORWAY SPRUCE

Specimens, 3½ to 4 feet.....$50.00 per 100
Specimens, 4 to 5 feet..... 60.00 per 100
American Arbor-Vitae, 4 to 5 ft. 25.00 per 100
Large Trees of Oaks, Maples and Oriental Plane.

Willard H. Rogers, Mt. Holly, N. J.

Mention The Review when you write.

75,000 Azalea Amoena, From 5c to $3.00 each.

PRIVET	Per 1000
2½ to 3-ft., 3-yr., transplanted	$25.00
3 to 4-ft.	30 00
3 to 4-ft., XX heavy	35 00
4 to 5-ft.	40 00
5 to 6-ft.	50.00
5 to 6-ft., XX heavy	90.00

See wholesale list of other stock.

ELIZABETH NURSERY CO., Elizabeth, N. J.

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TREE SEEDLINGS, Etc.

50,000 Sugar Maple Seedlings, 6-12 in., $6.00 per 1000.
20,000 Sugar Maple Seedlings, 2 3-ft., $3.00 per 100; $25.00 per 1000.
5,000 Tulip Poplar, 4-6-ft., $6.00 per 100; $50.00 per 1000.
5,000 Catalpa Speciosa, 4 5 ft., $3.00 per 100; $25.00 per 1000.
2,000 Sweet Gum, 6-8-ft., $10.00 per 100; $90.00 per 1000.
5,000 Ilex Opaco, (American Holly), 3-4-in., $4.00 per 100; $25.00 per 1000.
10,000 Novae-Angliae Aster, strong, $3.00 per per 100; $25.00 per 1000.
Early shipment. Send for our Special Surplus List of Bargains.

ELLSWORTH BROWN & CO., Seabrook, N. H.

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Rose Plants

on own roots. NOW READY.

Get our list before buying.

C. M. NIUFFER, Springfield, Ohio

Mention The Review when you write.

TREES and SHRUBS

Immense quantities, low prices.
Price list on application.

PEONIES A SPECIALTY.

PETERSON NURSERY
108 LA SALLE ST. CHICAGO

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LARGE TREES

OAKS and MAPLES. PINES and HEMLOCKS.

ANDORRA NURSERIES,
Wm. Warner Harper, Prop.
Chestnut Hill, Philadelphia, Pa.

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EVERGREEN

An Immense Stock of both large and small size EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM H. MOON CO., MORRISVILLE, PA.

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Forcing Plants

Azaleas
Rhododendrons
Lilac Rubra de Marley
Deutzia Gracilis
Crimson Rambler
Magna Charta Rose
General Jacq. Rose

Pyramidal Box Trees, 4-5 feet. Barberry Thunbergii

Nursery Stock Supplied to Florists

Trees, Shrubs, Roses, Clematis, Evergreens

Send for our wholesale trade list.

W. & T. Smith Co., Geneva, N.Y.

Mention The Review when you write.

BERBERIS THUNBERGII

12-18-inch.....$6.00 per 100; $50.00 per 1000
18-24-inch..... 8.00 per 100; 70.00 per 1000

CAROLINA POPLARS

8-10 feet.....$10.00 per 100; $80.00 per 1000
10-12 feet..... 12.50 per 100; 100.00 per 1000

Large stock and fine stuff. Sure to please.
Send for price list of general stock.

Aurora Nursery Co., Aurora, Ill.

Mention The Review when you write.

American White Elm

Extra fine nursery-grown, by car-load lots.

5000 2 to 2½ inches diameter.....$80.00 per 100
2000 2½ to 3 inches diameter.....100.00 per 100
3000 3 to 3½ inches diameter.....150.00 per 100
500 3½ to 4 inches diameter.....175.00 per 100

CHAS. HAWKINSON NURSERY
EXCELSIOR, MINN.

Mention The Review when you write.

PEONIES

Fine collection, all colors named, $1.50 per doz.; $10.00 per 100.
Clematis, large flowering, $2.50 per doz.
Clematis Paniculata, $1.00 per doz.; $8.00 per 100.
Smilax, fall-sown, nice plants, $3.00 per 1000,
Pansies, transplanted from fall, fine plants, leading strains, $1.25 per 100; $10 00 per 1000.

F. A. BALLER, Bloomington, Ill.

Mention The Review when you write.

light mold and covered thinly. The young seedlings need protecting by lath shades or screens during the hot, dry weather and should be kept moist but not wet. Pinus Strobus, if soaked in warm water for twenty-four hours before sowing, will germinate much quicker and more readily.

The piceas, of which the blue spruce is a representative, are chiefly increased by seed sowing. The seed, if kept cool during winter, can be sown early in spring in beds outdoors or in coldframes. Seedlings will need the lath screen protection afforded other coniferæ. The rarer sorts, like P. pungens, are usually propagated by grafting on Picea alba or excelsa, also by layering. The stocks are potted up and kept close and moist until established, usually in late summer. They are then gradually hardened. The grafting is done in the greenhouse from January to March. Veneer grafting is best where stock and scion are of equal size, but side grafting may also be done with success. Wax the grafts over thoroughly, place in a close frame and syringe freely until well started. Gradually harden off. Picea pungens seedlings are less desirable than grafted plants, as they lack the beautiful blue color and are more weedy in habit.

The various abies, of which A. pectinata, silver fir; A. balsamea, balsam fir; A. Nordmanniana, A. concolor, white fir; A. Pinsapo, Spanish fir; and A. Fraseri are well-known varieties, can be propagated by either seed sowing or grafting. The latter process is more easy than in the case of Picea pungens. In the case of juniperus, seeds do not germinate until the second or third year. Grafting and root cuttings are all used as methods of increasing stock. Cuttings should be of wood nearly mature, in a frame or greenhouse. Layering may also be resorted to. C.

20,000 LARGE

CALIFORNIA PRIVET

5 to 6 feet, $6.00 per 100; $50.00 per 1000.
6 to 7 feet, 9.00 per 100; 75.00 per 1000.

It is bright and handsome. I offer it at these low prices because it is upon land that must be cleared at once. Speak quickly.

J. T. LOVETT, LITTLE SILVER, N. J.

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ROSES
STRONG DORMANT PLANTS

American Beauty, Clothilde Soupert, Gloire de Dijon, Kaiserin Augusta Victoria, La France, Mme. Caroline Testout, Frau Karl Druschki, Crimson Rambler, Baby Rambler, Dorothy Perkins, etc., SUITABLE FOR FORCING.

Immediate Delivery. Prices Right. General Catalog and Price Lists ready.

Bay State Nurseries, North Abington, Mass.

Mention The Review when you write.

47,960 Low Budded Roses in 26 Varieties

I offer for February delivery from my cellars here, the entire Surplus Roses grown by the Heikes-Biloxi Nurseries. No. 1, $95 00 per 1000; No. 1½, $65.00 per 1000.

Privet Cuttings, $1.25 per 1000; 10,000 for $10.00. Correspondence solicited.

HIRAM T. JONES, Union County Nurseries, ELIZABETH, N. J.

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LARGE STOCK OF

Peonies, M. L. Rhubarb, Lucretia Dewberry

—For prices write—

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

ROSES On Own Roots 2 years.

Crimson Ramblers, extra strong, at $7.00 per 100.
Dorothy Perkins, Pink, White and Yellow Ramblers, etc., at $5.00 per 100.
H. P. Roses and Baby Ramblers, at $8.00 per 100

GILBERT COSTICH, ROCHESTER, N. Y

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2-year-old ROSES 4-inch pots

P. & W. Cochets and Crimson Rambler, 7c; La France, Meteor, Hermosa and Soupert, 8c; Diesbach, Dinsmore, Charta and Laing, 9c; Gen. Jacqueminot and Paul Neyron, 10c; Marechal Niel, 15c; Baby Rambler, 18c.

101 choice sorts in 2½-in. pots.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention The Review when you write.

SHRUBS FOR A SUCCESSION.

The importance of obtaining a succession of bloom in a shrubbery planting scheme has been pointed out by the National Council of Horticulture. In selecting the varieties to produce this there is room for a large variance of choice; tastes will vary; the climate, soil and the care given the plants should be considered. But the following list of twelve shrubs will be found to give good results with little care:

Forsythia, or golden bell; Cydonia Japonica, or Japan quince; Viburnum Opulis steralis, or snowball; Spiræa Van Houttei, or white spiræa; Lonicera x Tatarica, or upright honeysuckle; Weigela rosea, or rose-colored weigela;

philadelphus, or mock orange; syringa, or lilac; Spiræa callosa, or pink spiræa; Spiræa Anthony Waterer, or dwarf spiræa; Hibiscus Syriacus, or althæa; Hydrangea paniculata grandiflora, or common hydrangea.

Other shrubs which are worthy of planting in the springtime are Hercules' club, botanically known as Aralia spinosa; the purple and the green-leaved barberry; several varieties of the dogwood and the flowering locust.

Next to trees and shrubbery in the consideration of a planting scheme come perennials. When once planted these need little care from year to year. The anemone, foxglove, hollyhocks, asters, poppies, peonies, chrysanthemums, phlox, coreopsis, larkspur, Golden Glow, and others that have been handed down from our grandfathers' time, but have been much improved in the descent, will be found worthy of trial.

GREENHOUSE A NECESSITY.

It makes no difference how small a nursery a man may have, he will need a greenhouse. There is no doubt about that, and he who is without one had better erect one as soon as possible. After he has it he will wonder how in the world he ever got along without one.

Seeds of trees and shrubs, as well as of perennials, germinate when sown or planted outdoors, in frames or otherwise; we know that. We also know, however, that they cannot be controlled when disposed of in that way with the same output of labor and exertion as they can when greenhouse space is available, with its attendant equipment for regulation of temperature and atmosphere. And besides all this, there are many things in the line of cuttings next to impossible to root outdoors, unless, perhaps, with the aid of a hotbed. Whereas, with a greenhouse where bottom heat, however slight, is available, no difficulty presents itself in rooting the same thing. R. R.

TOLEDO, OHIO.

One of the new enterprises of Toledo is the Perennial Gardens Co., which erected last fall several fine new greenhouses on its property on Broadway in Miami. The grounds embrace five acres and are located on the Maumee valley belt. Last year the attention of many people on their way to Maumee was attracted by the bright field of hardy perennials, which were planted so that they might be seen by all passing. This year a much larger number of varieties will please the eye of all who happen to take a trolley ride on the river belt line. The company will grow flowering and ornamental shrubs, hardy perennial plants, pot plants and fruit and shade trees. This is Toledo's first nursery.

The grounds were thoroughly tiled last fall and six greenhouses 18x125 feet and a work shed 30x100 feet were erected. The company was organized eleven months ago and some well known Toledoans are interested in the concern. The president of the company is Chas. J. S. Phillips; F. H. Wolfman, vice-president; T. J. Ziems, secretary; F. Grafe, treasurer, and J. L. Schiller, manager.

Collegeville, Pa.—A part of the roof of the greenhouse of F. C. Prizer was crushed by the weight of the recent heavy snow.

20,000 PEONIES

FOR EARLY SPRING PLANTING

This list comprises a great many choice and rare varieties, some of which have never before been offered to the trade in quantities. The stock is now in our storage sheds and can be shipped as soon as the weather will permit. Nothing but selected three to six eye divisions will be sent out.

Quan.	Variety	Color	Price, per 100
1000	Achillea	Blush white	$ 8.00
500	Alice de Julvecourt	Salmon pink	12.00
200	Beaute Francaise	Flesh pink spotted carmine	15.00
200	Beranger	Mauve pink with bright center	30.00
200	Charlemagne	Creamy white, center, lilac flesh	25.00
500	Charles Verdier	Carmine	8.00
200	Czarina	Deep rose pink	30.00
500	Duke of Wellington	Sulphur white	20.00
500	Festiva	White	20.00
1000	Festiva Maxima	White	30.00
200	Golden Harvest	Tri color	25.00
1000	Humei Carnea	Cherry pink	8.00
100	Jeanne d'Arc	Sulphur white, pink center	30.00
500	Jenny Lind	Bright pink, silvery reflex	25.00
500	Lady Bramwell	Silvery pink	12.00
50	La Rosiere	Straw yellow	30.00
100	Louis Van Houtte	Violaceous red	20.00
500	Mme. Breon	Flesh, center creamy white	10.00
250	Mme. Coste	Rose	20.00
50	Mme. Rosa Rendatler	Glossy pink, lilac reflex	30.00
250	Mme. Paillet	Violaceous pink, shaded lilac	10.00
1000	Mount Blanc	Lemon yellow	20.00
250	Ne Plus Ultra	Bright rose	12.00
250	Paganini	Rose, center white and yellow	15.00
5000	Off. Rubra	Deep crimson	8.00
500	Queen Victoria	White	8.00
250	Triomphe du Nord	Violaceous pink	12.00
1000	Double Pinks		7.00
500	Double Whites		10.00
250	Double Crimsons		8.00
500	Double Mixed		6.00
200	Bell Douaisienne	Flesh, fading to white	20.00

COTTAGE GARDENS CO., Queens, N. Y.

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Your Plans For 1907

should include telephone service at your home as well as at your place of business.

It isn't only "just as easy" to do things by telephone, it is

EASIER CHEAPER and QUICKER

NEW YORK TELEPHONE COMPANY
15 DEY STREET

Manetti

STOCKS, now ready, $8.50 per 1000.

ELIZABETH NURSERY CO.
Elizabeth, N. J.

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THE REGAN PRINTING HOUSE
Large Runs of
Catalogues
OUR Specialty
Get our figures
83-91 Plymouth Place, CHICAGO

Mention The Review when you write.

Bridgeport, Conn.—James Horan & Son had a nice stock of cherry trees which sold well for dinner-table centerpieces for Washington's birthday.

Seguin, Tex.—H. L. Neal recently caught his head in a loop of wire that was suspended from the roof of his greenhouse. The shock threw him violently, wrenching the tendons in his left shoulder and dislocating the collar bone. He says he will never do jury duty in a capital case, for he wouldn't agree to break the neck of a dog after this experience.

SOME SPECIALS NOW READY

New Chrysanthemums **Miss Clay Frick**

(The white sport of W. Duckham), **WINTER CHEER and BUTTERCUP,** 2½-inch pots, 50c each; $35.00 per 100.

American Beauty

7000 plants in 2½-inch pots, in superb condition, ready to move on. Every plant unconditionally guaranteed by me. Price, $8.00 per 100; $75.00 per 1000. Samples sent anywhere.

New Carnations

Winsor, the bread and butter Carnation for all of you to grow. **Helen Miller Gould, Haines' Imperial and Pink Imperial,** all at $12.00 per 100; $100.00 per 1000. 2½-inch pots, $14.00 per 100. A splendid lot of **White Perfection** in 2½-inch pots, $10.00 per 100.

CHARLES H. TOTTY, Madison, N. J.

Mention The Review when you write.

John E. Haines

The leading scarlet, brilliant color, fine stem; the most productive ever introduced; blooms early until thrown out in July; no extra grass; all shoots make flowers. Watch the papers and see what growers say about it. None but well rooted, healthy cuttings leave the place. Rooted cuttings ready now. Price, $6.00 per 100; $50.00 per 1000. **John E. Haines, Bethlehem, Pa**

Mention The Review when you write.

ROOTED CUTTINGS

Roses	100	1000	Carnations	100	1000
Brides	$1.50	$12.50	Lawson	$1.50	$10.00
Maids	1.50	12.50	Enchantress	2.00	15.00
Richmond	1.50	12.50	W. Lawson	2.50	20.00
Kaiserin	2.50	20.00	L. Bountiful	2.50	20.00
			Harlowarden	1.50	12.50

Frank Garland, Des Plaines, Ill.

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HEALTHY, ROOTED CARNATION CUTTINGS

Enchantress	per 100,	$2.50;	per 1000,	$20.00
Mrs Lawson	"	1.25	"	10.00
White Lawson	"	2.50	"	20.00
White Cloud	"	1 25	"	10.00
Robt. Craig	"	6 00		
Candace	"	5 00		

Cash with order or Chicago reference.

JOHN MUNO, Touhy near Western Ave., Rogers Park, CHICAGO.

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Abundance..

Rooted cuttings of this most prolific white carnation ready for delivery now. Prices, $5.00 per 100; $40.00 per 1000. 250 at 1000 rate. 5 per cent discount for cash with order.

RUDOLPH FISCHER

GREAT NECK, LONG ISLAND, N. Y.

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Always Mention the....

Florists' Review

When Writing Advertisers.

Grafted ROSES

Our Roses are the finest and best grown. Liberty, Richmond, La France, Killarney, rose pots, $15.00 per 100. 3½-in. pots, $18.00 per 100. Bride, Bridesmaid, Golden Gate, Kaiserin, rose pots, $10.00 per 100. 3½-in. pots $15.00 per 100.

J. L. DILLON, .. Bloomsburg, Pa.

Mention The Review when you write.

CARNATIONS—Rooted Cuttings

RED CHIEF. The best Christmas scarlet for color and productiveness, $12.00 per 100; $100.00 per 1000.

BONNIE MAID. Edged white, shaded to a pink center. Fine. $12.00 per 100; $100.00 per 1000.

ARISTOCRAT. Beautiful cerise pink, $12.00 per 100; $100.00 per 1000.

ROSE-PINK ENCHANTRESS. Darker than Enchantress, $7.00 per 100; $60.00 per 1000.

WHITE PERFECTION. Pure white, $6.00 per 100; $50.00 per 1000.

Place Your Order Now

F. DORNER & SONS CO., LaFayette, Ind.

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Florists' Review

When Writing Advertisers

Imperial and Pink Imperial Carnations

You Cannot Afford to be Without These Two Excellent Varieties

Price, $12.00 per 100; $100.00 per 1000. 250 at 1000 rate. A discount allowed when cash accompanies the order.

A. J. GUTTMAN, The Wholesale Florist of NEW YORK 43 WEST 28TH ST. **JOHN E. HAINES,** BETHLEHEM, PA.

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The Best Commercial White Mum

White Maud Dean

Grown by THE WILLIAM SCOTT CO., Buffalo, N.Y.
Strong, well rooted cuttings, ready March 1, $10.00 per 100. Offered by

S. S. Skidelsky, 824 N. 24th St., Philadelphia, Pa., and Wm. F. Kasting, Buffalo, N. Y.

Mention The Review when you write.

WAYSIDE NOTES.

Mark Aitken, of Springfield, Mass., has given up growing bedding plants, finding it more profitable to use all available space for flowering stock, of which he has an increasing demand.

J. Schlatter & Son, of Springfield, are stocked up for a big cemetery demand.

Frank Burfitt has the finest lilies to be seen in the vicinity of Springfield. He says there is something in the growing and not all in the bulb.

I understand that A. N. Pierson, at Cromwell, Conn., intends throwing out his entire stock of old roses and has 125,000 fine, thrifty, young plants coming on to take their place. He has an immense stock in sight for Easter.

H. W. Field, of Northampton, Mass., has his store finely fitted up, with a capital show window that sets it off to advantage. Those grand Enchantress and the white seedling from Patten, which Grower Harry Sinclair believes is the best of its class, are also attractions.

John Clark, the right bower of the H. E. Fiske Co., of Somerville, Mass., was badly shaken up in the railroad accident which occurred here recently and could hardly believe he was as sound as before until his palm was crossed by the claim agent. Being in the midst of a rush it was fortunate that it was no worse, as seedsmen are valuable.

The Salisbury estate, at Worcester, Mass., will be given over to the Arts and Crafts Institute, which will continue the greenhouses with Charles Carlson in charge. This is his thirty-second year as superintendent. W. M.

ELBERON, N. J.

The Elberon Horticultural Society held its regular meeting February 18, President Robertson in the chair and a goodly number present. James Kennedy, superintendent for G. W. Young, read an interesting and instructive paper on "Outdoor Roses." An interesting discussion followed.

Seldom has there been such a large exhibit of cut flowers as at this meeting. The exhibitors and their principal exhibits were: Vase of Freesia Purity, by P. Murray; gardenias, by W. D. Robertson; Stock Beauty of Nice and a vase of Carnation Victory, by A. Bauer; vase of calla lilies, by H. Wood; bouquet of Princess of Wales violets, by A. Greil; vase of tulips, by J. Kennedy; bouquet of California violets, by F. Dettlinger; vase of carnations, by E. Petzel; collection of cut flowers, by W. Swain, and a vase of seedling carnations, by W. Kennedy, of Redbanks. G. M.

GEISTOWN, PA.—Samuel H. Zimmerman has gone out of business.

Announcement—Aristocrat

As we have not made all the deliveries of Aristocrat as promised, we beg to announce to our patrons that all orders are being filled strictly in rotation and all orders will be completed by the 20th of March, as we have 50,000 cuttings in the sand nearly rooted and 150,000 cuttings that have been put in during the past ten days. These will be ready for delivery before the end of March, which is not too late for Aristocrat, as it is a very rapid grower, free from disease and will do as well as earlier cuttings when benched in the fall. The variety is an easy rooter, but owing to the very unfavorable weather, cuttings did not root as quickly as we expected; besides we are growing them cool, which takes a little longer. All of the stock we have sent out has given the best of satisfaction, as it is our aim to see that every cutting is first-class in every respect.

We wish to thank our patrons for their patience and assuring you of our very best attention and that your order will be filled by the time stated.

CHICAGO CARNATION CO.
A. T. Pyfer, Mgr. JOLIET, ILL.

Mention The Review when you write.

Place Orders Early for

Easter Plants

Lilies, 3, 4, 5 and 6 buds..... 12½c per bud
Azaleas.....$1.00, $1.25, $1.50
Spiraeas.....35c, 50c, 60c and 75c
Hyacinths.....4-in., $1.50; 5-in., $2.00 per doz.
Paper Whites, Daffodils. Single and Double **Tulips,** etc., 5-in. pans, 25c each; 6-in., 40c each.
Chinese Primroses—Obconica and **Baby,** 3-in., 8c; 4-in., 12½c.
Cyclamen, 3-in.....8c
Geraniums.....$1.50 and $2.00 per doz.
Flowering Rex Begonias, 4-in., $12.50; 5-in., 25c.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	100	1000		100	1000
Enchantress	$2.00	$18.00	Patten, var.	$2.00	$15.00
Moonlight	2.00	15.00	L. Bountiful	2.50	20.00
P. Lawson	1.50	12.50	Skyrocket	3.00	25.00
B. Market	1.50	12.50	Robert Craig	6.00	50.00
Cardinal	3.00	25.00	Prosperity	2.00	15.00

WM. WINTER, Kirkwood, Mo.

Carnation Cuttings

	Per 100	Per 1000
Rose-Pink Enchantress	$7.00	$60.00
Helen Goddard	6.00	50.00
Robert Craig	6.00	50.00
Queen Louise	1.25	10.00

W. B. GIRVIN, Leola, Pa.

Mention The Review when you write.

GRAFTED ROSES

On Dickson's Irish Manetti.
We are now booking orders for March delivery.

Kaiserin, Bride, Bridesmaid, Killarney and Richmond,
$120.00 per 1000,
—Order now.—

ROBERT SCOTT & SON,
SHARON HILL, DEL. CO., PA.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Good, clean, healthy stock, free from all disease. Enchantress, Robert Craig, Nelson Fisher, M. A. Patten, White and Pink Lawson. Orders taken now for March delivery.
Send for price list.

VALLEY VIEW GREENHOUSES,
VELIE BROS., Proprs. **Marlborough, N. Y.**

Mention The Review when you write.

Rooted Cuttings

Enchantress	per 100,	$2.50
Lawson	"	2.00
The Queen	"	2.00
Wolcott	"	2.00
Queen Louise	"	1.00

B. E. Wadsworth, Box 224, DANVILLE, ILL.

Mention The Review when you write.

CARNATION

HELEN GODDARD

Rooted cuttin
$6.00 per 100; $50.00 per 1000.

S. J. GODDARD, FRAMINGHAM, MASS.

Mention The Review when you write.

CARNATIONS

Well Rooted Cuttings
Healthy Stock

PINK	Per 100	Per 1000
Lawson	$1.50	$10.00
Nelson	1.50	10.00
Nelson Fisher	2.50	22.50
LIGHT PINK—Enchantress	2.50	22.50
VARIEGATED		
Mrs. M. A. Patten	2.50	22.50
WHITE—Boston Market	1.25	10.00
White Lawson	3.00	25.00
RED—Robert Craig	6.00	50.00
Cardinal	2.50	20.00
Estelle	2.00	17.50

ROSES

Strong and Well Rooted Cuttings

	Per 100	Per 1000
Richmond	$1.50	$12.50
Liberty	2.00	17.50
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Sunrise	3.00	25.00
Uncle John	1.50	12.50
Chatenay	1.50	12.50
Ivory	1.50	12.50
Perle	2.00	17.50

ROSES

FINE PLANTS
2½-in. Pots

	Per 100	Per 1000
Richmond	$3.00	$25.00
Bridesmaids	3.00	25.00
Uncle John	3.00	25.00
Chatenay	3.00	25.00
Ivory	3.00	25.00
Liberty	4.00	35.00
Perle	4.00	35.00
Sunrise	5.00	40.00

KILLARNEY

2½-inch pots, grafted stock, $10.00 per 100.

Bench Plants

ONE-YEAR-OLD PLANTS FROM BENCHES

Liberty, Ivory, Perle.....$5.00 per 100 $40.00 per 1000
American Beauty.....10.00 per 100; 75.00 per 1000

PETER REINBERG

1,500,000 Feet of Glass

51 Wabash Ave., CHICAGO

Mention The Review when you write.

Clean, Healthy, Well Rooted

Carnation Cuttings

READY NOW

	Per 100	Per 1000
Victory	$6 00	$50.00
Enchantress	2.00	18.00
White Lawson	3 00	25.00
Lady Bountiful	3.00	25 00
Mrs. E. A. Nelson	2.00	15.00
Mrs. T. W. Lawson	1.50	12 50
Boston Market	1.50	12.50

VAUGHAN & SPERRY

58-60 Wabash Ave. CHICAGO

Mention The Review when you write.

To My Friends and Patrons

BE PATIENT

I will fill your orders for

Rose-Pink Enchantress

in good time and with first-class stock. For the present and until further notice I have discontinued booking additional orders for Rose-Pink Enchantress.

S. S. SKIDELSKY

824 No. 24th St., PHILADELPHIA, PA.

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Always Mention the

FLORISTS' REVIEW

When Writing Advertisers

Rooted Cuttings

CARNATIONS

Clean, Healthy Stock

	Per 100	Per 1000
Enchantress	$2.50	$22.50
Lawson	1.50	10.00
Nelson	1.50	10.00
Crusader	1.50	12.50
Boston Market	1.50	10.00
Robert Craig	6.00	50.00
Lady Bountiful	3.00	25.00

ROSES

American Beauty	3.00	25.00
Richmond	1.50	12.50
Maid	1.50	12.50
Bride	1.50	12.50
Chatenay	1.50	12.50

BENCH PLANTS

One-year-old for immediate delivery.

	Per 100	Per 1000
Liberty	$5.00	$40.00
Uncle John	5.00	40.00
American Beauty	10.00	75.00

GEORGE REINBERG

Wholesale Florist

35 Randolph St., Chicago

Mention The Review when you write.

ROOTED

Carnation Cuttings

	Per 100	Per 1000
Mrs. T. Lawson	$1.50	$10.00
Lady Bountiful	2.50	17.50
White Lawson	2.50	20.00
White Perfection	5.00	45.00
Victory	5 00	45.00
Robt. Craig	5.00	45.00
Helen Goddard	5.00	45.00
President	2.50	20.00
Morning Glory	1 50	12.50
Lieut. Peary	2.50	20.00
Enchantress	2.00	18.0

Eli Cross, Grand Rapids, Mich.

Mention The Review when you write.

MABELLE

NEW PINK CARNATION FOR 1907

Color—A peculiar shade of lovely pink, with a faint yellowish cast; several shades lighter than the Lawson. Unlike most pinks, the brightest sun does not injure the color. **Size**—3 to 4 inches in diameter when established. **Odor**—Pleasing, but not strong. **Stems**—Invariably strong, but always graceful, ranging from 12 to 30 inches during the season. **Habit, etc.**—A very quick, active grower, making specimen plants in a short time, even from late cuttings. On account of its rapid growth, requires supporting very soon after benching. Gets away rapidly, blooms early and gives long stems right from the start. **Productiveness**—Prodigious is the best word we know of to use here. It is the most incessant bloomer, early and late, we have ever grown. Stock limited. No discount. Price $12.00 per 100; $100.00 per 1000.

THE H. WEBER & SONS CO., Oakland, Md.

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FLORISTS' REVIEW

When Writing Advertisers

ROOTED CUTTINGS OF ROSES

Richmond	per 100, $1.50	per 1000, $12.50		Carnot	per 100, $2.50	per 1000, $20.00	
Kaiserin	" 2.50	" 20.00		Bride	" 1.50	" 12.50	
Perle	" 2.50	" 20.00		Bridesmaid	" 1.50	" 12.50	
MacArthur	" 2.50	" 20.00		Chatenay	" 1.50	" 12.50	

ROOTED CUTTINGS OF CARNATIONS

Enchantress	per 100, $2.50	per 1000, $25.00		Gov. Wolcott	per 100, $1.50	per 1000, $15.00	
Lady Bountiful	" 2.50	" 25.00		Prosperity	" 2.00	" 15.00	
Lawson	" 1.50	" 15.00		Harlowarden	" 2.00	" 15.00	

OUR CUTTINGS ARE ALL STRONG, HEALTHY AND WELL ROOTED.
We sell 500 at 1000 rate. All Cuttings Shipped from HINSDALE, ILLINOIS.

Bassett & Washburn Store and Office, 76 Wabash Ave., Chicago
GREENHOUSES, HINSDALE, ILL.

Mention The Review when you write.

PITTSBURG.

The Market.

We are now well into the Lenten season and trade has dropped off badly. However, the first two weeks are always the worst and in a few days we will probably forget all about Lent.

The weather has been cold, with a few snow storms, but there has been sunshine most of the last two weeks and as a result stock is coming in quite plentifully. Daffodils and Trumpet Major narcissi, which were so much in demand, will not now tempt buyers at $1 per hundred. Sweet peas and violets are almost as bad, bright weather bringing in great quantities of them, and prices have dropped; job lots are to be had at any time. Carnations are plentiful for the first time this winter. Roses still hold their own and are the only things which continue to bring good prices, but the stock is fine what there is of it.

The retail shops are complaining about things being dull, but that is caused by the change from working day and night to doing an ordinary day's business. They are taking advantage of the cheaper flowers and the windows are beautiful.

Various Notes.

Miss E. B. Maxwell, of Wilkinsburg, had a bad scare February 23. The building next her store was burned out and it was expected her store would go with it. Miss Emma, however, held the fort with her ledger under one arm and the cash-box under the other, but fortunately she escaped much damage.

Ed McCollum, of the Pittsburg Florists' Exchange, has been unfortunate of late, falling several weeks ago and disabling one arm, and last week was laid up with the grip.

Mrs. W. L. Trumpore, wife of W. L. Trumpore, of J. H. Small & Sons, New York, has been here attending the funeral of her mother, who was buried Sunday, February 24.

The Pittsburg Cut Flower Co. is receiving some fine Maids, Brides and Richmonds from Bakerstown.

A. M. Murdoch, who has been away from his place of business for the last five weeks on account of illness, is again at his post. Hoo-Hoo.

Bloomington, Ill.—A fire at 3 a. m. February 22 destroyed the greenhouse of James Adams, on South Linden street. Some of the plants were saved. The loss is about $1,000.

FINEST OF YOUNG STOCK

Selected from the strong, healthy, young plants we shall use in replanting our own houses; propagated from prize-winning stock. All plants guaranteed.

ROSES

The new Rose "Morton Grove" winner of the Silver Cup at Chicago Flower Show 1906 for best new rose, will be disseminated in 1908.

	R. C. per 1000	2½-in. per 100	2½-in. per 1000	3½-in. per 1000
Maid	$18.00	$4 50	$40.00	$55.00
Bride	18.00	4 50	40.00	55.00
Gate	18.00	4.50	40.00	55.00
Uncle John	18.00	4 50	40.00	55.00
Chatenay	18 00	4.50	40.00	55.00
Richmond	20.00	4 50	40.00	55.00
Rosalind Orr English	20.00	5.00	45.00	60.00
Kaiserin Augusta Victoria	4.50		40.00	55.00

We are now rooting all the commercial varieties of Chrysanthemums. Ask for price list.

CARNATIONS

	Rooted Cuttings per 100	per 1000	2½-in. per 100
White Lawson	$3.00	$25.00	$4.00
L. Perry	3.00	25.00	4.00
Gov. Wolcott	2.50	20.00	3.50
Pink Lawson	2.00	17.50	3.00
Enchantress	3.00	25.00	4.00
Victory	6.00	50.00	7.00
Cardinal	3.00	25.00	5 00
Red Lawson	4.00	35.00	5.00
Prosperity	2.50	20.00	3.50
Patten	2 00		
Variegated Lawson	4.00	35.00	5.00
Glendale	5.00		6.00
Craig	4 00	30.00	6.00
Harlowarden	2.00	15 00	
White Perfection	6.00	50.00	7.50
Lady Bountiful	3 50	30.00	
Boston Market	2.00	15.00	

Cash or C. O. D. on Orders From Unknown Parties.

POEHLMANN BROS. CO.

1,000,000 FEET OF GLASS

Send Cut Flower Orders to
35 Randolph St., CHICAGO.

Send Plant Orders to Greenhouses,
Morton Grove, Ill.

Mention The Review when you write.

First-class CARNATION CUTTINGS that will give satisfaction

	Per 1000		Per 1000
B. Craig	$50.00	Mrs. Patten	$15.00
Cardinal	25.00	Mrs. Lawson	15 00
Lady Bountiful	25.00	Estelle	15.00
Enchantress	20.00	Queen Louise	10.00

5 per cent discount for cash with order.

HENRY BAER, R. F. D. 8, **Peoria, Ill.**
Mention The Review when you write.

CARNATION CUTTINGS READY

FINEST, CLEAN, HEALTHY STOCK	100	1000
Robt. Craig, Candace	$5.00	$40.00
Enchantress	2.00	18.00
Crusader	1.75	12.50
Boston Market, Harlowarden	1.50	10.00
Mrs. T. Lawson	1.50	12.00
Mrs. E. A. Nelson	1.50	12.00
Variegated Lawson	4.00	35.00

Unrooted cuttings Harlowarden and Boston Market, $5.00 per 1000.

SCHEIDEN & SCHOOS, 60 Wabash Ave., Chicago
Mention The Review when you write.

Roses Fine three and four-eye cuttings, cool-grown and well rooted.

	Per 100	Per 1000
1500 Bride	$1.50	$12.50
1500 Maid	1.50	12.50
200 Chatenay	1.50	
400 Golden Gate	1.50	

CRABB & HUNTER FLORAL CO.
509-525 Madison Ave., Grand Rapids, Mich.

Carnation Plants

2 inch Pots

VERY NICE

March 1, Delivery

	Per 100
Thomas Lawson	$3 00
Lady Bountiful	3.50
Enchantress	3.50
White Lawson	3 50
Boston Market	3.00
The Queen	3.00
Harlowarden	3.00

United States Cut Flower Co.

ELMIRA, N. Y.

Always mention the Florists' Review when writing advertisers

Dreer's Specials for Easter Forcing



We beg to call your special attention to the following plants which can be readily and profitably forced for Easter:

AZALEA MOLLIS

We offer a fine lot of nicely budded plants at $4.50 per doz.; $35.00 per 100.

RHODODENDRONS

Excellent forcing stock in leading varieties—good shaped plants, 20 to 24 inches high, with twelve buds and upwards, at $1.00 each; $11.00 per doz.; $90.00 per 100.

PRIMULA VERIS SUPERBA

The well-known, giant-flowering English Cowslip; easily forced for Easter; sells on sight. Strong plants, $1.00 per doz.; $7.00 per 100.

THE BABY RAMBLER ROSE MME. NORBERT LEVAVASSEUR

We also offer an exceptionally fine lot of extra strong, dormant, two-year-old, field-grown plants, just the stock to put up now for spring sales, $2.50 per doz., $20.00 per 100.

HENRY A. DREER, Inc.

714 Chestnut St. Philadelphia, Pa.

Mention The Review when you write.

Rooted Carnation Cuttings

	100	1000
White Perfection	$6.00	$50
Light Pink Lawson	6.00	50
Glendale	6.00	50
Victory	6.00	50
Robt. Craig	6.00	50
Cardinal	4.00	35
Fiancee	3.50	30
Lady Bountiful	2.50	20
The Belle	$2.50	$20
White Lawson	2.50	20
Enchantress	2.50	20
Mrs. T. Lawson	2.00	15
Nelson Fisher	2.50	20
Harry Fenn	2.00	15
Estelle	2.00	15
Boston Market	1.50	12
White Cloud	1.00	8

500 at 1000 rate.

ASPARAGUS Ready for shift STRONG

Asparagus Sprengeri, 3-inch, $4.00 per 100; 4-in., $6.00; 5-in., $20.00.

Asparagus Plumosus, 3-in., $5.00; 4-in., $8.00; 6-in., $20.00.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Mention The Review when you write.

Carnation Cuttings

A-1 STOCK GUARANTEED

	Per 100	Per 1000
VICTORY	$6.00	$50.00
RED LAWSON	2.50	20.00
WHITE LAWSON	2.50	20.00
PINK LAWSON	1.75	15.00
VAR. LAWSON	3.00	25.00
ENCHANTRESS	2.50	20.00

A. LAUB & SON,

HUGHSONVILLE, Dutchess Co., N. Y.

Bell Phone 19 Y 2 Wappingers.

Mention The Review when you write.

Strong, Well Rooted CARNATION CUTTINGS

	Per 1000		Per 1000
Red Lawson	$25.00	Enchantress	$18.00
White Lawson	20.00	Candace	40.00
Pink Lawson	10.00	Robert Craig	45.00
Var. Lawson	25.00	Cardinal	25.00
Fiancee	25.00	Estelle	15.00
Mrs. Patten	20.00	Harlowarden	15.00
Jessica	45.00	Prosperity	15.00
Lady Bountiful	18.00	Boston Market	10.00
My Maryland	30.00		

CASH OR C. O. D.

SOL. GARLAND, DES PLAINES, ILL.

Mention The Review when you write.

VERBENAS 60 FINEST VARIETIES PERFECTLY HEALTHY

Rooted cuttings, our selection	$0.75 per 100;	$6.00 per 1000
Plants, our selection	2.50 per 100;	20.00 per 1000
Rooted cuttings, purchaser's selection	.90 per 100;	8.00 per 1000
Plants, purchaser's selection	3.00 per 100;	25.00 per 1000

CARNATIONS CHOICE ROOTED CUTTINGS FREE FROM DISEASE

Robt. Craig, scarlet, very productive; **My Maryland,** pure white, good stems; **Cardinal,** scarlet, good flowers; **Jessica,** white, penciled with scarlet, $6.00 per 100; $50.00 per 1000.

Crisis, Lady Bountiful, Enchantress, $3.00 per 100; $25.00 per 1000.

Mrs. M. A. Patten, Judge Hinsdale, Flamingo, Buttercup, $2.50 per 100; $20.00 per 1000.

Mrs. Thomas Lawson, The Queen, $2.00 per 100; $17.50 per 1000.

Golden Beauty, Prosperity, Gov. Roosevelt, Queen Louise, $2.00 per 100; $15.00 per 1000.

Mrs. E. A. Nelson, Dorothy, Wm. Scott, Flora Hill, Ethel Crocker, Eldorado, Mrs. Joost, Portia, $1.50 per 100; $12.00 per 1000.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

A. F. J. BAUR. **F. S. SMITH.**

WE are sending out a fine lot of **Carnation Cuttings** and should like to supply you with what you need in that line. Our price list is out and will be mailed to you on receipt of your name and address. Our prices are reasonable and B. & S. cuttings and plants thrive.

We are entirely sold up on young Geranium plants for this season, so don't include any of these in your order.

BAUR & SMITH

38th St. and Senate Ave., INDIANAPOLIS, IND.

Mention The Review when you write.

VICTORY

Has made good. Place your orders early for rooted cuttings. Prices, $6.00 per 100; $50.00 per 1000. A discount for cash with order.

GUTTMAN & WEBER

The Wholesale Florist of New York, 43 W. 28th Street. Grower, Lynbrook, L. I., N. Y.

Mention The Review when you write.

CARNATION CUTTINGS, Ready For Immediate Shipment.

VICTORY	per 100, $6.00	per 1000, $50.00		LADY BOUNTIFUL	per 100, $3.00	per 1000, $25.00	
PINK PATTEN	" 5.00	" 40.00		ENCHANTRESS	" 2.50	" 20.00	
VAR. LAWSON	" 4.00	" 30.00		B. MARKET	" 1.50	" 12.50	

We can also give you immediate delivery on Winsor, one of the best novelties ever offered to the trade. Send for complete list of varieties.

JENSEN & DEKEMA, ... 674 W. Foster Avenue, CHICAGO

Mention The Review when you write.

WICHITA, KAN.

It's a long time since any remarks emanating from this immediate neighborhood have appeared in the REVIEW. As we are still doing things, a few words may be appreciated by some of the readers.

Christmas is now but a dream, but to us in Wichita a very pleasant dream, as business was far in advance of the previous year and the beautiful weather at that time made business a real pleasure. Since that time trade has been brisk and stock particularly scarce, but of good quality in spite of the long spells of cloudy weather, which sunny Kansas neither appreciates nor is accustomed to. Of course now our thoughts are all on Easter and whether this, that and the other is going to be just right or wrong is causing the careful grower many a bad quarter of an hour.

A visit to one of the larger places found the stock in good shape. Easter lilies were promising, both in excellence and in numbers. Hydrangeas, Ramblers and other things which are used so much as Easter offerings were all in fine condition and the place had a neat and prosperous appearance.

It is reported that C. P. Mueller will soon vacate his present quarters and move two doors south into a more commodious building with an imposing front and a large, admirable show window. May the report prove true, as Wichita is really entitled to a more up-to-date flower shop than it at present possesses.

Another greenhouse is in course of construction, but not having seen it can say nothing as to its dimensions or the use to which it is to be put. Later on we will say more on this subject.

Few roses are grown here, the great central market of Chicago being relied on for most of the supply, with Pleasant Hill, Mo., a close second. Since it has been proved that good roses can be successfully grown, no doubt the area devoted to this important flower will be increased. Importing roses from outside points at $10 and $12 per hundred, be the stock ever so good, is not very profitable to Wichita retailers, as the community considers anything over $2 as highway robbery, $3 causes spasms and a nervous clutching at the pocket book, and any one having the temerity to ask $4 would probably furnish business for the undertaker. However, we are all getting along fine and enjoying life.

P. G. B.

To Growers

of Palms, Ferns, Ficus, etc., who wish to make room for their Easter Stock.

CALL AT ONCE ON

C. C. TREFEL, at Lozier & Co's, Brooklyn, N. Y.

He can use all of your stock and will pay you a fair price for it. SEE HIM AT ONCE.
Also write and send list of what you have and what you want for it.

Mention The Review when you write.

GERANIUMS

	Per 100
10 var., 2 and 2½-in. pots, my selection	$3.00
10 var., 3½-in. pots, my selection	4.00
Alternantheras, red and yellow	2.00
Pansy Plants, April 1	1.50
Pansy Seed, giant-flowering	oz., $4.00

CANNAS

	Per 100
10 var., 1 and 3 eyes, my selection	$2.00
Coleus	2.00
Double Petunias, mixed	3.00
Vinca Var., 2-in. pots	3.00
Verbenas, April 1	2.00

Cash. **JOS. H. CUNNINGHAM, DELAWARE, OHIO**

Mention The Review when you write.

Beacon Carnation

IT'S A BREAD WINNER

...ORANGE-SCARLET...

Has been proved the most profitable Commercial Scarlet.

Beacon comes up quickly into bloom and keeps at it right along

....PRICES....

Per 100	$ 12.00; 50 at 100 rate.	Per 5000	$90.00 per 1000
Per 1000	100.00; 250 at 1000 rate.	Per 10,000	80.00 per 1000
Per 2500	$95.00 per 1000	In lots of 20,000 or more	75.00 per 1000

Cash with Order. MARCH DELIVERY.

Cottage Gardens Co. QUEENS, N. Y.

Peter Fisher, (Originator) ELLIS, MASS.

Mention The Review when you write.

Beautiful New Pink Rose

AURORA

See announcement and full description with prices, in Florists' Review, Dec. 20th, issue.

PAUL NIEHOFF, Lehighton, Pa.

Mention The Review when you write.

New Pink Rose

Miss Kate Moulton

Is the QUEEN of all pink roses. Write us about it.

Minneapolis Floral Co., Minneapolis, Minn.

Mention The Review when you write.

Wittbold FLORIST

Wholesale Price List

Palms and Ferns

Variety	Size	Each	Dozen	100
Areca Lutescens	4		$3.00	
" "	6	$1.50		
Assorted Ferns for ferneries				$3.00
Asparagus Plumosus	2		.50	3.00
" "	3		.75	
" "	4		1.50	12.00
" "	6		3.00	
" "	6		4.20	
Asparagus Sprengeri	2			3.00
" "	3			7.00
" "	4		1.25	
" "	5		2.00	
Boxwood	7	.50		
" Standards, 4 ft..		4.00		
" Pyramids, 4 ft..		4.00		
Cibotium Schiedei	6	1.00		
Cocos, 3 in a pot	4	75c-$1.00		
Dracaena Indivisa	3			5.00
" "	6		5.00	
" " 30-34 high	7	.75	9.00	
" "	8		12.00	
Dracaena Terminalis	3		2.00	
" "	6	.75		
" "	4	.25	3.00	
Ficus Elastica	5	.35	4.00	

Kentia Belmoreana, 3-in., 12-14 inches high, 5-6 leaves, $2.00 per doz.
Kentia Belmoreana, 7-in., 32-40 inches high, 6-7 leaves, $2.50 each.
Kentia Forsteriana, 6-in., 30-36 inches high, 6-7 leaves, $1.50 each.
Kentia Forsteriana, 7-in., 32-40 inches high, 5-7 leaves, $2.50 each.
Kentia Forsteriana, 8-in., strong, 48-50 inches high, 6-7 leaves, $3.50 each.

Latania Borbonica, 5-in	doz.	$5.00
" " 7-in	doz.	12.00
Nephrolepis Bostoniensis, 4-in	doz.	1.50
" " 5-in	doz.	3.00
" " 6-in	doz.	4.20
" " 6-in., strong	doz.	6.00
" " 7-in	doz.	9.00
" " larger specimens, $1.50, $2.00 and $3.00 each.		
Nephrolepis Elegantissima, 6-in	doz.	6.00
Nephrolepis Elegantissima, 7-in	doz.	9.00
Pteris Wimsetti, 4-in	doz.	1.25
Phoenix Canariensis, 9-in., fine bushy specimens, $3.00 each	doz.	36.00
Phoenix Reclinata, 4-in	doz.	3.00
" " 5-in	doz.	5.00
Pandanus Utilus, 5-in	doz.	5.00
" " 6-in	doz.	6.00

The Geo. Wittbold Co.
1657 Buckingham Place, CHICAGO
Mention The Review when you write.

NEW DOUBLE PETUNIA
THE QUEEN

a wonderful bloomer; flowers from four to four and one-half inches in diameter; white mingled with purple, nicely fringed; an early bloomer; fine seller for Decoration Day; planted outdoors will bloom all summer. Strong plants, ready now, $1.50 per doz.; $10.00 per 100; $90.00 per 1000.

THE YATES FLORAL CO.
Joseph Traudt, Prop. Canajoharie, N. Y.

Scranton Florist Supply Co.
SCRANTON, PA.
Mention The Review when you write.

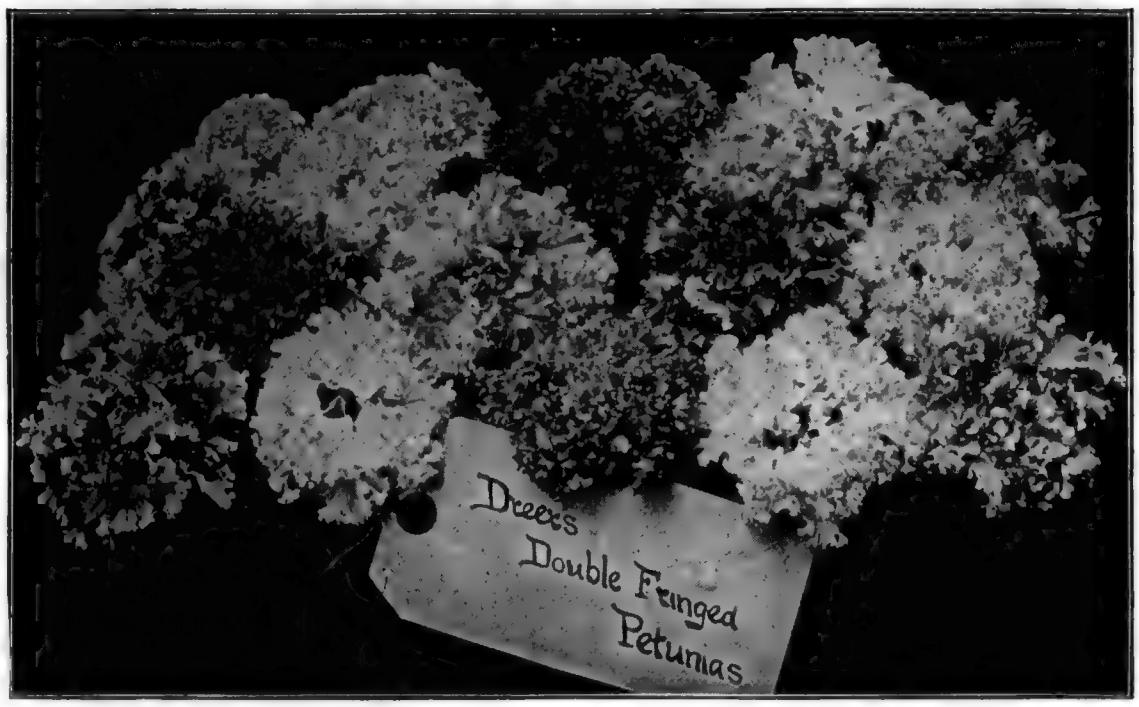
Nephrolepis

Whitmani, 2¼-in.....$10.00 per 100
Boston, 2¼-in..... 3.00 per 100

H. H. Barrows & Son, Whitman, Mass.

Always mention the Florists' Review when writing advertisers.

Dreer's Superb Double Petunias



For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer fifteen distinct varieties.

3-inch pots.....75c per doz.; $6.00 per 100; the set of 15 for $1.00.
2¼-inch pots.....60c per doz.; 4.00 per 100; the set of 15 for .75.

Seed of Our Superb Strain of Fringed Petunias. Double, 75c per 500 seeds; $1.50 per 1000 seeds. Single, 50c per trade packet. Our Quarterly Wholesale List offers a full line of seasonable Plants, Seeds and Bulbs.

HENRY A. DREER, Philadelphia, Pa.
Mention The Review when you write.

SEASONABLE STOCK

CANNAS—**Alsace, Austria, Charles Henderson, David Harum, Duke of Marlborough, Italia, Mlle. Berat, Shenandoah, $2.00 per 100; $17.00 per 1000. Beaute Poitevine, Crimson Bedder, Egandale, Florence Vaughan, Queen Charlotte, Souv. de Antoine Crozy, $3.00 per 100; $25.00 per 1000.** (See Catalogue No. 5 for complete list.)

AZALEA MOLLIS—Grand for forcing, bushy and full of buds; 12 to 15 in. high, $25.00 per 100; 15 to 18 in. high, $35.00 per 100.

RHODODENDRON—Bushy, bright foliage, full of buds. Forcing varieties. 18 to 20 in. high, $9.00 per doz.; 20 to 24 in. high, $12.00 per doz.

TUBEROUS-ROOTED BEGONIAS—White, pink, scarlet, crimson and yellow single flowered, $2.50 per 100; double flowered, $4.50 per 100.

GLOXINIA BULBS—Separate colors, white, red, violet, violet bordered white, and red bordered white, $4.00 per 100.

The Storrs & Harrison Co.
PAINESVILLE, OHIO.
Mention The Review when you write.

ALTERNANTHERAS

Strong rooted cuttings; red and yellow, 50c per 100; $4.00 per 1000.
BRILLIANTISSIMA (the best red), 60c per 100; $5.00 per 1000.

DAVIS BROS., — Morrison, Ill.
Mention The Review when you write.

WE ARE BOOKING ORDERS FOR
NEPHROLEPIS AMERPOHLII
THE SENSATIONAL NEW FERN
Awarded Highest Certificate of Merit at the S. A. F. Convention, 1906.

JANESVILLE FLORAL CO., Janesville, Wis.
Mention The Review when you write.

We are Headquarters for
Princess Violet

Stock. Orders booked for immediate delivery. Strong, field-grown plants, $50.00 per 1000.

WILLIAM SIM, Cliftondale, Mass.
Mention The Review when you write.

Finest Stock

of Madeira Vine, Hyacinthus Candicans, Oxalis, Spotted Calla and German Iris in the United States. Send for list of Bulbs and Hardy Plants.

E. S. MILLER, WADING RIVER, N. Y.
Mention The Review when you write.

GRAND RAPIDS.

The Market.

The sun still continues to play hide and seek among the clouds, but we are all thankful for what little sunshine we do get, as it has noticeably increased our cuts. The market is still active and as yet has not felt the coming of Lent. All the stores report a large increase of business on St. Valentine's day over that of a year ago. Stock is still scarce, and roses and white carnations are still at the famine point. The coming of large supplies of bulbous stock has helped out a great deal, but does not seem to have affected the steady demand for carnations and roses. Harrisii are more plentiful now, but are being used up fast and callas are moving along nicely. The outlook for Easter is good and all report a prospect of fine lily crops.

Club Meeting.

The Florists' Club met February 18 and had a record-breaking attendance of twenty-six. The evening was for the most part given over to the vegetable growers, who made the most of it, with talks about the growing of cucumbers, lettuce, etc. Mr. Strong gave an interesting talk about sub-irrigation, as experimented with on his place, by the State Agricultural College. The club decided to give an exhibition the third Monday in April, and a committee was appointed to look after the details. It will consist of bedding stock and cut blooms, also exhibits of vegetables. S. S. Skidelsky was present and gave an interesting talk and several pointers, which if followed will help the local club to success. Dues were collected and came in so fast that they nearly swamped our honorable treasurer, Mr. Stover.

G. F. Crabb is now able to sit up in bed and hopes soon to be around again.

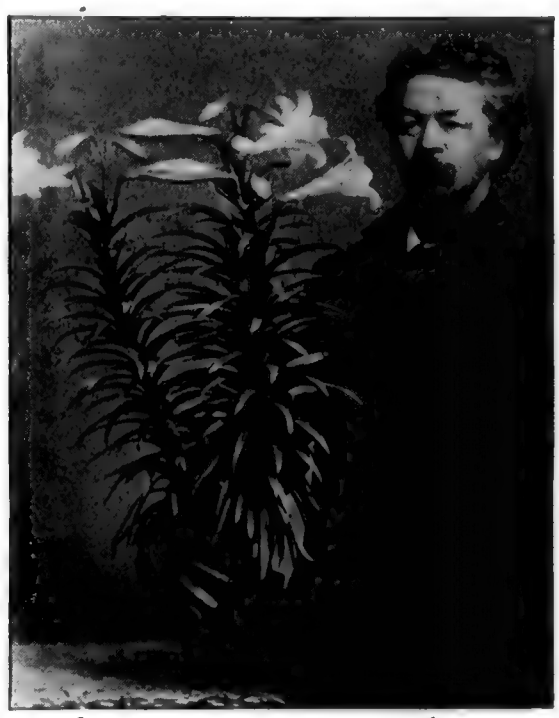
H. F. C.

Growers Form Corporation.

The Grand Rapids Herald of February 21 says: "Believing that their business can be better conducted under a sort of coöperative plan, several prominent greenhouse men of this city met last evening and formed a stock company to conduct their business, and also make an extension in the shape of a large central greenhouse. The meeting was held in the office of William B. Brown and the new company was organized with a capital of $160,000, of which $90,000 is paid in. It will be known as the Grand Rapids Greenhouse Co. The idea is not to discard the present plants owned by the different members of the company, but to operate them all under the central management and in addition to build a large central greenhouse on some railroad where shipping facilities will be of the best. This central plant will be built as soon as a suitable location can be found. Officers were elected as follows: President, F. M. Strong; secretary, Frank J. Cook; treasurer, Edward Taylor; manager, S. J. Perry. The members expect the enterprise will pay from ten to twelve per cent on the investment. Stock will be placed on the market at once."

Wilmette, Ill.—William Foith has about 36,000 feet of glass planted to carnations. He is planning to build a small extension this coming season, as he wants to grow chrysanthemums also.

PREPARE FOR EASTER



An Immense Stock of Choice

EASTER PLANTS

Blooming Easter Week

or earlier if desired, are now ready for immediate shipment.

Come or mail your order direct to the headquarters. Our reputation over the entire country from the Atlantic to the Pacific in growing Easter stock for the wholesale market for many years past ought to be sufficient guarantee as to the truth of what we say and advertise. We have every house, nook and corner full of plants and they were never so fine as this year, 1907.

While laborers, merchants, jobbers, contractors, builders, etc., have increased their prices almost double as usual, we have not advanced our prices; but look, we sell our plants at the same old prices charged two or three years ago when the cost of producing plants was much cheaper.

What was my duty on my trip to Ghent, Belgium (the land of azaleas, araucarias and palms), last fall, 1906? Answer: Of course, the interests of my customers, not speaking of the 1100 souvenir cards which I mailed to my customers in America. For the benefit of my customers I also bought Azalea Indica for Easter trade, the cream of Belgium's production that money could buy.

AZALEAS

Now I am able to offer to my customers, and the trade in general, two houses full of Mme. Vander Cruyssen azaleas, the well known and much favored best double pink azalea that has given so much satisfaction all over America. Plants as round as an apple, just covered with buds, 6 to 7-in. pots, at 60c, 75c, $1.00, $1.25, $1.50, $1.75 and $2.00 each. Other fine varieties adapted for American markets, such as Niobe, Benard, Andre Alba, Deutsche Perle (double white), Prof. Wolters, Empress of India, Vervæneana (double variegated), and about eight more fine sorts, all covered with buds, 6 to 7-in. pots, 75c, $1.00, $1.25, $1.50, $1.75 and $2.00 each; 5½ to 6-in. pots, 50c to 60c. We have a fine limited quantity of azaleas, 50c to 60c each, such as Apollo (double dark scarlet), Deutsche Perle, Simon Mardner, and a few others.

Hydrangea Otaksa (pink), 6 to 7-in. pots, 40c, 50c, 75c to $1.00 each; also $1.25 and $1.50 each.

Lilium Multiflorum and **Japanese Longiflorum** were never so fine as this year, all sizes, and can meet all wants, 6-in. pots, 5 to 8 buds to a plant, 10c per bud 4 buds and under, 12c per bud. Raised from Henry F. Michell Co.'s special brand bulbs.

Spiraea Gladstone, 6 to 7-in. pots, these plants are very large and bushy and unusually fine, full of buds, at 50c, 75c and $1.00 each.

Crimson Rambler Roses, 3 feet high and over, $1.00, $1.25, $1.50, $1.75 to $2.00 each.

In Philadelphia there's a florist noted,
Aschmann, his name, his plants beyond compare;
To a sweet girl his heart is all devoted,
Next rank his Araucarias, passing fair;
When seen together they're a pair so charming—
Brimful of beauty—both he cannot keep;
So to his heart he'll hold his winsome darling,
While you may have the Araucarias cheap.

Araucaria Compacta Robusta, five years old, 7-in. pots, 25 to 30 inches high, 4 to 5 tiers, width the same as height, very swell stuff, $1.75, $2.00 to $2.50 each.

Araucaria Excelsa Glauca, 4 years old, 4 tiers, 20 inches high, $1.00, $1.25 to $1.50 each. Specimen Glauca, 7-in. pots, 5 years old, 5 tiers, 30 to 35 inches high, $3.00 each.

Araucaria Excelsa, 4 years old, 6-in. pots, 20 to 25 inches high, 5, 6 to 7 tiers, $1.00, $1.25, $1.50 each.

Kentia Forsteriana, 7-in. pots, made-up, one large plant in center, 3 small around, $1.50 to $1.75 each. Single plants, 36, 45 to 50 inches high, $1.00, $1.25 to $1.50 each.

Cineraria Hybrida, have a house full all shades, 5, 5½ to 6-in. pots, $2.50, $3.00, $4.00 to $5.00 per doz.

Begonia, new improved Erfordii, an immense bloomer, blooming the entire summer and winter, 5¼-in. pots, $3.00 per doz.; 4-in. pots, $1.80 per doz.

Primula Obconica, 5¼-in. pots, $2.50 per doz.; 4-in. pots, $1.80 per doz.

White Daisies (Queen Alexandra and Marguerites) 5¼ to 5½-in. pots, $2.50 per doz.

Areca Sapida (palms), 6-in. pots, 50c each.

Dracaena Bruanti, 6-in. pots, 50c each.

Ferns, Nephrolepis Barrowsii, 6-in., pots, 50c to 75c each; 7-in. pots, $1.00.

Scottii, 8-in. pots, very large, $1.50 each; 5-in pots, 35c each; 5½ to 6-in. pots, 50c.

Boston Ferns, 7-in. pots, 75c; 6-in. pots, 40c to 50c each; 5-in. pots, 25c to 30c each.

Holly Ferns, 8-in. pots, $1.20 per doz.

Hyacinths, raised from first-class bulbs of my own importation. These bulbs cannot be compared with ordinary stuff flooding the market. King of the Blues, Lavender (blue), Gertrude (best pink), La Grandesse (white), 4-in. pots, $12.00 per 100.

Tournesol Tulips, red and yellow variegated, the best selling Tulips on the market. Will stay in bloom 10 days. 3 bulbs planted in a 4-in. pot, $12.00 per 100 or $1.50 per doz.

Double Von Sion Daffodils, the best double yellow narcissus in the world, will sell on sight. 3 double-nosed bulbs planted in 5, 5½ and 6-in. pots, $2.50 to $3.00 per doz. pots. All bulbs are strictly first-class, of my own importation and are now outside in coldframe and will bloom in about two weeks after bringing in greenhouse,

Have about 200 pots **Von Sion Daffodils,** 5¼-in. pots, 3 plants in a pot, in greenhouse now, in bud ready to open for immediate sale at $2.00 per doz. This is a special offer, only good for a few weeks.

Moonvines, Ipomaea Noctiflora (A. W. Smith, originator), best pure white, largest and most fragrant moonvine in the world. I made a specialty of them for the past 15 years and am known as the Moonvine Grower of America and grow yearly about 20,000. In 2½-in. pots, $5.00 per 100. Now ready.

Directions to visit my place: Take Germantown or Willow Grove car at 13th and Market Sts. to Ontario St., or 8th and Market St., and take Germantown, Chestnut Hill or Willow Grove car to Ontario St. In going either route you walk two squares east on Ontario St.

Mention if pots are wanted with all plants. Cash with order, please.

All goods must travel on purchaser's risk.

Latrobe, Pa., Feb. 18, 1907.

Mr. Godfrey Aschmann.

Dear Sir—I received your plants in good condition, satisfactory to me. I am pleased in every way. Respectfully,

Edw. Leizmann.

(Above order amounted to $86.25, for 55 azaleas, 19 kentias and araucarias and ferns.)

Philadelphia, Feb. 25.

I have seen Mr. Aschmann's Easter stock and I can truthfully say that it never looked finer, and he never before had such a large stock. Am pleased to recommend our customers to Mr. Aschmann. F. J. Michell,
of the firm of H. F. Michell Co.

GODFREY ASCHMANN

Importer and Wholesale Grower of Pot Plants

1012 ONTARIO STREET, PHILADELPHIA, PA.

Wholesale Trade List

ASPARAGUS PLUMOSUS, 2½-inch pots, $3.00 per 100.

BOSTON FERNS, 6-inch pots, 25c.

CARNATIONS, R. C.—Enchantress, Lawson, White Lawson, Red Sport, Boston Market and Vesper. Price on application.

DRACAENA INDIVISA, 5-inch pots, $2.00 per doz.

FUCHSIAS, heliotrope, yellow daisy, from 2½-inch pots, 50c per doz.; $3.00 per 100.

GERANIUMS, best varieties from 3-inch pots, $4.00 per 100.

IVY, Hardy English, 3-inch pots, $5.00 per 100; 4-inch pots, $1.50 per doz.; $10.00 per 100.

MOONVINES, the true variety, 3-inch pots, 75c per doz.; $5.00 per 100.

SANSEVIERIA (Zebra plant), 4-inch pots, strong, $1.50 per doz.; 3-inch pots, $1.00 per doz.

ROOTED CUTTINGS — Heliotrope, dark blue: **Fuchsia** Elm City; **Cupheas, Parlor Ivy, Ageratum,** blue and white, $1.00 per 100.

C. EISELE, 11th and Roy Streets, PHILADELPHIA, PA.

Mention The Review when you write.

Boston Ferns, 5-in. pots, $3.00 per doz.; 8-in. pots, $15.00 per doz.; 11-in. pots, $2.50. Specimens in 12-in. pots, $5.00, $6.00 and $7.00 each; 14-in. pots, $15.00 per pair. **Scottii Ferns,** 5½-in. pots, $3.00 per doz.; 6-in. pots, $6.00 per doz.; 7 and 8-in. pots, $12.00 per doz. **N. Elegantissima,** 5½-in. pots, $5.00 per doz. **N. Whitmani,** 4½-in pots, $6.00 per doz. **Superb Boxwood,** just arrived, perfectly shaped. **Bushes** for window boxes, 24-in. high, $1.00 to $1.50 a pair. **Pyramid Box,** 3 ft. high, $2.50 to $3.00 a pair; 3½ ft. high, $4.00 a pair; 4 ft. high, $4 50 and $5.00 a pair; 4½ ft. high, $6.00 to $7.00 a pair; 5 ft. high, $8.00.

Cash or satisfactory New York references.

ANTON SCHULTHEIS, College Point, N.Y.

Mention The Review when you write.

...THE...

Chrysanthemum

By Arthur Herrington

Formerly president Chrysanthemum Society of America.

The most complete and comprehensive work on the cultivation of the chrysanthemum that has yet been published in America. Its scope and character may be gleaned from the list of contents, which comprises chapters on composts; planting; benches, boxes or pots; general cultural details; crown and terminal buds; feeding, its object and application; care of the buds; exhibition and judging; specimen plants, plants in pots; raising from seed and hybridizing; sports; hardy chrysanthemums; chrysanthemums for south and west; insect pests and diseases; classification and selection of varieties for special purposes; history of the chrysanthemum, etc. The book will be welcomed for the lucid, comprehensive, as well as the practical character of its contents. Handsomely illustrated. 168 pages, 5x7 inches. Price 50c postpaid.

Florists' Publishing Co.,

Caxton Bldg., 334 Dearborn St., CHICAGO.

GREAT BEND, KAN.

The new greenhouses being built by Stoke & Stoke are centrally located and just what has been needed in this vicinity for some time. Will E. Stoke recently sold his newspaper plant, which he had conducted for the last twenty years, so that he could devote his time to the florists' business, which his wife, Ella M. Stoke, had built up until it required more than one to look after it. The two houses will be 20 by 80, up to date in every particular, heated by a hot water plant, with capacity for enlarging as trade demands. Mr. and Mrs. Stoke, having lived in Great Bend and having been in business for so many years, are well and favorably known and have fine prospects for a lucrative business.

---

3 NEW CANNAS

WILLIAM SAUNDERS

The flowers are large, of splendid form, and are borne very freely in immense clusters. The color is a deep rich shining scarlet slightly dappled with crimson. Foliage is a rich bronze. Height, 3½ to 4 feet. We believe that **Wm. Saunders** is decidedly the most perfect Canna of this type that has been introduced. 50c each; $5.00 per doz.; $35.00 per 100.

OTTAWA

Is a strong grower, very robust and 5 to 6 feet high. The flowers are large and beautifully formed, color is carmine with tints of old rose and deep coral, add to this the silken sheen and you can imagine the effect a few plants will produce.

NOTE—We had this Canna on trial among the Canadian experimental stations last summer and this is the official report of their expert: "Quite distinct and one of the most beautiful shades of color I ever saw in Cannas. Of 70 massed in one bed during the past season, this was the most floriferous in the collection, coming into bloom early and continuing until cut down by frost, as many as 13 expanded heads of blooms being counted at one time on a plant, and not a poor one among them, all being of immense size." 50c each; $5.00 per doz.; $35.00 per 100.

NEW YORK

Has the Orchid type of flower. They have much more substance than the flowers of the other varieties of this class, and will stand the hot sunshine as well as the toughest varieties of cannas. The color is a solid rich scarlet covered with a beautiful glowing sheen. The flowers are large and contrast beautifully with the dark bronze foliage. 50c each; $5.00 per doz.; $35.00 per 100.

Send for our list and prices of 60 other leading varieties of Cannas.

ROSES, are our great specialty. 2¼ and 4-inch pot plants we have in great variety — **Philadelphia Rambler, Crimson Rambler, Dorothy Perkins** and other climbers in strong field plants.

SHRUBBERY, in variety. **Viburnum Plicatum, Spiraeas, Althaeas, Honeysuckles, etc.**

SEND FOR OUR PRICE LISTS.

THE CONARD & JONES CO., WEST GROVE, PA.

Mention The Review when you write.

WE NEED MORE ROOM for Bedding Stock

ASPARAGUS PLUMOSUS, 3 and 4-inch, $6.00 and $9.00 per 100. Extra fine.
ASPARAGUS SPRENGERI, 3 and 4-inch, $5.00 and $8.00 per 100.
BOSTON FERNS, 3, 4, 5, 6-inch, $7.00, $12.50, $25.00 and $40.00 per 100.
PIERSONI, ANNA FOSTER and SWORD FERN, 2¼, 3, 4, 5, 6-inch, $4.00, $7.00, $12.50, $25.00 and $40.00 per 100.
PIERSONI, ELEGANTISSIMA and SCOTTII, 2¼, 3, 4-inch, $6.00, $10.00, $17.50.
SALVIAS, in best varieties; **HELIOTROPES,** in 6 varieties; **COLEUS,** in standard and fancy-leaved; rooted cuttings and 2¼-inch.
Special price on surplus stock of **CANNAS.** Ask for descriptive list.
50,000 PERENNIAL PLANTS for Spring delivery. Price list now ready.

The MOSBAEK GREENHOUSE CO., Onarga, Ill.

Mention The Review when you write.

ASPARAGUS

Asparagus Plumosus, 2-in., $2.50 per 100. 3-in., $3.00 per 100. 3½-in., $4.50 per 100.

Asparagus Sprengeri, 2-in., $2.00 per 100. 3-in., $3.00 per 100. 3½-in., $4.00 per 100, or will exchange for any seasonable stock.

Cash with order.

F. E. ALLEN & CO. Intervale Park Florists BROCKTON, MASS.

Mention The Review when you write.

FUCHSIAS Little Beauty, strong, 2¼-in., $4.00 per 100. Ready now.

COLEUS

10 varieties, including Verschaffeltii and Golden Bedder. Absolutely free from mealy bug. Ready now. 2-inch, $2.50 per 100.

Cash with order.

Lakeside Greenhouses, Erie, Pa.

BOSTON FERNS

Fine pot-grown stock from 6-in., 40c each; 5-in., 25c; 3-in., $7.00 per 100; 2½-in., $3.00 per 100.

Nephrolepis Barrowsii, from 5-in., 25c each. Write for special discount on large quantity.

NELSON & KLOPFER

1101 Fifth Ave. PEORIA, ILL.

Formerly Cation Greenhouse Co.

Always Mention the....

Florists' Review

When Writing Advertisers.

Seasonable Stock

	100	1000
Baby Primrose, 2½-in.	$2.00	
Carex Japonica, 2½-in.	2.50	
Coleus, 10 sorts, 2½-in.	1.80	$15.00
Geraniums, 2½-in., Jno. Doyle, La Favorite, Jean Viaud, S. A. Nutt, Heteranthe, Mme. Salleroi	2.50	25.00
Heliotrope, purple, 4 good sorts, 2½-in.	2.50	
Vinca Variegated, 4-in.	7.00	
Violets, 2½-in., Princess of Wales, California and Luxonne	2.50	20.00
Hardy Pink Hibiscus, Moscheutos, 1-year-old field plants, fine stock	3.00	25.00
Hardy Hibiscus, crimson eye, 1-year-old field plants	2.50	
Ferns, Boston, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Piersoni, 2½-in.	3.00	25.00
" " 3-in.	6.00	
" Scottii, 2½-in.	3.00	

ROSES, 150 sorts, 2½-in. and 4-in. Write for prices. Send for our General Trade List of Roses, Carnations, Geraniums, Mums, Miscellaneous Bedding plants, Coleus, Cannas, Hardy Shrubbery and Plants, Palms and Miscellaneous Flowering and Ornamental plants. **Send for it today.**

SPRINGFIELD FLORAL CO.

SPRINGFIELD, OHIO

Always mention the Florists' Review when writing advertisers.

HARTFORD, CONN.

At J. J. Goodwin's, J. F. Huss, grower, is to be seen the largest collection of hardy ferns in this country and I question if it is exceeded in Europe, as Mr. Huss believes he has every variety in existence. More than 300 varieties are growing outdoors, in addition to 100 indoors. They form a most interesting study, the types of Scolopendrium vulgare and crispum being possibly the most numerous and variform. Among the exotic varieties Gymnogramme chrysophylla superba, with its beautiful, heavily crested fronds, is the choicest of the golden species. Cheiranthus elegans is appropriately termed the lace fern. Pellæa flexuosa is a pretty Mexican variety, producing fronds four feet and more in length. It makes a fine plant for hanging baskets.

Mr. Huss was tenderly pricking off the mites of seedlings at the time of my visit and grew reminiscent, going back to the time when we were delving together in the soil at Hugh Low & Co.'s, of London, when at the same time Fred L. Atkins, of Rutherford, had his first experience with Vanda cærulea and Julius A. Peterson, of Cincinnati, with Pandanus Veitchii. Mr. Huss is an ardent lover of hardy stock and at the same time a splendid plantsman, and believes there is good money for the person who makes a specialty of hardy ferns, or adds this line to an existing line of hardy plants.

The shelves of these houses are filled with more than 400 kinds of hardy herbaceous plants, all labeled, forming a miniature botanical garden, all to be planted outdoors during the month of July. In May the show of the hardy polyanthus alone is worth a visit, the assortment and number being immense.

John Coombs says he will recommend the dealer who will supply the true type of Lilium multiflorum to a place in the hall of fame. He does not believe in putting all his eggs into one basket, but says they hatch out the same kind of chicks anyhow.

J. Vidbourne & Co. predict a big planting season, judging from orders booked and inquiries received for nursery stock. W. M.

Scranton, Pa.—W. H. Davis recently took a big sled-load of friends to Elmhurst for a chicken supper.

Painesville, O.—Carl Hagenburger recently had his eyebrows and mustache badly singed by the exploding of gas in his furnace.

CACTUS GERANIUMS

A very unique and strikingly beautiful distinct type which, originating in England but a few years ago, at once won a place in great popular favor as a pot plant, for the conservatory and window boxes, for which they are unusually pleasing and attractive, on account of their remarkably handsome and thrifty but dwarf growth, small foliage, and marvelous profusion of bloom.

The Cactus has by common consent been recognized as a distinctive term applied to certain type of Dahlias, Cinerarias, etc., but none deserve the appellation more so than the Cactus Geranium, with its admirable elegance of form, exquisite, graceful, narrow petals, similar to those of the Cactus Dahlia.

We offer a collection of four varieties, and to introduce them into every collection, we will for a short time send one dozen by mail postpaid for $1.50.

PELARGONIUM PELTATO ZONAL

Alliance, (Lemoine 1905)

An exquisitely beautiful novelty of the highest order. A hybrid between an Ivy and a Zonal, and which has retained all the good points of both parents, including the beautiful soft finish of the Ivy and the hardy constitution of the Zonal.

It is therefore, not an ordinary variety but an extraordinary variety in all the good points that go to make up an attractive Geranium. Its color is the most exquisite shade of delicate lilac white, upper petals feathered and blotched beautiful bright crimson rose. Flowers semi-double, abundantly produced in fine large trusses on long stems.

Habit is excellent, robust, strong, close jointed; for vases or as a pot plant it is unequalled.

25c each; $2.50 per doz.; to introduce we will send postpaid for a short time.

IVY-LEAVED GERANIUM

Caesar Franck, (Lemoine 1905)

This is unquestionably destined to become the most popular Ivy Geranium yet introduced; the color is the most magnificent shade of soft crimson, with an exquisite shading of tender rose at the base of the petals. The flowers are about as double as the Crimson Rambler Rose, which they resemble, only much richer in color and finish, produced on long stems in enormous trusses. Habit, vigorous, quick growing and pleasing with a strong constitution. For baskets and vases it is all that could be desired.

Considering its general good behavior, being in keeping with its other good points, we are convinced that it is a most desirable sort.

25c each; $2.50 per doz.; to introduce it everywhere we will send postpaid for a short time.

R. VINCENT, Jr., & SON, White Marsh, Md.

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Verbenas, the finest varieties on earth, 60c per 100; $5.00 per 1000. Express prepaid.

Petunias, Dreer's and Henderson's strains, including our Kansas Double White, $1.25 per 100; $10.00 per 1000.

70,000 Alternanthera Brilliantissima, red and yellow, September struck, very strong, 60c per 100; $5.00 per 1000.

Salvias, $1 00 per 100; $8.00 per 1000.

Heliotropes, $1.00 per 100; $8.00 per 1000.

Coleus, 70c per 100; $6.00 per 1000.

Feverfew Little Gem, $1.25 per 100; $10.00 per 1000.

White Daisy, California, $1.00 per 100; $8.00 per 1000.

Chrysanthemums, rooted cuttings, $1.25 per 100; $10.00 per 1000. Send for list.

Double Giant Sweet Alyssum, $1.00 per 100; $8.00 per 1000.

Cupheas, cigar plant, $1.00 per 100; $8.00 per 1000. (Express prepaid on all rooted cuttings.)

C. HUMFELD, Clay Center, Kan.

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OFFERED BY

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Box 778, Peoria, Ill.

	100	1000
Boston Ferns, all sizes. Write for prices on large or small quantities.		
Piersoni Ferns, 2½-in	$4.00	
Plumosus, 3-in	7.00	
Sprengeri, 2-in	2.50	$25.00
Feverfew, 2-inch	2.50	
Vinca Var., 2-inch	3.00	25.00
Lemon Verbena, 3-inch	6.50	
Coleus, rooted cuttings, red and yellow	1.00	7.50
Geraniums, 3-inch, in dark red, scarlet, etc., for March delivery	6.00	55.00

Hydrangeas for Easter blooming in 6, 8 and 9-inch pots, fine plants. Write for our prices.

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SATISFACTION GUARANTEED.

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Another addition to the Charmet Family of Decorative Dahlias; color, dark maroon on long, strong stems. One of the finest novelties of recent introduction. Dahlias from all parts of the world. Send for catalogue.

EDWIN S. MANUEL

Dahlia Specialist

19 Walnut Street, NEWPORT, R. I.

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COLEUS, 15 best named varieties, all distinct, 75c per 100; $6.00 per 1000.

DOUBLE PETUNIAS, white, pink and variegated. The varieties, Seafoam, Pk. Beauty and Intensity, $2.00 per 100.

SALVIA SPLENDENS, three of the best Bedders to date, $1.50 per 100.

Send for our Catalogue of Plants, Cuttings and Seeds.

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ADRIAN, MICH.

Elegantissima

Runners, $1.50 per 100.

Feverfew, dwarf; nice young plants, $1.00 per 100.

Salvia Splendens, Bonfire, 2-in., 2c.

Rooted Cuttings,

Prepaid per 100.

Vinca Variegata, Salvia Splendens Bonfire, 90c; Heliotropes, 3 kinds, $1.00. Paris Daisy, giant white, $1.00; Alexandra, $1.25. Fuchsias, 5 kinds, $1.25. Ageratum Gurney, Pauline and white, 60c. Alternantheras, 3 kinds, 50c. Flowering Begonias, 8 kinds, $1.25. Rex Begonias, 20 kinds, mixed, $1.25. Parlor Ivy, 75c. Double Petunias, 10 kinds, $1.00. Mums—Tranter, Alliance, Weeks, Enguehard, Pacific, P. Rose, Golden Age, Silver Wedding, Appleton, $1.25. Cash or C. O. D.

BYER BROS., CHAMBERSBURG, PA.

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Strong 4-in. pots, ready for 5-in., $6.00 per 100.

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Cash with order.

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GLADSTONE. The best of all Spiraeas. Free bloomer, fine large spikes. Extra selected clumps, $12.00 per 100.

ASTILBOIDES FLORIBUNDA. $5.00 per 100; case of 300 clumps for $12.00.

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Miniature Hyacinths or Dutch Romans

We still have a few thousand of these left, which we can supply in a fine assortment of named varieties. $2.00 per 100; $16.00 per 1000. These can be potted up, if done at once, and will make nice Easter stock.

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DOUBLE VON SION. We have a few thousand extra quality bulbs to offer. $1.50 per 100; $12.00 per 1000.

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GLADIOLUS COLVILLEI

ALBA, "The Bride." White.....75c per 100; $6.00 per 1000
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will write at once for our catalog of **ROSES, SHRUBS and all kinds of plants for Florists' use.** Write today, it's free. We have one order for this Spring's shipment of five hundred and eighty-five thousand Rose Plants and we can still fill your orders.

THE GOOD & REESE CO.
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We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per 100; $45.00 per 1000.

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Bright, clear salmon-pink, cross between Mrs. E. G. Hill and Paul Bruant. It's the **BEST** geranium grown. Write for descriptive circular.

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NEPHROLEPIS WHITMANI,

Strong plants, from 2½-in. pots, $10.00 per 100.

NEPHROLEPIS ELEGANTISSIMA,

2½-in. pots, $5.00 per 100.

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12 to 14-inch, $0.50 each.
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16 to 18-inch, 1.00 each.

Boston Ferns

3-inch, $5.00 per 100; $40.00 per 1000.

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BOSTON FERNS

5-inch, $2.50 per doz. 3-inch, $7.00 per 100.
CANNAS, dormant, with two or three eyes, Alphonse Bouvier, Florence Vaughan, Peter Henderson, Beaute Poitevine, Martha Washington, Mme. Crozy, Queen Charlotte, $2.25 per 100.
Rooted cuttings of **IVY GERANIUM,** mixed, $1.50 per 100.
STEVIA, stock plants, 75c per doz.; $4.00 per 100.
Cash with order.

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Azaleas.....$1.00, $1.25 and $1.50 each
Cyclamen.....3-inch, $8.00 per 100
Chinese Primroses, 3-inch, $8.00 per 100; 4-inch, $12.50 per 100.
Obconica, 3-in., $8.00 per 100; 4-in , $12.50 per 100
Baby.....3-in., $8.00 per 100; 4-in., $12.50 per 100
Hyacinths, 4 in., $1.50 per doz.; 5-in., $2.00 per doz.

Order of **GEO. A. KUHL, Pekin, Ill.**

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Buxus, Azalea Indica, Rhododendrons, Evergreens, Herbaceous Plants, Roses, Trained Fruit Trees, Greenhouse Grape Vines.

Ask for catalogue.

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PER 100, PREPAID

Ageratum, Gurney and Pauline.....60c.
Alternantheras, best red and yellow.....50c.
Heliotrope, blue.....85c.
Verbenas, mixed.....60c.
Hardy Pinks, red.....75c.

SHIPPENSBURG FLORAL CO , Shippensburg, Pa.

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Importations 1907

Get quotations from us on them — we save you money. Cattleya Mossiae, Gigas, Trianae, Labiata, Schroederae, Vanda Coerulea, Dendrobium Wardianum and Nobile. Write today.

JULIUS ROEHRS CO.
The largest Orchid Growers and Importers in the United States.
Rutherford, N. J.

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ORCHIDS

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ORCHIDS Direct from the Collectors

For Spring and Summer Delivery.

We are giving quotations upon our entire list of South American, Philippine and East Indian Orchids. Choicest varieties of **Cattleya, Odontoglossum, Pilumna, Cypripedium, Phalaenopsis, Dendrobium and Vanda.** Among them the very rare **Vanda Sanderiana** for delivery June or July.

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Asparagus Crawshawii

A Beautiful Asparagus, superior to all others in many respects.

Seedlings, $3.00 per 100; $25.00 per 1000. Transplanted seedlings, $5.00 per 100; $40.00 per 1000. Sample, 10c.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertising under this head 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification. For index to display advertisements see page 1154

ACHYRANTHES.

Achyranthes, red, 2½-in., 3c. Yellow, mottled red, 2½-in., 3c.
Hammerschmidt & Clark, Medina, O.

Achyranthes, red and yellow, 2-in., 2c.
A. J. Baldwin, Newark, O.

Achyranthes, 2½-in., $2.50 100. Cash.
Tipton Floral Co., Tipton, Ind.

ADIANTUMS.

Adiantum hybridum, for 2½-in. pots, $5.00 per 100; $45.00 per 1000. Orders for future delivery booked if desired.
A. Ley & Bro., Langdon, D. C., or
C. W. Eichling, 3442 St. Charles Ave., New Orleans, La.

ADIANTUM FARLEYENSE, fine, well-grown plants, 5 to 6½-in. pots, $9.00 to $24.00 per doz.
Julius Roehrs Co., Rutherford, N. J.

Adiantum Farleyense, 5-in., $9.00 doz.
J. A. Peterson, Westwood, Cincinnati, O.

AGERATUMS.

Ageratums Pauline and others, 2-in., $1.50 per 100; rooted cuttings, 60c per 100, $5.00 per 1000. Andrew Peterson, Hoopeston, Ill.

Ageratum Little Blue Star, a new true dwarf, R. C. and 2¼-in., per 100, 75c and $2.00.
Mosbaek Greenhouse Co., Onarga, Ill.

Inimitable giant blue; rooted cuttings, $1.50 per 100; 2½-in., $3.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Ageratum Princess Pauline, R. C., 50c 100. Cash. J. P. Cannata, Mt. Freedom, N. J.

ALTERNANTHERAS.

Alternantheras, red, yellow and brilliantissima, July struck cuttings, $10.00 per 1000. From sand, January struck, $5.00 per 1000.
Mount Hope Greenhouses, Morgan Park, Ill.

Alternanthera brilliantissima, "original stock," finest red of all, from soil, $1.00 100. A. nana, yellow, 70c 100. Prepaid.
A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, fall-struck, from soil, 75c per 100; $6.00 per 1000.
N. O. Caswell, Delavan, Ill.

Alternantheras, in the best four varieties. Can supply in 1000 and 10,000 lots.
Mosbaek Greenhouse Co., Onarga, Ill.

Alternanthera rooted cuttings, red and yellow, 50c 100; $4.00 1000. Cash.
E. B. Randolph, Delavan, Ill.

Alternantheras, red and yellow, rooted cuttings, 50c 100; $4.00 1000.
Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, fall struck cuttings, $5.00 per 1000.
Wisner Greenhouse, Rockford, Ill.

Alternantheras, 60c 100; $5.00 1000.
Baur Floral Co., Erie, Pa.

AMPELOPSIS.

Ampelopsis Engelmanni, 2 yrs. old, $8.00 per 100; 3 yrs. old, $12.00 per 100.
Klehm's Nurseries, Arlington Heights, Ill.

AQUILEGIAS.

ROCKY MOUNTAIN COLUMBINE, true Aquilegia cærulea. We are headquarters. Large dormant roots now ready, $1.25 doz.; 100 for $8.00, by express.
BARTELDES SEED CO., Denver, Colo.

ARAUCARIAS.

Araucaria excelsa, A. excelsa glauca and A. compacta robusta in all sizes. Prices are given in display adv.
G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $2.50; 4-in., $8.00. Sprengeri, 2¼-in., $2.50; 3-in., $4.00; 4-in., $6.00, $55.00 1000. All are strong plants ready for larger pots.
Goshen Floral Co., Goshen, Ind.

Asparagus plumosus, 2¼, 3 and 4-in., $3.00, $6.00 and $9.00 per 100.
Asparagus Sprengeri, 2¼, 3 and 4-in., $2.00, $4.00 and $8.00. Special prices on 1000 lots.
Mosbaek Greenhouse Co., Onarga, Ill.

We want 25,000 Asparagus plumosus, either 1½-in. pots, or seedlings. The stock must be first-class.
Address No. 95, care Florists' Review, Chicago.

Asparagus Crawshawii, a new, beautiful asparagus. Seedlings, $3.00 100, $25.00 1000; transplanted seedlings, $5.00 100, $40.00 1000.
Jas. Crawshaw, 403 Plainfield, Providence, R. I.

Fine 2-in. Asparagus plumosus, $2.50 per 100; $20.00 per 1000. Cash with order or good references. Erie Floral Co., Erie, Pa., or
W. F. Kasting, Buffalo, N. Y.

Asparagus Sprengeri, 3-in., $3.50; 4-in., $5.50; 5-in., extra strong, $17.50 per 100. Cash, please.
Oak Hill Greenhouses, Lebanon, Ind.

Asparagus plumosus and Sprengeri, 2-in., $3.00 100. Other sizes given in display adv.
Wittbold Co., 1657 Buckingham Pl., Chicago.

Asparagus plumosus, 4-in., strong, $7.50 per 100, to close out quick. Cash.
Maple City Greenhouses, Honesdale, Pa.

Asparagus plumosus and Sprengeri. Sizes and prices given in display adv.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Asparagus plumosus and Sprengeri; for sizes and prices see display adv.
F. E. Allen & Co., Brockton, Mass.

Asparagus plumosus, 2½-in. and 3-in., fine, $3.00 and $5.00 per 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, 2½-in., ready for shift, $3.00 100, $25.00 1000.
J. W. Dunford, Clayton, Mo.

Asparagus Sprengeri, from bench, ready for 4 and 5-in., 4c.
Hopkins & Hopkins, Chepachet, R. I.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, plants from 4-in. pots, $8.00 per 100. M. E. Eaton, Lyons, Iowa.

Plumosus nanus, 2½-in., $2.50; 2-in., $2.00 100. Cash. Fred Grohe, Santa Rosa, Cal.

Asparagus plumosus, fine plants, 4-in., $8.00 100. McDonald & Steele, Crawfordsville, Ind.

Asparagus plumosus, 3-in., fine, $5.00 per 100.
Scharff Bros., Van Wert, Ohio.

Asparagus Sprengeri, 2-in., $2.25 per 100.
Hammerschmidt & Clark, Medina, O.

Asparagus plumosus, 2½-in., $3.00 100.
C. Eisele, 11th & Roy, Phila.

Asparagus Sprengeri, 2-in., $2.50 100.
D. U. Augspurger & Sons, Bx. 778, Peoria, Ill.

ASTERS.

Novae-Angliae asters, strong, $3.00 100, $25.00 1000. Ellsworth Brown & Co., Seabrook, N. H.

AZALEAS.

Azaleas, araucarias, palms, etc., grown especially for American florists.
H. Frank Darrow, Box 1250, New York.

Azalea mollis, 12 to 15 in., $25.00; 15 to 18 in., $35.00 100.
Storrs & Harrison Co., Painesville, O.

Azalea mollis, nicely budded, $4.50 doz., $35.00 100.
H. A. Dreer, 714 Chestnut St., Phila.

Azalea indica, all leading var. Write for prices. F. W. O. Schmitz, Prince Bay, N. Y.

Azaleas, well budded, 50c, 75c and $1.00 ea.
C. Whitton, City St., Utica, N. Y.

Azalea indica. Ask for catalogue.
Bobbink & Atkins, Rutherford, N. J.

Azalea Amoena, 5c to $3.00 each.
Elizabeth Nursery Co., Elizabeth, N. J.

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Bay trees and box trees, standards and pyramids. Price list on application.
Julius Roehrs Co., Rutherford, N. J.

Bay trees and buxus. Ask for catalogue.
Bobbink & Atkins, Rutherford, N. J.

BEGONIAS.

Blooming begonias in assorted varieties, $2.50 per 100. Rooted cuttings, ready now, $1.25 per 100. N. O. Caswell, Delavan, Ill.

Tuberous-rooted begonias, single-flowered, $2.50; double-flowered, $4.50 100.
Storrs & Harrison Co., Painesville, O.

Begonia Gloire de Lorraine, 2¼-in., $12.00 100; $100.00 1000.
Wm. Murphy, 128 E. 3rd St., Cincinnati, O.

Begonia Gloire de Lorraine, 4-in., $35.00; 5-in., $50.00 100.
J. A. Peterson, Westwood, Cincinnati, O.

Begonia Vernon, 2½-in., 2½c. R. C., prepaid, $1.50 100. A. J. Baldwin, Newark, Ohio.

Rex begonias, 4-in., for stock only, $5.00 per 100. 200 Louise Closson, 2½-in., fine, $5.00 per 100. Cash.
Maple City Greenhouses, Honesdale, Pa.

Rex begonias, 2-in., 3c; 4-in., 8c. Cash.
J. H. Dann & Son, Westfield, N. Y.

BELGIAN PLANTS.

Azaleas, araucarias, palms, sweet bays, begonias, gloxinias, etc. We have immense quantities of first-class stock, and shall be pleased to quote you prices.
Louis Van Houtte Pere, Ghent, Belgium.

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Jerusalem cherries, 75 4-in. plants, 5c each, if taken immediately. Cash.
Maple City Greenhouses, Honesdale, Pa.

BULBS.

Bulbs.	100	1000
Amaryllis formosissima, 11-13 cm.	$2.00	$18.00
Bessera elegans, 7-9 cm.	1.00	9.00
Pancratium, spider lily, 12-15 cm.	3.00	20.00
Tigridias, mixed, 7-9 cm.	2.00	12.00
Zephyranthes, white, 7-9 cm.	1.00	9.00

Price includes carriage paid.
J. A. McDowell, Ap. 167, City of Mexico.

Caladium esculentum, fine, healthy bulbs, 5 to 7 inches, $1.40 per 100, $11.00 per 1000; 7 to 9 inches, $2.40 per 100, $22.00 per 1000; 9 to 11 inches, $4.00 per 100, $35.00 per 1000; 12 inches and up, $8.00 per 100, $75.00 per 1000.
T. W. Wood & Sons, Richmond, Va.

Caladium esculentum bulbs, 5x7, $1.00; 7x9, $2.00; 9x11, $4.00; 11x15, $6.00 per 100. Tuberoses, 4x6, $1.00 100. Cash.
C. B. Johnson, Wallace, N. C.

C. KEUR & SONS, Hillegom, Holland, or 334 The Bourse, Philadelphia, Pa.
Write for wholesale prices on all bulbs and plants.

Mexican tuberoses, single, large bulbs, guaranteed to bloom from June until frost, $15.00 per 1000, F. O. B. Cook & Cook, Alvin, Tex.

What is offered for tuberose bulbs? What is offered for dahlia roots? All good stock, well cured. Nagy Bros., Egg Harbor, N. J.

Tuberous begonias, single and double. Adv. on cover page gives varieties and prices.
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Michell's spring bulbs. A large and complete stock of all the important varieties.
H. F. Michell Co., 1018 Market St., Phila, Pa.

Tuberoses, dwarf Excelsior Pearl, first size, $1.00 per 100; $8.00 per 1000.
T. W. Wood & Sons, Richmond, Va.

Tuberoses, gladioli, tuberous-rooted begonias, etc. Send for trade price list.
Currie Bros. Co., Milwaukee, Wis.

Write for special low prices on selected bulbs, plants, roots, etc., to
F. W. O. Schmitz, Prince Bay, N. Y.

Importers and growers of high grade bulbs. Bridgeman's Seed Warehouse, 37 E. 19th St., New York City.

Tuberoses. Armstrong's Ever-blooming, single, $10.00 per 1000. A. H. Dailey, Knoxville, Tenn.

Holland bulbs. Ask for our wholesale trade list. K. Velthuys, Hillegom, Holland.

Thorburn's bulbs. Send for trade list.
J. M. Thorburn & Co., 33 Barclay St., N. Y.

Lilium giganteum, 7x9, $6.50 100.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Tuberose bulbs, $8.50 1000.
W. W. Barnard Co., 161 Kinzie St., Chicago.

Gloxinia bulbs, $4.00 100.
Storrs & Harrison Co., Painesville, O.

Bulbs, plants and seeds.
W. P. Craig, 1305 Filbert St., Philadelphia.

CACTI.

Stapelia (starfish cactus), blooming size for borders, $3.00 per 100; $20.00 per 1000. Echeveria Californica, $1.50 per 100, $10.00 per 1000; small, $8.00 per 1000. For cash, by express, packed light.
Mrs. M. E. Patterson, Glendale, Cal.

Cacti. My choice 25 varieties, $2.50; 50 varieties, $5.00. Succulent plants, my choice, 50 varieties, $3.00. This offer good until April 1. Charges prepaid. Cash with order. A. G. Greiner, 4419 Natural Bridge Road, St. Louis, Mo.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

Old Man cactus, 4 to 5 inches high, $3.00 per doz.; $22.00 per 100. Carriage paid.
J. A. McDowell, Ap. 167, City of Mexico.

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CANNAS.

150,000
CANNAS
TRUE TO NAME.
All with two to three eyes.
Packed 250 in a box; 250 at 1000 rate; 25 at 100 rate.

RED CANNAS.

A. Bouvier, 5 ft.	$2.00 100;	$17.50 1000
Beaute Poitevine, 3½ ft.	2.25 100;	20.00 1000
Chas. Henderson, 4 ft.	2.00 100;	17.50 1000
Crimson Bedder, 3 ft.	3.00 100;	27.50 1000
J. D. Eisele, 5 ft.	2.25 100;	20.00 1000
Explorateur Crampbel, 5½ ft.	2.00 100;	17.50 1000
Flamingo, 4½ ft.	2.00 100;	17.50 1000

PINK CANNAS.

L. Patry, 4½ ft.	$2.00 100;	$17.50 1000
Martha Washington, 3½ ft.	2.00 100;	17.50 1000
Mlle. Berat, 4½ ft.	2.25 100;	20.00 1000
Paul Marquant, 4½ ft.	1.75 100;	15.00 1000

ORANGE CANNAS.

Admiral Avellan, 4½ ft.	$1.75 100;	$15.00 1000
J. D. Cabos, 4½ ft.	2.00 100;	17.50 1000
Pres. Cleveland, 4 ft.	3.00 100;	27.50 1000
Queen of Holland	2.75 100;	25.00 1000
Secretary Chabanne, 4 ft.	2.00 100;	17.50 1000

GOLD-EDGED CANNAS.

Mme. Crozy, 3½ ft.	$2.75 100;	$25.00 1000
Queen Charlotte, 4 ft.	2.75 100;	25.00 1000
Souv. de A. Crozy, 4 ft.	2.75 100;	25.00 1000

YELLOW CANNAS.

Buttercup, 3½ ft.	$5.50 100;	$50.00 1000
Comte de Bouchaud, 4½ ft.	2.75 100;	25.00 1000
Florence Vaughan, 5 ft.	2.00 100;	17.50 1000
L. E. Bailey, 4½ ft.	2.00 100;	17.50 1000

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Alsace, 3½ ft.	$2.00 100;	$17.50 1000
Peachblow, 3 ft.	1.75 100;	15.00 1000

BRONZE CANNAS.

Black Beauty, 5 ft.	$6.00 100;	$50.00 1000
David Harum, 3½ ft.	3.25 100;	30.00 1000
Egandale, 4 ft.	3.25 100;	30.00 1000
Grand Rouge, 8 ft.	1.75 100;	15.00 1000
Musafolia, 8 ft.	2.75 100;	25.00 1000
Robusta, 6 to 8 ft.	1.75 100;	15.00 1000
Shenandoah, 6 ft.	2.25 100;	18.00 1000

ORCHID CANNAS.

Alemannia, 4 to 5 ft.	$2.25 100;	$18.00 1000
Austria, 5 ft.	1.75 100;	15.00 1000
Italia, 4½ ft.	2.25 100;	18.00 1000
King Humbert, 4 ft., $2.00 doz.	15.00 100	
Kronus, 5 ft.	2.75 100;	25.00 1000
Mrs. Kate Gray, 6 ft.	2.75 100;	25.00 1000
Pennsylvania, 5 ft.	2.25 100;	20.00 1000

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Caladium Esculentum.
All sound and with eyes.

	100	1000
6- 8 inches in circumference	$1.50	$10.00
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10-12 inches in circumference	5.50	50.00
12 inches and up in circumference	10.00	90.00

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Carex japonica, 2½-in., $2.50 100.
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Carnations, cool-grown, well-rooted cuttings, for immediate or later delivery.
White Perfection, grandest of all, $5.50 100; $50.00 1000.
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Special attention is called to the variety White Perfection. We offer the true sort, and quality of cuttings can not be beat. You will want this. Book order now. Quality guaranteed. If you don't like them, we pay express both ways.
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READY NOW.

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Boston Market	1.50 per 100;	11.00 per 1000
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Fred Burki	2.50 per 100;	20.00 per 1000
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Rooted carnation cuttings. Satisfaction guaranteed.

Rose-pink Enchantress	$7.00 100;	$60.00 1000
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Victory	6.00 100;	50.00 1000
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Helen Goddard	6.00 100;	50.00 1000
White Lawson	3.00 100;	25.00 1000
Enchantress	3.00 100;	25.00 1000
Lawson	2.00 100;	17.50 1000
Boston Market	2.00 100;	17.50 1000

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Carnations, strong, healthy, well rooted.

	Per 100	Per 1000	Pots
White Perfection	$6.00	$50.00	$6.50
White Lawson	3.00	25.00	3.50
Bountiful	3.00	25.00	3.50
Cardinal	2.50	22.50	3.00
Enchantress	2.50	22.50	3.00
Lawson	2.00	15.00	2.50
Harlowarden	2.00	15.00	2.50
Boston Market	1.50	12.50	2.00

Cash with order. Satisfaction guaranteed.
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Carnation cuttings. Guaranteed good, and well-rooted.

	Unrooted.		Rooted.	
	100	1000	100	1000
G. Lord	$1.00	$ 8.00	$1.50	$12.00
F. Hill	1.00	8.00	1.50	12.00
Estelle	1.50	10.00	2.00	15.00
Enchantress	1.50	10.00	2.00	15.00
Q. Louise	1.00	8.00	1.50	12.00

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	100	1000		100	1000
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W. Lawson	2.00	15	Queen	1.50	12.50
Enchantress	2.00	15	Victory	5.00	....
Ethel Ward	2.00	15	R. Craig	5.00	....
R. Lawson	2.00	15	P. Patten	4.00	....
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BRITANNIA, bright scarlet of large size, similar to but better than Victory, plants in pots, £5 per 100.
Dutton's White Lawson Improved. This variety sported at Bexley Heath and is quite distinct from the American sport. Plants in pots, £5 per 100.
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Enchantress, Queen	2.50	20.00

Cash with order.
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Rooted carnation cuttings. 1200 Perfection, 800 Victory, $4.50 per 100; $45.00 per 1000. 900 Candace, $2.50 per 100. Enchantress, Peary and Bountiful, $2.00 per 100, $18.00 per 1000. Cardinal, $3.00 per 100. Lawson, $1.50 per 100; $12.00 per 1000. Stock guaranteed. Cash with order. H. P. Smith, Piqua, Ohio.

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Enchantress, ready now	$18.00 per 1000
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We send out nothing but first-class stock.
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Well rooted carnation cuttings.

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Lawson	2.00	15	The Queen	2.00	15
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Carnations. We offer field plants for delivery July 1, for early benching. Owing to our mild climate we field plants on high sod ground April 5. They are immense by July 1. Send for list, and make contracts for July 1 delivery.
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Unrooted carnation cuttings of The Queen, Fair Maid, Queen Louise, Enchantress and others. Good stock, good count. Write for prices.
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Chas. H. Totty, Madison, N. J.

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Queen, best standard white, summer or winter. Well rooted cuttings, $15.00 1000. Also other varieties. A. Christensen, Stoneham, Mass.

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Chrysanthemums from sand and soil. Good, healthy stock, ready now.

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Xeno	Wm. Duckham
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Cullingfordii	Intensity
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Clematis paniculata, strong, field-grown plants, $15.00 per 100; strongest, $30.00 per 100. Quotations on larger quantities. Est. of David Fisher, Woburn, Mass.

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COLEUS. COLEUS.
Rooted cuttings of Crimson Verschaffeltii, Golden Bedder and several others, $5.00 per 1000; 60c per 100. Cash with order. J. E. Felthousen, Schenectady, N. Y.

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Cyclamen gig., extra strong plants in separate colors, in good growing condition. Ready for 2½-in., $4.00 100; ready for 3-in., $6.00 100. Twice transplanted. Satisfaction guaranteed. Lehnig & Winnefeld, Hackensack, N. J.

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Cyclamen seedlings, $1.25 100. Shippensburg Floral Co., Shippensburg, Pa.

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Dahlias, field roots in 180 varieties, selected and adapted to the rich corn soils of the west. Standard sorts, $4.50 to $7.00 per 100; 30, all different, for $1.50. Fancy and new sorts, including Mrs. Roosevelt, G. D. Alexis, Floradora, Kriemhilde, Mrs. Winters, $9.00 to $15.00 per 100; 12 for $1.00. Ferndale Nurseries, Harlan, Iowa.

Dahlias. Pot roots for shipment at once. Every section including the popular cactus, show, fancy, pompon and single, $6.00 per 100 in 25 sorts; better and newer kinds, $8.00 and $9.00 100, post-free, cash with order. See display adv. for list of new varieties. Catalogue free. HOBBIES LIMITED, Dereham, England.

I am again ready to handle your business. Only the cream of varieties handled. Standards and novelties, including Mrs. Winters, Mme. Dael, Navajo, Lonsdale, Dainty, Kriemhilde, etc. Catalogue of dahlias, hollyhocks, peonies and hardy plants now ready. W. W. WILMORE, Box 382, Denver, Colo.

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Dahlia Sylvia, fine, long-stemmed pink, $1.50 per doz.; $10.00 per 100. Cushman Gladiolus Co., Sylvania, O.

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Dahlias. Send for catalogue. E. S. Manuel, 19 Walnut St., Newport, R. I.

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Daisy Queen Alexandra. New white. A handsome and free-flowering pot plant for spring and Decoration day sales. Very nice 2 and 2½-in. pot plants, $2.50 and $3.00 per 100. Cash prices. Theo. F. Beckert, 9 miles west of Pittsburg. Coraopolis, Pa.

Shasta daisies, field divisions, $2.50 100; $22.50 1000. Small plants for 3-in., $1.25 100; $11.00 1000. Cash. Fred Grohe, Santa Rosa, Cal.

Shasta daisies, field-grown divisions, $2.50 100. Leedham Bulb Co., Santa Cruz, Cal.

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Dracaena Bruanti, 6-in., 50c; $5.00 doz. Cash. G. Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in., $2.00 per doz. W. C. Rockwell, Bradford, Pa.

Dracaena indivisa, 5-in., $2.00 doz. C. Eisele, 11th & Roy, Philadelphia, Pa.

Dracaena indivisa, 3-in. Stuart & Haugh, Anderson, Ind.

EASTER PLANTS.

Prepare for Easter. An immense stock of choice Easter plants, to bloom Easter week or earlier if desired, now ready. The leading varieties of azaleas, araucarias, hyacinths, tulips, etc., are listed in display adv. G. Aschmann, 1012 Ontario St., Phila.

FOR EASTER—Lilium multiflorum, 10c per bud. Hydrangea grandiflora, pink, from 4 to 7-in. pots, 25c to $1.00. Spiraea Gladstone, 5 to 7-in. pots, from 35c to 75c. Crimson Rambler, 2 to 4 ft. high, 50c to $1.50. Beauty, Neyron, Laing, Jacqueminot, Magna Charta, Hermosa, Soupert, La France, Pink and White Cochet, 35c to 75c. Azalea indica, well budded plants, all colors, crown 12 to 18 inches, 40c to $1.00. Genista fragrans, 4 to 5-in. pots, 20c to 30c. Cinerarias, 4-in. pots, 8c. Primula obconica, 4 to 5-in., 8c to 12c. Von Sion daffodils, 3 bulbs to a pot, 20c. Tulips, double only, red, yellow and variegated, 4 bulbs to 4-in. pots, 12c. Hyacinths, all colors, 4-in. pots, 12c. Cash, please. Riverview Greenhouses, Lewisburg, Pa.

Place orders early for Easter plants. Lilies, azaleas, spiraeas, hyacinths, etc. Prices are given in display adv.
Geo. A. Kuhl, Pekin, Ill.

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Echeverias, 15 to 20 cm. in cir., $3.00 per 100, $22.00 per 1000. Carriage paid.
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Farfugium grande, 3-in., $15.00 per 100; 2-in., $10.00 per 100.
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FERNS MY SPECIALTY.
Please notice the big reductions.
CIBOTIUM SCHIEDEI, the king of ferns, well known for its unequaled beauty and good keeping qualities and as a very easy grower. Strong plants in the following sizes: 3-in. pots, $20.00; 4-in., $40.00; 5-in., $60.00 per 100; 7-in., $1.70 each; 10-in. pots, large specimens, $5.00 each.
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Assorted ferns for jardinieres, in all the leading varieties, $3.00 per 100; $25.00 per 1000; 500 at 1000 rate.
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Ferns. Order now for Easter. We have a fine stock, all ready for a shift at the following low prices:
Scottii, 4½-in. pots, $3.00 per doz.; 5-in., $4.00; from bench, 3-in., 10c; 4-in., 15c. Piersoni, 4-in. pots, $2.50 per doz.; 4½-in., $3.00; 5-in., $4.00; from bench, 3-in., 8c; 4-in., 12c. Boston, 4-in. pots, 15c; 4½-in., 20c; 5-in., 25c.
Cottage Greenhouses, Bushnell, Ill.

A snap in extra strong ferns. Boston ferns, 300 4-in. pots, $1.50 per doz., $10.00 per 100; 200 6-in. pots, 50c ea., $5.00 per doz.; 100 7-in. pans, 65c ea., $7.00 per doz.; 100 8-in. pans, 75c ea., $8.00 doz. 300 Scottii, in 5 and 6-in. pots, extra fine, $3.50 and $5.00 per doz.
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Nephrolepis exaltata Bostoniensis, fine, young stock, $10.00 per 1000.
N. Elegantissima, good runners, $5.00 per 100; fine plants, $10.00 per 100.
N. rufescens tripinnatifida, fine stock, $5.00 per 100. Soar Bros., Little River, Fla.

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Boston, 2½-in., 3c; 3-in., 8c; 4-in., 12c. Piersoni, 3-in., 8c. Barrowsii, 2½-in., ready for shift, 5c. A. J. Baldwin, Newark, Ohio.

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Scotti ferns, 2½-in., $3.00 100.
Springfield Floral Co., Springfield, O.

Boston ferns, 3-in., $5.00 100; $40.00 1000.
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Boston ferns, 5-in., $2.50 doz. Cash.
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Feverfew, dwarf, young plants, $1.00 100. Cash. Byer Bros., Chambersburg, Pa.

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Fuchsia Little Beauty, strong, 2-in., $3.50 per 100. Rooted cuttings, $1.50 per 100.
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GERANIUMS, the following superb bedders: S. A. Nutt (crimson), Mme. Buchner (best double white), Peter Henderson (bright scarlet), J. Viaud (pink), strong top cuttings, well rooted, $1.75 per 100; $16.00 per 1000. Cash.
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Mt. of Snow and Salleroi, pots, $2.00 per 100. Mt. of Snow, rooted cuttings, $1.25 per 100.
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Mixed geraniums, fall rooted, 2-in., 2c; 3-in., 4c. Jas. T. Baker, Bustleton, Phila., Pa.

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Geraniums. For price see display adv.
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Mme. Salleroi, 2¼-in., 3c.
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Gladioli, Groff's hybrids, choice mixture, No. 1, $8.00 per 1000; No. 2, $6.00; No. 3, $3.00; No. 4, $1.50; the latter will generally bloom.
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30,000 pansy plants ready now. Fine, stocky plants for transplanting, 50c per 100, by mail; $3.00 per 1000, by express, or $3.50 prepaid. All grown from the best giant fancy mixed seed. Also 25,000 large, frame-grown plants for March and April delivery. Write for prices.
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Fine, strong, healthy, field-grown pansies, Roemer strain, mixed or separate colors, $3.00 per 1000; sample, 50c per 100.
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Pansy plants, Perret and Trimardeau strains, strong frame-grown, fine for Easter, $3.00 per 100; $25.00 per 1000. Cash.
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Petunia The Queen, strong plants, 2¼-in., $1.50 doz.; $10.00 100; $90.00 1000. Ready now.
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Double petunias, best varieties named, $1.25 100, prepaid; $10.00 1000.
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Petunias, dble. red, white and pink, 2¼-in., 3½c. Hammerschmidt & Clark, Medina, O.

Petunias, double, Dreer's strain, 2-in., 3½c.
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Twenty choice named varieties, strong, field-grown plants, $4.00 per 100; $30.00 per 1000.
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Primula obconica grandiflora, all colors, including pink and carmine, full of flowers, 2½-in., $3.50; 4-in., $6.00 per 100. Giant obconica, 6 and 7-in., 7 to 10 gigantic trusses, 25c per plant. Baby or Forbesi, full of flowers, 3-in., $5.00 per 100. Chinese, full of flowers, all colors, 3-in., $5.00; 4-in., $10.00; 5-in., $12.00 per 100. J. Sylvester, Florist, Oconto, Wis.

Primulas. Chinese, 3½-in. pots, in full bloom, $8.00 per 100. Buttercup, 3½-in. pots, in full bloom, $7.00 per 100. All plants are very strong. Carl Meier, Green Bay, Wis.

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Primula obconica, in bloom, 3-in., 3c; 4-in., 6c. J. H. Dann & Son, Westfield, N. Y.

Primula obc. gig., 3½-in., bud and bloom, 6c.
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Baby primroses, 2½-in., $2.00 100.
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REVIEW Classified Advs.

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To Exchange—Poinsettia plants, when ready, for Geraniums Heteranthe or John A. Doyle, now. Address C. L. Reese, Springfield, Ohio.

To Exchange—See adv. under heading, carnations. A. T. Lorch & Co., De Haven, Pa.

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To Exchange—See adv. under heading roses.
Paul O. Tauer, Lebanon, Ind.

To Exchange—See display adv.
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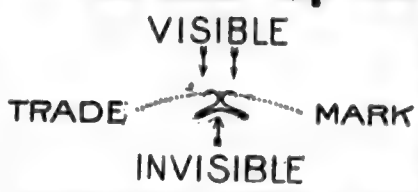
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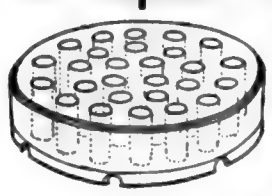
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CINCINNATI.

The Market.

Business continues good for Lent. While there is nothing rushing, still there is enough to keep every one busy and more can not be expected now. Funeral work furnishes the main item of business. For that reason the demand for the shorter roses has been the best and they have really sold for higher prices in proportion than the long-stemmed ones. In fact, all kinds of flowers that could be used in funeral work sold the best and the market quickly cleaned out of that kind of goods. The prices on all grades of flowers have held up wonderfully well and it would look as if they would stay up all during Lent. Both roses and carnations are in heavier supply, owing to the fine weather we have been having, but bulbous stock is coming in even larger quantities and there is just about all of this kind of stock that can be sold to advantage. The bright sunshine has been bringing it along pretty fast. Green goods of all kinds are getting scarce. Ferns are especially so and it is hard to get enough to take care of the orders. Leucothœ sprays and galax have been selling first-class and boxwood is beginning to be a feature in this market.

With Easter but a little over four weeks away it is time to look about and see what we are going to have for that day, which is the very best in the whole year for the florist. In bulbous flowers this market will be well supplied and the stock will be fine this year. Owing to the earliness of Easter many growers will fail to get their lilies ready in time and there can scarcely be a question that there will be too many of these flowers. If there is not a decided shortage I shall be greatly surprised. So I should advise the early placing of orders if you want to get anywhere near what you will need. Roses and carnations will be about as usual; that is, they will be scarce. The present beautiful weather we are having, if it holds, will work wonders though, and there may be enough of these flowers to enable us to fill all orders reasonably well.

Various Notes.

Dan Ruttle has purchased a tract of land at Rosedale, Ky., and intends to begin the erection of three greenhouses early in the spring. He intends to devote his glass to the growing of carnations and green goods.

Thursday evening, February 28, Chas. Dieterich and Miss Olivia Johnson, of Latonia, Ky., were married. Mr. Dieterich is a member of the firm of C. P. Dieterich & Bro., of Maysville, Ky. The couple left immediately for a wedding trip through the south.

Ernst Mack has been on the sick list, suffering from a severe cold.

Joe Hill and Fred Lemon, of Richmond, Ind., were visitors last Saturday. They were especially interested in what R. Witterstaetter has to show in the way of new carnations. I might say



Twin City Pottery Mfg. Co.

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The very best shipping facilities on both Pennsylvania R. R. and Philadelphia and Reading R. R

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Red Standard Pots

Price per 1000, F. O. B. Harrison: 2-in., $2.50; 2¼-in., $2.95; 2½-in., $3 50; 3-in., $4.50; 3½-in., $5.85; 4-in., $7 20; 5-in., $11.70; 6-in., $19.80. Cash must accompany order. Price list for larger sizes, Saucers, Fern Pans, Azalea Pots and Hanging Baskets on application

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RED

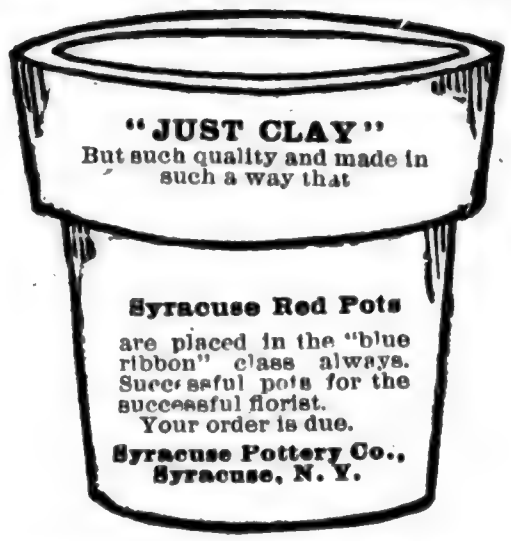
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Glass FOR GREENHOUSES
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here, as a quiet tip, that Dick has not been sleeping lately and there are a few things at his place which are well worth a trip to see.

H. H. Ritter, of Dayton, O., was also a visitor.

Saturday, March 9, is the date for the next regular meeting of the Florists' Society. A good meeting is expected.

C. J. OHMER.

The Greenhouse Structural Co. is ready for business at 840 West Fourth street. The president of the company is George W. Loeber, and the secretary W. J. Foster. Both were with the greenhouse department of the Lockland Lumber Co., Mr. Loeber having had full charge of that department for some five years. They will manufacture all sorts of greenhouse structural material, but will make a specialty of iron-frame greenhouses, reinforcing for concrete post and board walls, ventilating machinery, iron fittings, etc. Mr. Loeber is on a friendly footing with every greenhouse owner in the territory tributary to the Cincinnati market and is not unknown to the general trade in the central west, so that the firm should be in a position to do a good business from the outset.

DOBBS FERRY, N. Y.

The regular meeting of the Dobbs Ferry Horticultural Association was held in its room in Odd Fellows' hall February 23, R. Boreham in the chair. There was a prize for the best display of cut flowers, which was awarded to J. Bradley, gardener to H. Sidenberg, Hastings-on-Hudson; C. Wilson second. H. Kastberg, gardener to Miss Masters, also staged a fine collection and was awarded a cultural certificate for some fine seedling amaryllises. H. Kieling was also awarded a cultural certificate for some of the finest roses it has been our pleasure to see. James Scott, of Tarrytown, S. Bradley, of Dobbs Ferry, and W. Preston, of Hastings, were the judges.

J. Bradley read a paper on "The Culture of Cyclamen," which was well received and he was given a hearty vote of thanks. James Scott told of the different methods in the treatment of cyclamen which he had seen in his travels. Mr. Bradley staged some blooms of a double cyclamen which were highly thought of by the members.

The exhibits for the next meeting are to be of foliage plants in no more than 8-inch pots.

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Greenhouse Heating.

BOILER CAPACITY.

I have a common round boiler, 3x7 feet, with thirty 3-inch flues. The boiler is now used for hot water and is set in brick, all except a steam dome which projects from the top. It is claimed to be a twenty horse-power boiler. How many square feet of glass will the boiler carry to maintain a temperature of 55 degrees when it is 10 degrees below zero outdoors? I use 1½-inch and 2-inch pipe. At present I am heating only one house, 21x60, but I intend to heat three more short-span houses, each 10x70, connected to the first house on the north; walls to be six feet high and no partitions between any of the houses. Will this be the limit of my boiler capacity, or can I heat a 7-room dwelling in addition? The dwelling stands about sixty-five feet from the boiler.

E. A. M.

The houses in question, to maintain a temperature of 55 degrees, will require a little less than 1,200 square feet of radiation, and, although your boiler is not more than fifteen horse-power, it should have a capacity of about 1,900 square feet of radiation, which is about 700 square feet more than demanded by the greenhouses. If the pipes to and from the dwelling are carefully protected I think the boiler will carry both the dwelling and greenhouses, but it will be working under a full load in cold weather.

L. C. C.

HEATING TWO HOUSES.

I have built a new greenhouse at the east end of my old one. It is 21x50 and twelve feet to the ridge, with three feet of glass in the side walls. The old house is 26x77 and eight feet to the ridge. The boiler-room, 14x20, is in the southeast corner of the old house. Will my No. 1 Kroeschell hot water boiler be large enough to heat the plant? How many flows and returns and what size will I need to heat to 60 degrees in Wisconsin climate? I would also like to know how much concrete to put around the posts of the new house to keep it from spreading, posts to be three feet in the ground.

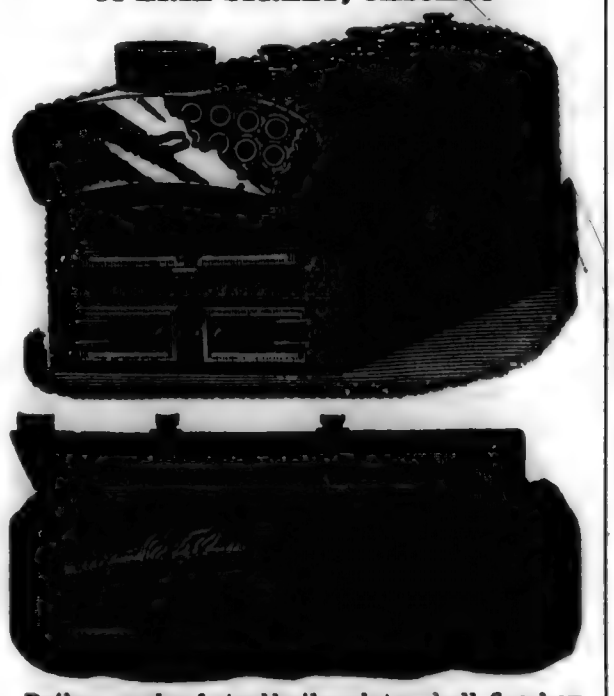
J. R.

The boiler you have should be ample to heat the plant in question. The new house can be heated by using 2-inch pipe arranged in coils, five pipes in each coil, fifteen in all, the length of the house. One pipe in each coil should be a riser, carried if possible direct from the boiler to the coil. If this cannot be arranged, then a 3-inch pipe should be carried from the boiler to the end of the new house and there divide to feed the three 2-inch flows for the three coils.

The character of the soil will have more to do with the amount of concrete to use about the posts than any other single factor. If the soil is dry and resistant, holes eighteen inches across should be large enough; but if the soil is soft and yielding at any season it is doubtful if you can insure the house in this way. At any rate I should support the structure so as to take as much thrust off the side wall as possible. This can be done by posts under the ridge and braces on the purlins, or by truss rods between the purlins.

L. C. C.

Kroeschell Bros. Co.
IMPROVED
Greenhouse Boiler.
51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

TO HEAT FOUR GREENHOUSE.

I am about to build two even-span north and south houses, connected, each 24x50, also two even-span east and west houses, connected, each 26x200 or 26x250, with extension in view. The last two are to be used for cut flowers.

I have on hand 5,000 feet of 1½-inch pipe, 1,300 feet of 3-inch, 1,000 feet of 2½-inch, 200 feet of 6-inch and 1,000 feet of 1-inch. I also have a quantity of steam radiators for my dwelling. I want to use steam. I don't want to use overhead mains. Should I use hot water and steam and what size of boiler? I can go as deep as I like with my boiler-pit. Where should I locate the boiler? The temperature outdoors, here in Manitoba, sometimes reaches 50 degrees below zero. When the sun goes down, in the winter, it gets cold very quickly; that is why I would prefer steam.

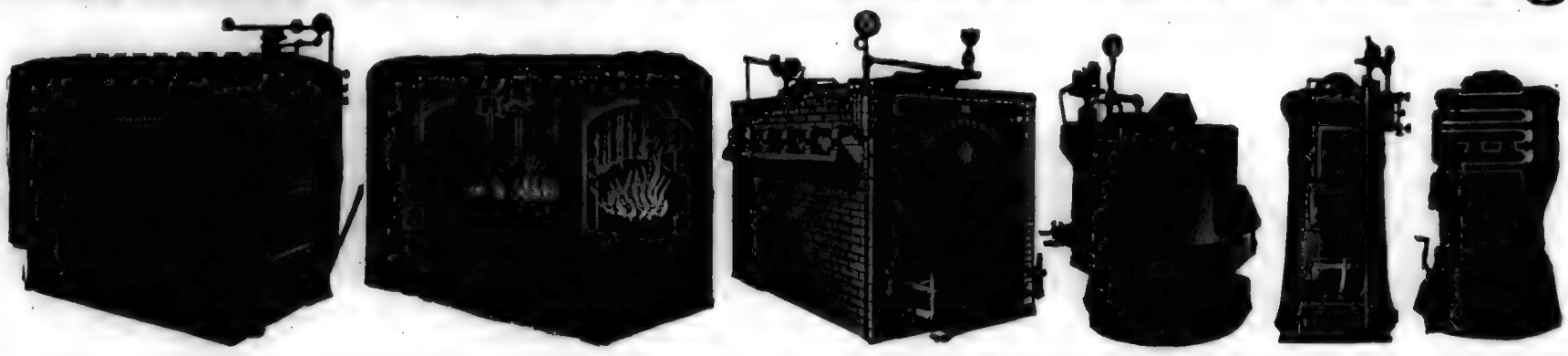
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When you have a
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Reducing Valves, Back Pressure Valves, Steam Traps, Steam Goods
This is what one of our customers thinks of our valves:

LINCOLN, ILL., January 6, 1906.
THE JOHN DAVIS COMPANY, Chicago, Ill.
GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.
Yours truly,
W. H. GULLETT & SONS, FLORISTS.

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We protect your buildings from Fires, your greenhouse from Frost. Metal Thermometer, rings a bell at your residence when the buildings get too hot or the greenhouse too cold. Can set at any temperature. Mr. Claud J. Hurt, Florist, 358 Cook St., Denver, Colo., says: "They are giving perfect satisfaction, never failing to give an alarm at 40 degrees cold and 90 degrees hot. Saves us a nightman and lots of coal. Would not be without it at any price." Complete with 300 ft. of wire, $5.
BROWN ALARM CO., DENVER, COLO.
Mention The Review when you write.

so great importance, but with hot water in a cold country hold the length of the flow pipes within 100 feet, if possible. A single brick-set forty horse-power tubular boiler will care for the houses mentioned. L. C. C.

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Your plant with boiler set as suggested can be heated by steam more easily than in any other way; but with wood for fuel hot water heating would be preferable if the boiler can be located so as to reduce the length of the flow pipes to practically 100 feet, which is about the maximum length for hot water on a gravity system. Whatever the type of the boiler used, it should have capacity to heat 5,500 square feet of radiation. If a horizontal tubular boiler is selected, one rated at sixty horse-power will be about right. If you locate the boiler on the surface and at the point mentioned it will be necessary to use a circulating pump for hot water, and a pump to return the water of condensation back to the boiler if steam is used.

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Which is the better way to feed a hot water boiler, direct into the boiler or into a return near the boiler? Would it be a good plan to connect the 2-inch feed pipe to a water tank twenty-one feet above the boiler, the tank six feet high and ten feet in diameter? The 4-inch heating pipes are connected by cement joints. What is the proper height to place the tank above the boiler and what size should it be. W. W. T. & S.

I doubt if the cement joints of the cast-iron pipe will bear the pressure from a tank elevated twenty-one feet. If they will, this will greatly increase the efficiency of your system. The feed pipe, connected preferably to the main return near the boiler, need be no more than ¾-inch to care for the expansion of a system of good size. The expansion tank should be large enough to hold all the water driven out of the system by heating it. A 50-gallon tank is sufficient for a boiler suitable for heating two houses 20x100. If wrought-iron pipe with screw joints is used the tank can be elevated fifteen to twenty feet, but with cast-iron pipe and cement joints the tank must usually be kept below ten feet. L. C. C.

WILKESBARRE, PA.—Ira G. Marvin in a few weeks will erect a greenhouse on North Main street. A store and office will be located in front.

DIXON, ILL.—The Walgren-Davis Co. has arranged with J. A. Swartley & Sons, of Sterling, Ill., to act as the Dixon agent for the latter concern's greenhouse products.



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Greenhouse Heating.

BOILER CAPACITY.

I have a common round boiler, 3x7 feet, with thirty 3-inch flues. The boiler is now used for hot water and is set in brick, all except a steam dome which projects from the top. It is claimed to be a twenty horse-power boiler. How many square feet of glass will the boiler carry to maintain a temperature of 55 degrees when it is 10 degrees below zero outdoors? I use 1½-inch and 2-inch pipe. At present I am heating only one house, 21x60, but I intend to heat three more short-span houses, each 10x70, connected to the first house on the north; walls to be six feet high and no partitions between any of the houses. Will this be the limit of my boiler capacity, or can I heat a 7-room dwelling in addition? The dwelling stands about sixty-five feet from the boiler.

E. A. M.

The houses in question, to maintain a temperature of 55 degrees, will require a little less than 1,200 square feet of radiation, and, although your boiler is not more than fifteen horse-power, it should have a capacity of about 1,900 square feet of radiation, which is about 700 square feet more than demanded by the greenhouses. If the pipes to and from the dwelling are carefully protected I think the boiler will carry both the dwelling and greenhouses, but it will be working under a full load in cold weather.

L. C. C.

HEATING TWO HOUSES.

I have built a new greenhouse at the east end of my old one. It is 21x50 and twelve feet to the ridge, with three feet of glass in the side walls. The old house is 26x77 and eight feet to the ridge. The boiler-room, 14x20, is in the southeast corner of the old house. Will my No. 1 Kroeschell hot water boiler be large enough to heat the plant? How many flows and returns and what size will I need to heat to 60 degrees in Wisconsin climate? I would also like to know how much concrete to put around the posts of the new house to keep it from spreading, posts to be three feet in the ground.

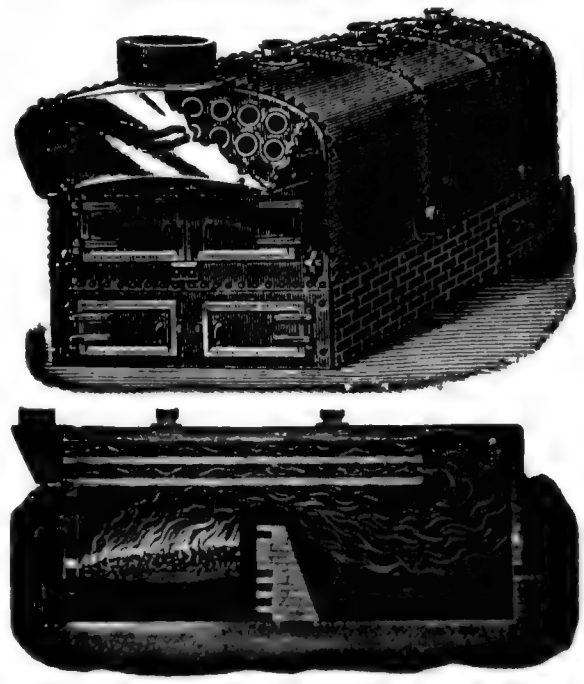
J. R.

The boiler you have should be ample to heat the plant in question. The new house can be heated by using 2-inch pipe arranged in coils, five pipes in each coil, fifteen in all, the length of the house. One pipe in each coil should be a riser, carried if possible direct from the boiler to the coil. If this cannot be arranged, then a 3-inch pipe should be carried from the boiler to the end of the new house and there divide to feed the three 2-inch flows for the three coils.

The character of the soil will have more to do with the amount of concrete to use about the posts than any other single factor. If the soil is dry and resistant, holes eighteen inches across should be large enough; but if the soil is soft and yielding at any season it is doubtful if you can insure the house in this way. At any rate I should support the structure so as to take as much thrust off the side wall as possible. This can be done by posts under the ridge and braces on the purlins, or by truss rods between the purlins.

L. C. C.

Kroeschell Bros. Co.
IMPROVED
Greenhouse Boiler.
51 ERIE STREET, CHICAGO



Boilers made of steel boiler plate; shell, fire-box sheets and heads of steel; water space all around, front, sides and back. Write for information.

TO HEAT FOUR GREENHOUSE.

I am about to build two even-span north and south houses, connected, each 24x50, also two even-span east and west houses, connected, each 26x200 or 26x250, with extension in view. The last two are to be used for cut flowers.

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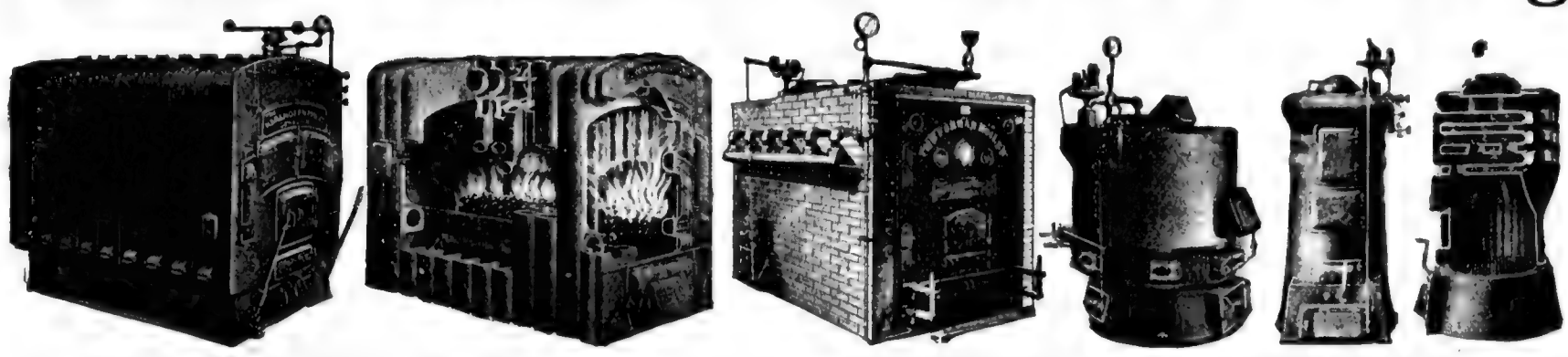
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LINCOLN, ILL., January 8, 1906.

THE JOHN DAVIS COMPANY, Chicago, Ill.

GENTLEMEN:—You can strongly and unhesitatingly recommend the "Eclipse" piston type reducing valve to florists. We have two purchased of you last year. We would not have them out for double their cost and find them as sensitive as a watch. We will be in Chicago soon to take up the vacuum system with you.

Yours truly,
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We protect your buildings from Fires, your greenhouse from Frost. Metal Thermometer, rings a bell at your residence when the buildings get too hot or the greenhouse too cold. Can set at any temperature. Mr Claud J. Hurt, Florist, 358 Cook St., Denver, Colo. says: "They are giving perfect satisfaction, never failing to give an alarm at 40 degrees cold and 90 degrees hot. Saves us a nightman and lots of coal. Would not be without it at any price." Complete with 300 ft of wire, $5.

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Costs less per effectual fumigation than any other made; if it does not we will refund your money. We sell direct to the grower; the jobbers' 33⅓ per cent. profit we put in the quality of the paper.
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Andrew Wilson, Dept. 5, Summit, N. J.
or H. A. Dreer, Inc., Philadelphia.
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PREPARED BY W. H. KULD, NORWOOD, MASS.
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DETROIT.

The Market.

Despite the fact that business is good, much stock keeps piling up at the wholesale houses. Roses are arriving in a little larger quantities, but hardly enough to equal the large demand, caused mostly by the better class of funeral work. The price on roses has taken a slight drop, more especially in the shorter grades. Beauties are seldom seen on this market.

Aside from white carnations, which are not equal to the steady demand, this favorite flower is a glut. Enchantress is especially overplentiful. That there is an overabundance of bulbous stock grown in the locality is apparent. There is a large demand for hyacinths, tulips, daffodils, narcissi, etc., but the store men grow so many it is no wonder that thousands of blooms go to waste at the commission houses.

The local houses are experiencing the same trouble with common ferns as the commission men in many other cities. They are poor and becoming scarce. Smilax is also quite scarce.

Various Notes.

All business cares were put aside by members of the Detroit Florists' Club Wednesday evening, February 20, it being the night of the annual entertainment and dancing party. A quartet and Master Lewis, of Pontiac, provided the musical numbers on the program. Fully two-thirds of the one hundred florists and their friends enjoyed themselves dancing, while the other third spent the evening playing cards. The inner man was well taken care of by a large punch bowl and a light lunch. William Brown and his assistants should be given a life position on the entertainment committee.

The funeral of the late Wm. C. McMillan called for many beautiful floral offerings, mostly elaborate wreaths. Breitmeyer's and Schroeter's had the cream of the orders.

Messrs. Dykes and Fancourt enjoyed themselves immensely the evening of the Detroit Florists' Club entertainment.

A vase of pure white Enchantress, shown by Thomas Browne at Harmonie hall the night of the Florists' party, caused much favorable comment.

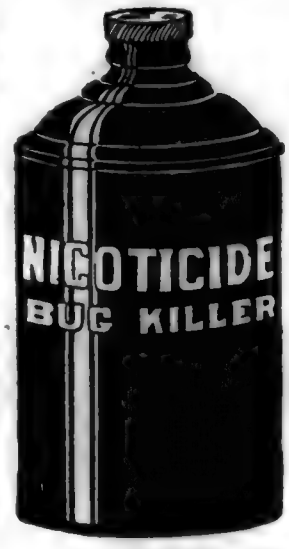
H. S.

PAWTUCKET, R. I.—James Hockey has been on the sick list.

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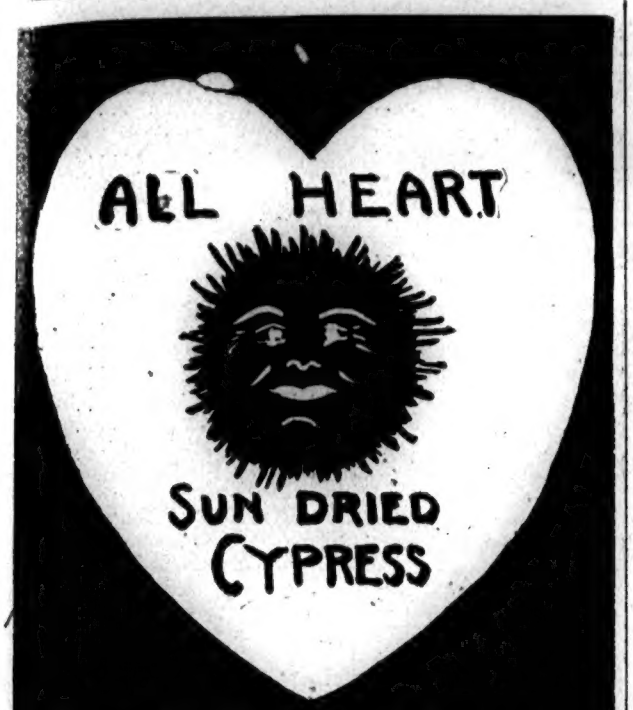
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PRICE 60c PER BOX OF 12 LONG SHEETS
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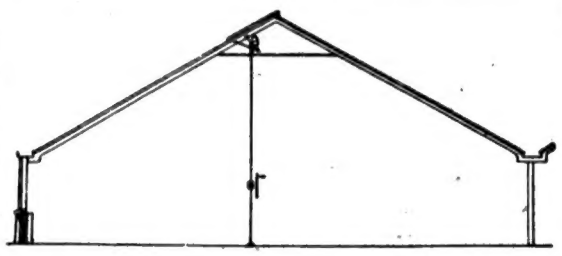
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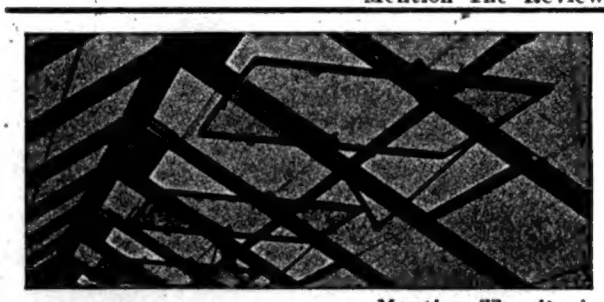
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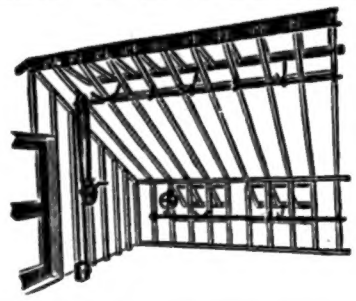
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G. L. GRANT, EDITOR AND MANAGER.

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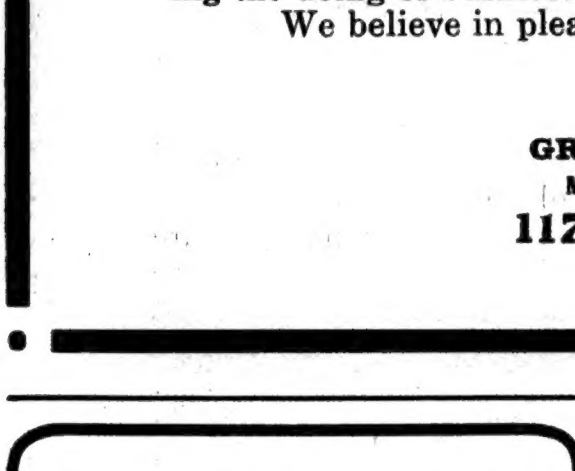
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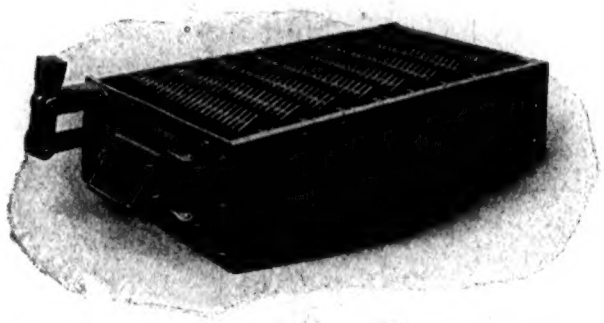
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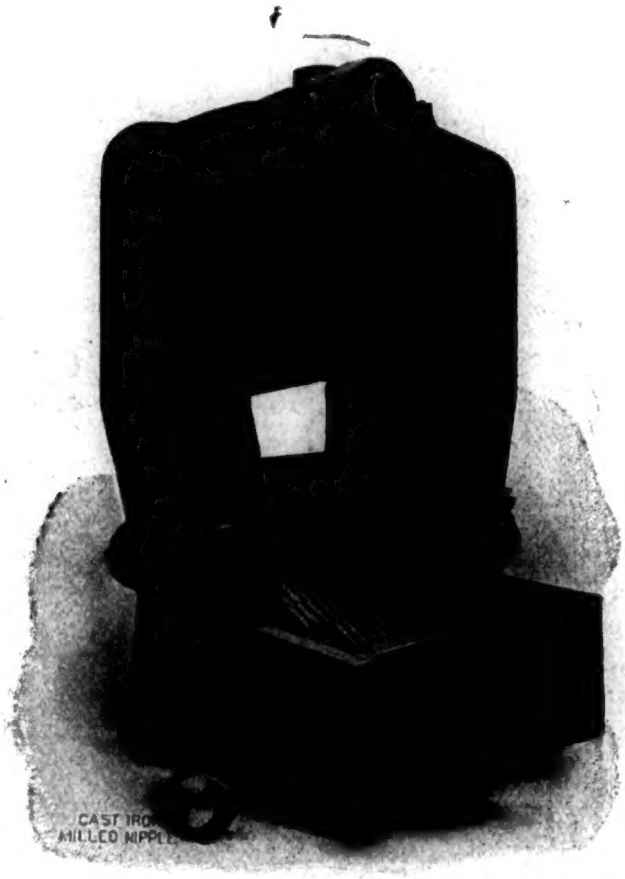
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